



**MANIPAL
UNIVERSITY**

Deemed-to-be-University under Section 3 of the UGC Act, 1956

Annual Report 2016





Dr T M A Pai, Padmashree awardee
1898-1979



*A key in constant use remains smooth and shining.
Similarly, if we keep ourselves constantly active our body retains its poise and harmony.*

*Drops of water make the mighty ocean.
Things individually beyond the reach of accomplishment
become miraculously easy with collective effort.*

*Light dispels darkness.
So too education helps to remove the ills of society.*

*Educated and enlightened children are an asset
not only to the family but to the whole nation.*



For and on behalf of the Board of Management



Dr H S Ballal

Pro Chancellor

A Report of Manipal University
for the period 01-01-2016 to 31-12-2016

Manipal University Annual Report 2016

Published by



**MANIPAL
UNIVERSITY**

(Declared under Section 3 of the UGC Act, 1956 vide notification
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Formerly known as Manipal Academy of Higher Education

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Audio Visual Department, Manipal University

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I Prominent Visitors on Campus



Visitors of University Campus

Name and Designation	University
21-23 Jan 2016	
Ms Roopa Desai Trilokekar, Associate professor, Eduaction and Ms Shelia Embleton, vp-sastri Canadian Institute	New york University, UK
15-16 Feb 2016	
Professor Raanan Rein Elías Sourasky Professor of Latin American and Spanish History and Vice President	Tel Aviv University, Israel
29 Feb-01 Mar 2016	
Dr Klaus-Dieter Schulz, Rector HMKW Professor Dr Ronald Freytag, Chancellor HMKW Mr Ameir Jillab, GM of the HMKW Gmbh	HMKW - University of Applied Sciences for Media, Communication and Management
2 Mar 2016	
Dr Abdul Rasul Ramji, Assistant Dean for Global Affairs, School of Public Health and Information Sciences	University of Louisville, Louisville, USA
Dr Craig Hunter Blakely, Dean – Health Management and Systems Sciences, School of Public Health and Information Sciences	
Dr Karunarathna Bandara Kulasekara, Chair and Professor, Bioinformatics and Biostatistics	
4-5 Mar 2016	
Professor Dr Thomas Thiel-Clemen, Vice Dean International Affairs and Communication Professor Dr-Ing Detlef Schulze, Head of Aerodynamic Laboratory and Professor Ulfia Annette, Faculty of Engineering and Computer Science	Hamburg University of Applied Sciences, Germany
07 March 2016	
Professor Beth Virnig, Senior Associate Dean for Academic Affairs and Research Mr Joseph Weisenburger, Chief Financial Officer from School of Public Health Dr Hitakshi Sehgal, Co-ordinator, India Programs	University of Minnesota, USA
7-10 Jun 2016	
Dr Mieke Van Driel, Deputy Head, School of Medicine	University of Queensland
14-15 Jun 2016	
Ms Margaret D'silva, Professor of Communication	University of Louisville, USA
22-23 Jun 2016	
Professor Wei-Chung Wang, Senior Advisor for Global Affairs Ms Hui-Ju Yang, Senior Program Manager	National Tsing University, Taiwan
3-5 Jul 2016	
Ms Maneeta Sahmey, International Office	The University of Nottingham
20-22 Jul 2016	
Dr Suresh Sampath, Head of Turboelectric System Engineering Group	Cranfield, UK
27 - 28 Jul 2016	
Professor Tahir Pillay – Chief Specialists, Professor and Head of Department of Chemical Pathology and National Health Laboratory Services, University of Pretoria Professor Mohambry Nadesan (Morgan) Chetty – he is the Deputy Chairman of SAMCC, Chairman of IPA Foundation and Chairman of Kwa Zulu Natal Doctors Healthcare Coalition	KwaZulu-Natal, South Africa

Name and Designation	University
21-25 Aug 2016	
Dr Bruce Quare, Head of School and Professor of Public Policy at the School of Sociology and Social Policy	The University of Nottingham
30 Aug 2016	
Professor Firoz Alam - School of Engineering Dr Phil Vines - Computer Science and IT Professor Peter Smooker – Biotechnology Mr Sam Flynn (Regional Coordinator - Middle East Africa and South Asia) Abhishek Tulsian – In Country Manager-India	RMIT University, Melbourne Australia
11-12 Sep 2016	
Professor Sabine Vercruysse, Faculty Academic Director Degree - seeking programs, Vice-Chairman Campus Group T Professor Abhishek Dutta, Docent Chemical Engineering Mr Wim Polet, Director of International Office	KU Leuven, Belgium
25 Sep 2016	
Associate Professor Kerrie Bridson, Course Director, Bachelor of Commerce, Faculty of Business and Law Associate Professor VG Sridharan, Deakin Business School, Faculty of Business and Law Dr Sandeep Reddy, Deputy Director, MBA (Healthcare Management) and Senior Lecturer, School of Medicine Dr Robin Ram Mohan Doss, Deputy Head of School, School of Info Technology, Faculty of Science Engineering and Built Environment Ms Sumita Verma, Manager, Student Services, Faculty of Arts and Education Ms Tori Ellenberger, International Consultant, BL Marketing and Development, Faculty of Business and Law Dr Alvin LEE, Lecturer In Marketing, Deakin Business School, Faculty of Business and Law Mr Dhruv Mohan, International Manager – South Asia sharing with Koushik Chakraborty, Manager Operations Mr David Das, Associate Director, South Asia Ms Kanika Chauhan, Assistant Manager – Operations	Deakin University, Australia
29 Sep 29 - 01 Oct 2016	
Ms Jenifer Kay Singer, Assistant Director	University of Wisconsin-Milwaukee
4-6 Oct 2016	
Soe Win, Permanent Secretary, Ministry of education, Myanmar Maung Muang Naing, Rector (Lashio University) Tin Maung Tun, Rector (Sittwe University) Nyunt Soe, Rector (Technology University of Pyay) Soe Win, Permanent Secretary, Ministry of education, Myanmar Maung Muang Naing, Rector (Lashio University) Tin Maung Tun, Rector (Sittwe University) Nyunt Soe, Rector (Technology University of Pyay)	Myanmar
17-18 Oct 2016	
Professor Trevor Day-Executive Dean, Science Engineering and Built Environment Professor Baskaran - Associate Dean Ravneet Pawha-Associate Vice President and Executive Director Dhruv Mohan-International Manager	Deakin University, Australia

Name and Designation	University
27 Oct 2016	
Dr Nagamani Bora, Assistant Professor in Biotechnology	University of Nottingham
30-31 Oct 2016	
Professor Bernice Mathisen, Associate Professor, Discipline Lead in Speech Pathology	University, Melbourne, Australia
9-10 Nov 2016	
Dr Bijendra Patel, Clinical Senior Lecturer	Queen Mary University of London
Dr Ahmad Waseem, Professor of Molecular and Cellular Biology	
11 Nov 2016	
Professor Paul Wellings, CBE Vice Chancellor, UOW Mr Adam Gilchrist, UOW Ambassador, Australian Cricket Legend Dr Bill Damachis Director, Transnational Education and Alliances, UOW; Dr Canio Fierravanti Director, Government Relations, UOW Associate Professor Shivakumar Karekal, Faculty of Engineering and Information Sciences, UOW Mr Stephen Atchinson, Manager for Adam Gilchrist Ms Evelyne Raymond, Alumni Relations Coordinator, UOW	University of Wollongong, Australia
6-8 Nov 2016	
Dr Himadri Gupta, Senior Lecturer in Biomaterials	Queen Mary University of London
13-14 Nov 2016	
Professor David Mellor, Associate Dean International - Faculty of Health Mr Dhruv Mohan - International Manager	Deakin University, Australia
10-12 Nov 2016	
Professor Vito Ferro, Associate Professor in the School of Chemistry and Molecular Biosciences, a Deputy Director of the Biotechnology Program	University of Queensland
10-11 Nov 2016	
Dr M S Vijayaraghavan, MD - Managing Partner	University of Kentucky, USA
24-25 Nov 2016	
Dr Vivek Rangnekar, Professor and Alfred Cohen Chair in Oncology Research	University of Kentucky, USA
1-2 Dec 2016	
Ms Cecilia Brunel, Deputy - Director International Relations Ms Vidya Suresh, Country Manager at ESIGELEC	ESIGELEC, France
4-7 Dec 2016	
Dr B Malakoane, MEC (leads the delegation) Mr D Motau, HOD, Health; Mr S Malope, HOD, Education Mr G Mahlatsi, HOD, Treasury; Ms Gladys Mushikoma, Chief Director, Public Works and Infrastructure; Mr A J Venter, Head, Legal Services, Dr R Thomas, Director, IGR	Free State University of Health Sciences, South Africa
9-10 Dec 2016	
Professor Patrick Fitzpatrick, Principal Adviser Dr Christopher Shepard, International Coordinator Ms Minakshi Batra, Director IDA, Ireland	University of Cork, Ireland
19-21 Dec 2016	
Dr Vinay Manchaiah, Director of Audiology	Lamar University, USA
27-31 Dec 2016	
Dr Vijay Panchal, Professor and Head, Civil Engineering Department Dr Zafar Azeem, Assistant Professor	Charotar University of Science and Technology (CHARUSAT), Changa, Gujarat

II Overview



Message



Manipal University's march towards excellence witnessed many developmental programs aimed at providing more updated academic facilities to the students. It has been the continuous efforts of the Management and the faculty members in improving the standard of teaching that have enabled the University impart education of a high standard to make the beneficiaries face the challenges of their future with confidence. The University feels proud in presenting the saga of its growth through this Annual report 2016.

A handwritten signature in blue ink, which appears to read 'Dr. Ramdas M. Pai'.

Dr Ramdas M Pai
President and Chancellor

Message



It has been the earnest effort of the Management and faculty members of Manipal University to impart education of a high standard to enable their students to equip themselves with the knowledge which will energize them with confidence to pursue higher studies, or join the professional streams of their choice. This Annual Report 2016 of Manipal University, will be able to give a comprehensive picture of the developmental activities taking place in its various constituent units. My best wishes to all those have been striving hard to maintain the University's excellent standard of education.

A handwritten signature in blue ink, appearing to read "H S Ballal".

Best wishes
Dr H S Ballal
Pro Chancellor

Message



Manipal University's aspiration to be one of the world's best, received a big boost when National Accreditation and Assessment Council (NAAC) awarded the highest grade of "A" following the visitation in May. The NAAC accreditation followed the National Institutional Ranking Framework (NIRF) which placed Manipal College of Pharmaceutical Sciences in Number 1 position in the country.

Rather than being self congratulatory, it is important for us to look at the larger tasks ahead. Featuring in the list of top 200 universities continues to be our medium-term goal even as we attempt to nudge our way into the subject-wise rankings.

Relative positions of universities of the world will be determined by quality and making it to the league tables has become an inescapable necessity and not merely a fleeting fancy.

We at Manipal are optimistic of pacing our growth balanced with maintenance of highest standards in everything we do.



Dr H Vinod Bhat
Vice Chancellor

Message



An annual report of a university reflects the academic and non-academic activities of its constituent institutions/colleges. I am glad that editorial team of Manipal University is releasing annual report of 2016, compiling all the activities of the University. Some of the institutions have performed extremely well in national ranking announced by various agencies including National Institutional ranking framework (NIRF). This is the first time that Manipal University featured in world ranking. As per Times Higher Education World Ranking, Manipal University is placed 801+ ranking among the top 980 universities in the world. Apart from world ranking, the University stands 200th rank amongst Asian Universities and also bagged ASSOCHAM award for best university promoting research. I thank Dr N Sreekumaran Nair and the editorial team for their unflinching effort in collating and presenting all the activities of various institutions/colleges.

Sabhahit

Narayana Sabhahit

Registrar

Mission, Vision, Objectives, Powers and Functions of Manipal University



MISSION

Be the most preferred choice of students, faculty and industry
Be in the top 10 in every discipline of education, health sciences,
engineering and management



VISION

Global leadership in human development, excellence in education and health care

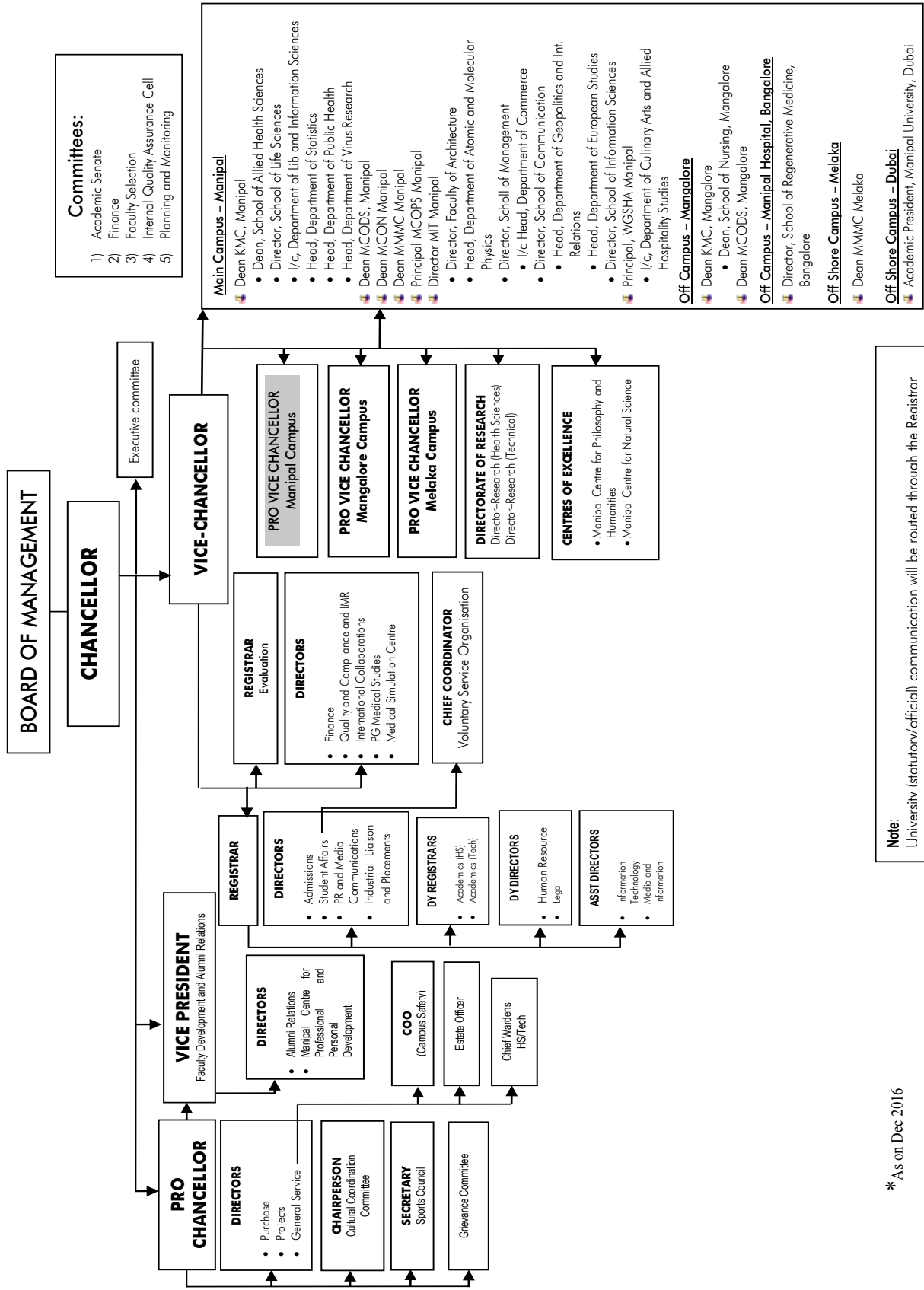
Objectives

- To support, promote and undertake the advancement of University Education, leading up to and including undergraduate, postgraduate, doctoral and postdoctoral courses in arts, science, commerce, medicine, dental, nursing, pharmacy, allied health sciences, life sciences, regenerative medicine, biostatistics, jewellery management, management, communication, hotel administration, geopolitics, information sciences, engineering, applied sciences and such other subjects as the trustees may deem fit.
- To provide for research and for the advancement of and dissemination of knowledge through extension and community service
- To promote Konkani language and the culture of the Konkani speaking people in general, and that of the students speaking Konkani in the aforesaid institutions in particular
- To do all other acts and things as may be necessary or desirable to further the objectives of the institute

Knowledge Potential

- To establish courses of study and research and to provide instruction in such branches of study as the University deems appropriate for the new faculty fraternities on existing campuses at Manipal, Mangalore, Bangalore, Dubai and Malaysia
- To confer degrees and to grant diplomas and/or certificates to persons who have satisfactorily completed the approved courses of study and/or research as may be prescribed and shall have passed the prescribed examinations
- To institute and award visitorships, fellowships, prizes, medals, stipends and scholarships

FUNCTIONAL CHART *



Note: University (statutory/official) communication will be routed through the Registrar

* As on Dec 2016

Members of Board of Management

Name	Designation
Dr Ramdas M Pai	Chairman
Dr V A Pai Panandiker	Member
Mr TVR Shenoy	Member
Mr Rajen Padukone	Member
Mr T V Mohandas Pai	Member
Dr Ranjan R Pai	Member
Dr Hari Gautam	Member
Dr Balaji Srinivasan	Member
Dr G K Prabhu	Member
Dr Poornima Baliga	Member
Dr Dilip G Naik	Member
Dr Balaji Srinivasan	Member
Dr H Vinod Bhat	Member Secretary

Constitution of Executive Committee

1. Dr Ramdas M Pai, Chancellor, Chairman
2. Dr H Vinod Bhat, Vice Chancellor, Vice Chairman
3. Dr Narayana Sabhahit, Registrar, Member Secretary

Members

4. Dr H S Ballal, Pro Chancellor
5. Dr V Surendra Shetty, Pro Vice Chancellor
6. Dr Poornima Baliga, Dean, KMC, Manipal
7. Dr M Venkatraya Prabhu, Dean, KMC, Mangalore
8. Dr G K Prabhu, Director, MIT, Manipal
9. Dr C Mallikarjuna Rao, Principal, MCOPS, Manipal
10. Dr Nirmala N Rao, Dean, MCOODS, Manipal
11. Mrs Parvadavardini Gopalakrishnan, Principal, WGSMA, Manipal
12. Dr Dilip G Naik, Dean, MCOODS, Mangalore
13. Dr Anice George, Dean, MCON, Manipal
14. Dr Radhakrishna Aithal, Director, ICAS, Manipal
15. Dr Nandini Lakshmi Kantha, Director, SOC, Manipal
16. Mr C S Ramashesha, Director, SOIS, Manipal
17. Dr B Rajashekar, Dean, SOAHS, Manipal
18. Dr Raveendranath Nayak, Director, SOM, Manipal
19. Dr Ullas Kamath, Dean, MMMC, Manipal
20. Dr K Satyamoorthy, Director, SOLS, Manipal
21. Prof Nishant Manpure, Director, FOA, Manipal
22. Mr B P Varadraya Pai, Director, Finance
23. Dr N Udupa Director, Research (Health Sciences)
24. Dr Suma Nair, Director, Student Affairs

List of other Committees at the University Level

1. Academic Senate
2. Board of Studies
3. Central Condemnation Board for IT products
4. Committee of Experts (Fee Fixation Committee)
5. Core Committee for Quality
6. Cultural Co-Ordination Committee
7. Endowment Fund Committee
8. Examination Committee
9. Examination Grievances Committee
10. Faculty Selection Committee
11. Finance Committee
12. General Services Committee
13. Grievance Committee
14. Grievance Committee (Students)
15. Internal Complaint Committee
16. Hostel Management Committee
17. Housing Committee
18. Intellectual Property Advisory Board
19. Joint Review Committee to monitor MIS (formerly MSFM) services
20. Malpractice Enquiry Committee
21. Management Review Committee
22. Monitoring Cell on Ragging
23. Monitoring Committee for Hombelaku
24. Non-teaching Staff Promotion Committee
25. PhD Core Committee
26. PhD Protocol Approval Committee
27. Planning and Monitoring Committee
28. Internal Quality Assurance Cell
29. Scientific Advisory Committee
30. Sports Council
31. Staff Selection Committee
32. Student Affairs Committee
33. University Ethics Committee
34. University Research Committee
35. University Selection Committee (HoD)

UNIVERSITY ADMINISTRATIVE/FUNCTIONAL HEADS TOP OFFICIALS

Sl no	Name	Designation
1	Dr Ramdas M Pai	Chancellor
2	Dr H S Ballal	Pro Chancellor
3	Dr H Vinod Bhat	Vice Chancellor
4	Prof Datuk Dr Abdul Razzak Mohd Said	Pro Vice Chancellor - Melaka Campus
5	Dr V Surendra Shetty	Pro Vice Chancellor
6	Dr Narayana Sabhahit	Registrar
7	Dr Vinod V Thomas	Registrar - Evaluation
8	Dr K Ramnarayan	Vice President - Faculty Development and Alumni Relations
1	Dr Arun Shanbhag	Chief Innovation Officer
2	Dr Shyamala Hande	Deputy Registrar - Academic (Health Science)
3	Dr Chandrashekara S Adiga	Deputy Registrar - Academics (Technical)
4	Dr Yeshwanth Rao K	Deputy Registrar - Evaluation (Health Science)
5	Dr Madhukar Mallya	Deputy Registrar - Evaluation (Health Science)
6	Dr Balasubramani Ramjee	Director - International Collaborations
7	Dr N Udupa	Director - Research (Health Sciences)
8	Dr Sathish Shenoy B	Director - Research (Technical)
9	Mr B P Varadaraya Pai	Director Finance
10	Col S Badrinarayanan	Director - General Service and Purchase
11	Dr D Srikanth Rao	Director - Admissions (National and International)
12	Dr Suma Nair	Director - Student Affairs
13	Mr Prasanna Kailaje	Director - Industry Liaison and Placement and Alumni Relations
14	Mr Alexander Chandy	Director - Public Relations and Media Communication
15	Dr Sandeep S Shenoy	Director - Quality and Compliance
16	Mr Jagadish H Nayak	Head - Direct and Indirect Taxation
17	Dr Pushpa G Kini	Director - PG Medical Studies
18	Dr S Narayana Rao	Ombudsman, Manipal University
19	Dr Santosh Rai P V	Associate Director - Alumni Centre, MU, Mangalore and Bangalore campus
20	Dr Sulatha V Bhandary	Deputy Director - Student Affairs (Health Science)
21	Dr Geetha M	Deputy Director - Student Affairs (Technical)
22	Dr Rekha T	Deputy Director - Student Affairs, Mangalore campus
23	Dr Sreekumaran Nair N	Deputy Director - Statistical Bureau
24	Dr Karunakar A Kotegar	Deputy Director - International Collaborations
25	Dr Raghu A R	Deputy Director - Research (Health Sciences)
26	Dr Santhosh K V	Deputy Director - Research (Technical)
27	Mr Jerry K Joseph	Deputy Director - HR
28	Mr N Chandrashekar Prabhu	Deputy Director - Legal
29	Mrs Saraswathy K	Deputy Director - Finance
30	Mr G Vittaldas Bhat	Deputy Director - Purchase
31	Col Prakash Chandra B	Deputy Director - General Services
32	Mrs Diana Britto	Deputy Director - NRI Admissions
33	Dr Christopher Sudhaker	Deputy Director - Quality and Compliance (Manipal Campus)
34	Dr R Anand	Deputy Director - Quality and Compliance (Mangalore Campus)
35	Mr Babanna N	Deputy Director - Public Relations
36	Dr Prabhudev B Mane	Chief Operating Officer - Campus Safety
37	Mr K S Jai Vittal	Estate Officer
38	Mr Somanath Das	Special Officer, Bangalore campus
39	Mr Shripathi U S	Special Officer - Employee Relations
40	Dr Vinod C Nayak	Secretary, University Sports Council
41	Air Commodore Harindra Kumar Dhiman	Chief Warden, University Hostels
42	Col Kalakoti	Chief Warden, MIT Hostels
43	Col Prem Kumar Shetty	Chief Warden
44	Ms Lily Shama George	Deputy Chief Warden
45	Mr Harishchandra P	Chief Security Officer
46	Mr STM Perumal	Manager - Administrative Service
47	Dr Shobha U Kamath	Chairman, University Cultural Co-ordination Committee
48	Mr Sambit Dash	Secretary, University Cultural Co-ordination Committee
49	Ms Anitha Guru	Joint Secretary - University Sports Council
50	Mr Sathish Kamath M	Assistant Director - Information Technology
51	Mr Suresh K	Assistant Director - Media and Information
52	Mr Leslie Joseph D'Souza	Fire Safety Officer

Detail of Programs

Institution/Department	Academic Programs	Course duration
Department of Atomic and Molecular Physics, Manipal	MSc (Photonics)	2 Years
	MSc Nanoscience and Technology	2 Years
	MSc Biophysics	2 Years
	Certificate Course in Nanoscience and Technology	3 Months
	Certificate Course in Laser Applications in Biology and Medicine	3 Months
Department of Commerce, Manipal	BBA (e-Banking and Finance)	3 Years
	BBA (Financial Markets)	3 Years
	BBA (Professional)	3 Years
	BBA (Logistics and Supply Chain)	3 Years
	BBA (Human Resources)	3 Years
	BBA (Marketing)	3 Years
	BBA (Hospitality and Tourism)	3 Years
	BBA (Family Business Management)	3 Years
	BBA (Insurance and Risk Management)	3 Years
	BCom (Professional)	3 Years
	BCom (Professional) - Evening	3 Years
	BCom Business Process Services	3 Years
	MCom (Logistics and Supply Chain)	2 Years
	MCom (Professional)	2 Years
	MCom (Banking Technology)	2 Years
PG Diploma (Logistics and Supply Chain)	1 Year	
Department of Geopolitics and International Relations, Manipal	MA (Geopolitics and International Relations)	2 Years
Department of Public Health, Manipal	Master of Public Health - Environment and and Occupational Health	2 Years
	Master of Public Health - Epidemiology	2 Years
	Master of Public Health - Maternal and Child Health	2 Years
	Master of Social Work - Community Development	2 Years
	Master of Social Work - Human Resource Management and Industrial Relations	2 Years
	Master of Social Work - Medical and Psychiatric Social Work	2 Years
	Masters in Hospital Administration	2 Years
Department of Statistics, Manipal	Certificate in Biostatistics, Epidemiology and Research Methodology	6 Months
	MSc Biostatistics	2 Years
International Centre for Applied Sciences, Manipal	BS ICAS	4 Years
Kasturba Medical College, Mangalore	Bachelor of Audiology and Speech Language Pathology (BASLP)	3 Years + 1 Year Internship
	Bachelor of Medicine and Bachelor of Surgery (MBBS)	4.5 Years + 1 Year Internship
	Bachelor of Physiotherapy	4 Years + 6 Months internship

Institution/Department	Academic Programs	Course duration
Kasturba Medical College, Mangalore	BSc Medical Radiotherapy Technology	3 Years + 1 year internship
	Master of Audiology and Speech Language Pathology (MASLP)	2 Years
	MD (Anaesthesiology)	3 Years
	MD (Anatomy)	3 Years
	MD (Biochemistry)	3 Years
Kasturba Medical College, Mangalore	MD (Dermatology, Venereology and Leprosy)	3 Years
	MD (General Medicine)	3 Years
	MD (Microbiology)	3 Years
	MD (Paediatrics)	3 Years
	MD (Pathology)	3 Years
	MD (Pharmacology)	3 Years
	MD (Physiology)	3 Years
	MD (Radio diagnosis)	3 Years
	MS (General Surgery)	3 Years
	MS (Obstetrics and Gynaecology)	3 Years
	MS (Ophthalmology)	3 Years
	MS (Orthopaedics)	3 Years
	MS (Oto - Rhino - Laryngology)	3 Years
	DA (Anaesthesiology)	2 Years
	DCH (Paediatrics)	2 Years
	DCP (Clinical Pathology)	2 Years
	DLO (Oto - Rhino - Laryngology)	2 Years
	DO (Ophthalmology)	2 Years
	MPT Cardio-pulmonary Sciences	2 Years
	MPT Community Physiotherapy	2 Years
MPT Neurosciences	2 Years	
MPT Orthopaedics	2 Years	
MPT Paediatrics and Women's Health	2 Years	
MSc Medical – Anatomy	2 Years	
MSc Medical – Biochemistry	2 Years	
MSc Medical – Microbiology	2 Years	
MSc Medical – Pharmacology	2 Years	
MSc Medical – Physiology	2 Years	
Kasturba Medical College, Manipal	Bachelor of Medicine and Bachelor of Surgery (MBBS)	4.5 Years + 1 Year Internship
	DM Cardiology	3 Years
	DM Neurology	3 Years
	DM Gastroenterology	3 Years
	DM Nephrology	3 Years
	MCh Cardiothoracic Surgery	3 Years
	MCh Neuro Surgery	3 Years
	MCh Paediatric Surgery	3 Years
	MCh Urology	3 Years
	MD (Anaesthesiology)	3 Years
	MD (Anatomy)	3 Years
	MD (Biochemistry)	3 Years

Institution/Department	Academic Programs	Course duration
Kasturba Medical College, Manipal	MD (Community Medicine)	3 Years
	MD (Dermatology, Venereology and Leprosy)	3 Years
	MD (Forensic Medicine)	3 Years
	MD (General Medicine)	3 Years
	MD (Hospital Administration)	3 Years
	MD (Microbiology)	3 Years
	MD (Paediatrics)	3 Years
	MD (Pathology)	3 Years
	MD (Pharmacology)	3 Years
	MD (Physiology)	3 Years
	MD (Psychiatry)	3 Years
	MD (Respiratory Medicine)	3 Years
	MD (Radio diagnosis)	3 Years
	MD (Radio therapy)	3 Years
	MD (Immuno-hematology and Blood Transfusion)	3 Years
	MS (General Surgery)	3 Years
	MS (Obstetrics and Gynaecology)	3 Years
	MS (Ophthalmology)	3 Years
	MS (Orthopaedics)	3 Years
	MS (Oto - Rhino - Laryngology)	3 Years
	DA (Anaesthesiology)	2 Years
	DCH (Paediatrics)	2 Years
	DCL (Clinical Pathology)	2 Years
	DDVL (Dermatology, Venereology and Leprosy)	2 Years
	DGO (Obstetrics and Gynaecology)	2 Years
	DO (Ophthalmology)	2 Years
	DOrtho (Orthopaedics)	2 Years
	DLO (Oto - Rhino - Laryngology)	2 Years
	DPM (Psychiatry)	2 Years
	DMRD (Radio Diagnosis)	2 Years
	MPhil Psychiatric Social Work	2 Years
	MSc Medical – Anatomy	2 Years
	MSc Medical – Biochemistry	2 Years
	MSc Medical – Clinical Embryology	2 Years
	MSc Medical – Microbiology	2 Years
	MSc Medical – Pharmacology	2 Years
	MSc Medical – Physiology	2 Years
	MSc Genetic Counseling	2 Years
	Advanced Training Program in Diabetes Care	1 Year
	Advanced Training Program in Clinical Genetics	1 Year
School of Information Science, Manipal	ME (Embedded Systems)	2 Years
	ME (Embedded Systems and Instrumentation)- ESIGELEC France	2 Years
	ME (Medical Software)	2 Years
	ME (VLSI Design)	2 Years
	ME (Computing Systems and Virtualization)	2 Years
	ME (Embedded and Wireless Systems)	2 Years
	ME (Automotive Embedded Systems) - ESIGELEC France	2 Years

Institution/Department	Academic Programs	Course duration
School of Allied Health Sciences, Manipal	ME (Big Data and Data Analytics)	2 Years
	MSc Information Sciences (IS)	2 Years
	Bachelor of Audiology and Speech Language Pathology (BASLP)	3 Years + 1 Year Internship
	Bachelor of Occupational Therapy (BOT)	4 Years + 6 Months internship
	Bachelor of Physiotherapy (BPT)	4 Years + 6 Months internship
	BSc Cardiovascular Technology (CVT)	3 Years + 1 Year Internship
	BSc Health Information Management (HIM)	3 Years
	BSc Medical Imaging Technology (MIT)	3 Years + 1 Year Internship
	BSc Medical Laboratory Technology (MLT)	3 Years + 1 Year Internship
	BSc Medical Radiotherapy Technology (MRT)	3 Years + 1 Year Internship
	BSc Nuclear Medicine Technology (NMT)	3 Years + 1 Year PGDNMT
	Bachelor of Optometry (BOptom)	3 Years + 1 Year Internship
	BSc Respiratory Therapy (RT)	3 Years + 1 Year Internship
	BSc Renal Replacement Therapy and Dialysis Technology (RRT and DT)	3 Years + 1 Year Internship
	BSc Perfusion Technology (PFT)	3 Years + 1 Year Internship
	BSc (Exercise and Sports Sciences)	3.5 Years + 6 Months Internship
	Master of Audiology and Speech Language Pathology (MASLP)	2 Years
	MOT Developmental Disabilities	2 Years
	MOT Hand and Musculoskeletal conditions	2 Years
	MOT Neuro Rehabilitation	2 Years
	MOT Mental Health and Psychosocial Rehabilitation	2 Years
	MPT Cardio-pulmonary Science	2 Years
	MPT Community Physiotherapy	2 Years
	MPT Neurosciences	2 Years
	MPT Orthopaedics	2 Years
	MPT Paediatrics and Women's Health	2 Years
	MPT Sports and Clinical Biomechanics	2 Years
	MSc RT Adult Respiratory Care	2 Years
	MSc RT Neonatal and Paediatric Respiratory Care	2 Years
	MSc Health Information Administration (HIA)	2 Years

Institution/Department	Academic Programs	Course duration
School of Allied Health Sciences, Manipal	MSc Medical Imaging Technology	2 Years
	MSc Medical Radiation Physics (MRP)	2 Years
	MSc MLT - Clinical Biochemistry	2 Years
	MSc MLT - Microbiology and Immunology	2 Years
	MSc Nuclear Medicine Technology	2 Years
	Master of Optometry (MOPtom)	2 Years
	MSc Renal Respiratory therapy and Dialysis Technology (RRT and DT)	2 Years
	MSc Echocardiography	2 Years
	MSc Cardiac Cath and Intervention Technology	2 Years
	MSc Health Informatics - Health Care IT Management	2 Years
	MSc Health Informatics - Software Development and Management	2 Years
	MSc Nuclear Medicine Technology (Lateral Entry)	1 Year
	MSc Exercise and Sports Science	2 Years
	MSc Clinical Psychology	2 Years
	MPhil Clinical Psychology	2 Years
MSc (Perfusion Technology)	2 Years	
Manipal College of Dental Sciences, Mangalore	Bachelor of Dental Surgery (BDS)	4 Years + 1 year internship
	MDS Conservative Dentistry and Endodontics	3 Years
	MDS Oral and Maxillofacial Surgery	3 Years
	MDS Oral Pathology and Microbiology	3 Years
	MDS Orthodontics and Dentofacial Orthopaedics	3 Years
	MDS Paedodontics and Preventative dentistry	3 Years
	MDS Periodontology	3 Years
	MDS Prosthodontics and Crown and Bridge	3 Years
	MDS Public Health Dentistry	3 Years
	MDS Oral Medicine and Radiology	3 Years
	Post Graduate Diploma Dental Materials	2 Years
PG Certificate Course in Restorative Dentistry	1 Year	
Manipal College of Dental Sciences, Manipal	Bachelor of Dental Surgery (BDS)	4 Years + 1 Year internship
	MDS Public Health Dentistry	3 Years
	MDS Conservative Dentistry and Endodontics	3 Years
	MDS Oral and Maxillofacial Surgery	3 Years
	MDS Oral Medicine and Radiology	3 Years
	MDS Oral Pathology and Microbiology	3 Years
	MDS Orthodontics and Dentofacial Orthopaedics	3 Years
	MDS Paedodontics and Preventive dentistry	3 Years
	MDS Periodontology	3 Years
	MDS Prosthodontics and Crown and Bridge	3 Years
	PG Diploma in Dental Materials	2 Years
	PG Certificate Course in Aesthetic Dentistry	1 Year
	PGCertificate Course in Oral Implantology	1 Year
PG Certificate Course in Laser Dentistry	6 Months	

Institution/Department	Academic Programs	Course duration
Manipal College of Nursing, Manipal	BSc Nursing	4 Years
	PB BSc Nursing	2 Years
	Post Basic Diploma - Cardio Thoracic Nursing	1 Year
	Post Basic Diploma - Critical Care Nursing	1 Year
	Post Basic Diploma - Emergency and Disaster Nursing	1 Year
	Post Basic Diploma - Psychiatric/Mental Health Nursing	1 Year
	Post Basic Diploma - Nurse practitioner in midwifery	1 Year
	Post Basic Diploma - Oncology Nursing	1 Year
	Post Basic Diploma in - Orthopedic and Rehabilitation Nursing	1 Year
	Post Basic Diploma - Neonatal Nursing	1 Year
	Post Basic Diploma - Neuro Science Nursing	1 Year
	Post Basic Diploma - Operation Room Nursing	1 Year
	MPhil Nursing (Part Time)	2 Years
	MSc Community Health Nursing	2 Years
	MSc Medical Surgical Nursing	2 Years
	MSc Obstetrics and Gynaecologic Nursing	2 Years
	MSc Child Health (Paediatric) Nursing	2 Years
MSc Psychiatric (Mental Health) Nursing	2 Years	
School of Nursing, Manipal	Diploma in General Nursing and Midwifery	3 Years
Manipal College of Pharmaceutical Sciences, Manipal	Bachelor of Pharmacy (BPharm)	4 Years
	BPharm (Lateral Entry)	3 Years
	BPharm (Practice)	2 Years
	PharmD	5 Years + 1 Year Internship
	PharmD Post Baccalaureate	2 Years + 1 Year Internship
	MPharm Pharmaceutical Administration	2 Years
	MPharm Pharmaceutical Biotechnology	2 Years
	MPharm Pharmaceutical Chemistry	2 Years
	MPharm Pharmaceutical Quality Assurance	2 Years
	MPharm Pharmaceutics	2 Years
	MPharm Pharmacognosy	2 Years
	MPharm Pharmacology	2 Years
	MPharm Drug Regulatory Affairs	2 Years
	MPharm Industrial Pharmacy	2 Years
MPharm Pharmacy Practice	2 Years	
PG Diploma in Drug Analysis	1 Year	
School of Communication, Manipal	BA (Media and Communication)	3 Years
	BSc Animation	3 Years
	MA (Media and Communication)	2 Years
	PG Diploma in Corporate Communication	1 Year
	MA (Film Art and Film Making)	2 Years
	Certificate Course in Animation Technology	6 Months
School of Management, Manipal	Master of Business Administration (MBA)	2 Years
	Master of Business Administration - Healthcare Management	2 Years
	Master of Business Administration - Global Business	2 Years

Institution/Department	Academic Programs	Course duration
School of Regenerative Medicine, Bangalore	MSc (Regenerative Medicine)	2 Years
	MPhil Regenerative Medicine	1 Year
	Advanced PG Diploma in Stem Cells and Regenerative Medicine	1 Year
Faculty of Architecture, Manipal	Bachelor of Architecture (BArch)	5 Years
	Bachelor of Design (Fashion Design) [BDes (FD)]	4 Years
	Bachelor of Design (Interior Design) [BDes (ID)]	4 Years
	Executive MArch (Advanced Design - Part Time)	3 Years
	Masters in Urban Design and Development (MUDD)	2 Years
	MA (Interior Design)	2 Years
	MA (Fashion Management)	2 Years
Manipal Institute of Technology, Manipal	Certificate in Fashion Design (CFD)	1 Year
	BTech Aeronautical Engineering	4 Years
	BTech Automobile Engineering	4 Years
	BTech Biomedical Engineering	4 Years
	BTech Biotechnology Engineering	4 Years
	BTech Chemical Engineering	4 Years
	BTech Civil Engineering	4 Years
	BTech Computer Science and Engineering	4 Years
	BTech Computer and Communication Engineering	4 Years
	BTech Electrical and Electronics	4 Years
	BTech Electronics and Communication	4 Years
	BTech Industrial and Production Engineering	4 Years
	BTech Information Technology	4 Years
	BTech Instrumentation and Control Engineering	4 Years
	BTech Mechanical Engineering	4 Years
	BTech Mechatronics	4 Years
	BTech Print and Media Technology	4 Years
	BTech (Lateral Entry)	3 Years
	Master of Computer Applications (MCA)	2 Years
	MTech in Aero space Engineering	2 Years
	Mtech (Automobile Engineering)	2 Years
	MTech (Bioinformatics)	2 Years
	MTech (Biomedical Engineering)	2 Years
	MTech (Chemical Engineering)	2 Years
	MTech (Computer Aided Analysis and Design)	2 Years
	Mtech (Computer Networking and Engineering)	2 Years
	Mtech (Computer Science and Engineering)	2 Years
	MTech (Computer Science and Information Security)	2 Years
	MTech (Construction Engineering and Management)	2 Years
	MTech (Control Systems)	2 Years
	MTech (Digital Electronics and Advanced Communication)	2 Years
	MTech (Energy Systems and Management)	2 Years
MTech (Engineering Management)	2 Years	
Mtech(Environmental Engineering)	2 Years	
MTech (Industrial Automation and Robotics)	2 Years	
Mtech(Industrial Biotechnology)	2 Years	
MTech (Industrial Pollution and Control)	2 Years	

Institution/Department	Academic Programs	Course duration
Manipal Institute of Technology, Manipal	MTech (Manufacturing Engineering and Technology)	2 Years
	MTech (Microelectronics)	2 Years
	MTech (Power Electronics and Drives)	2 Years
	MTech (Printing and Media Technology)	2 Years
	MTech (Software Engineering)	2 Years
	MTech (Structural Engineering)	2 Years
	MTech (Thermal Sciences and Energy Systems)	2 Years
Science Programs, Manipal	MSc Chemistry	2 Years
	MSc Applied Mathematics and Computing	2 Years
	MSc Physics	2 Years
	MSc Geology	2 Years
School of Life Sciences, Manipal	BSc Biotechnology	3 Years
	MSc Bioinformatics	2 Years
	MSc Medical – Biotechnology	2 Years
	MSc Medical – Molecular Biology and Human Genetics	2 Years
	PG Diploma in Cellular and Molecular Diagnostics	1 Year
Welcomgroup Graduate School of Hotel Administration, Manipal	Bachelor of Hotel Management (BHM)	4 Years
	Bachelor of Hotel Management (BHM)(Lateral Entry)	3 Years
Culinary Arts and Allied Hospitality Studies	BA (Culinary Arts)	3 Years
	MSc Hospitality and Tourism Management	2 Years
	MSc in Dietetics and Applied Nutrition	2 Years
	PG Diploma in Culinary Arts	1 Year
Department of European Studies, Manipal	MA (European Studies)	2 Years
	Certificate Course in German	16 Weeks
	Certificate Course in Spanish	4 Months
Department of Virus Research, Manipal	MSc Clinical Virology	2 Years
Department of Philosophy and Humanities, Manipal	MA (Philosophy)	2 Years
	MA (English)	2 Years
	MA (Sociology)	2 Years
	Integrated MA - PhD	5 Years
Department of Library and Information Science, Manipal	Master of Library and Information Science	2 Years
	Master of Library and Information Science (Lateral Entry)	1 Year
	Certificate Course in Library and Information Science	6 Months
Manipal Centre for Natural Sciences, Manipal	MPhil (Natural Sciences)	18 Months
Center for Integrative Medicine and Research (CIMR), Manipal University	MSc Yoga Therapy	2 Years
	PG Certificate Course in Panchakarma	6 Months
Centre for Gandhian and Peace Studies	An evening eight-week certificate course in Gandhian and Peace Studies	2 Months

Students Statistics at Various Institutions/Department as per December 2016

Sl no	Names of the Constituent Colleges/Institutions		Men	Women	Total
Manipal Campus					
1	Kasturba Medical College	Undergraduate	620	684	1304
		Postgraduate	362	332	694
2	School of Allied Health Sciences	Undergraduate	365	862	1227
		Postgraduate	84	211	295
3	School of Life Sciences	Undergraduate	40	94	134
		Postgraduate	17	52	69
4	Department of Library and Information Science	Undergraduate	4	7	11
		Postgraduate	3	6	9
5	Department of Statistics	Postgraduate	13	21	34
6	Department of Public Health	Postgraduate	73	110	183
7	Department of Virus Research	Postgraduate	3	8	11
8	Manipal Institute of Technology	Undergraduate	6170	1403	7573
		Postgraduate	565	287	852
9	Department of Sciences	Postgraduate	53	107	160
10	Faculty of Architecture	Undergraduate	338	429	767
		Postgraduate	26	37	63
11	School of Information Sciences	Postgraduate	213	128	341
12	School of Management	Postgraduate	171	133	304
13	Department of Commerce	Undergraduate	506	209	715
		Postgraduate	112	127	239
14	School of Communication	Undergraduate	181	210	391
		Postgraduate	32	66	98
15	Department of Geopolitics and International Relations	Postgraduate	12	8	20
16	Department of European Studies	Postgraduate	7	15	22
17	Department of Atomic and Molecular Physics	Postgraduate	17	12	29
18	Manipal College of Pharmaceutical Sciences	Undergraduate	281	373	654
		Postgraduate	113	121	234
19	Manipal College of Dental Sciences	Undergraduate	154	401	555
		Postgraduate	43	99	142
20	Welcomgroup Graduate School of Hotel Administration	Undergraduate	431	114	545
21	Department of Allied Hospitality Studies	Undergraduate	13	4	17
		Postgraduate	38	111	149
22	Department of Culinary Arts	Undergraduate	181	114	295
		Postgraduate	17	11	28
23	Manipal College of Nursing	Undergraduate	44	384	428
		Postgraduate	9	66	75
24	Manipal School of Nursing, Manipal	Diploma	20	206	226
25	Melaka Manipal Medical College	Undergraduate	364	555	919
26	International Centre for Applied Sciences	Undergraduate	246	34	280
Mangalore Campus					
27	Kasturba Medical College	Undergraduate	629	916	1545
		Postgraduate	167	216	383
28	Manipal College of Dental Sciences	Undergraduate	126	315	441
		Postgraduate	26	55	81
Bengaluru Campus					
29	School of Regenerative Medicine	Postgraduate	6	15	21
Centres of Excellence					
30	Department of Philosophy and Humanities	Postgraduate	18	27	45
31	Manipal Centre for Natural Sciences	Postdoctoral Research Fellow	5	1	6
Off Shore Campus					
32	Manipal University Dubai Campus		1234	887	2121
33	Melaka Manipal Medical College - Melaka Campus		891	1417	2308

Members of Teaching at Various Institute/Departments as per December 2016

Names of the Constituent Colleges/Institutions	Men	Women	Total
Manipal Campus			
Kasturba Medical College	270	146	416
School of Allied Health Sciences	64	77	141
School of Life Sciences	21	4	25
Department of Library and Information Science	2	1	3
Department of Statistics	4	3	7
Department of Public Health	5	7	12
Department of Virus Research	1	3	4
Manipal Institute of Technology	425	204	629
Faculty of Architecture	31	40	71
School of Information Sciences	22	3	25
School of Management	13	8	21
Department of Commerce	23	11	34
School of Communication	13	8	21
Department of Geopolitics and International Relations	4	0	4
Department of European Studies	4	1	5
Department of Atomic and Molecular Physics	17	3	20
Manipal College of Pharmaceutical Sciences	58	10	68
Manipal College of Dental Sciences	40	43	83
Welcomgroup Graduate School of Hotel Administration, Manipal	431	114	545
Manipal College of Nursing	7	49	56
Manipal School of Nursing	1	16	17
Melaka Manipal Medical College	77	77	154
International Centre for Applied Sciences	7	2	9
Mangalore Campus			
Kasturba Medical College	250	150	400
Manipal College of Dental Sciences	25	49	74
Bengaluru Campus			
School of Regenerative Medicine	4	5	9
Centres of Excellence			
Manipal Centre for Philosophy and Humanities	4	4	8
Manipal Centre for Natural Sciences	8	1	9
Off Shore Campus			
Manipal University Dubai Campus	43	32	75
Melaka Manipal Medical College - Melaka Campus	74	43	117

Members of Teaching at Various Institute/Departments as per December 2016

Names of the Constituent Colleges/Institutions	Men	Women	Total
Manipal Campus			
Kasturba Medical College	157	107	264
School of Allied Health Sciences	12	17	29
School of Life Sciences	19	12	31
Department of Statistics	1	2	3
Department of Public Health	3	2	5
Department of Virus Research	86	68	154
Manipal Institute of Technology	266	98	364
Department of Sciences	2	0	2
Faculty of Architecture	11	8	19
School of Information Sciences	3	4	7
School of Management	5	3	8
Department of Commerce	5	3	8
School of Communication	21	7	28
Department of Geopolitics and International Relations	0	4	4
Department of European Studies	2	4	6
Department of Atomic and Molecular Physics	7	2	9
Manipal College of Pharmaceutical Sciences	28	35	63
Manipal College of Dental Sciences	28	60	88
Welcomgroup Graduate School of Hotel Administration	25	11	36
Manipal College of Nursing	5	13	18
Manipal School of Nursing	0	2	2
Melaka Manipal Medical College	5	15	20
International Centre for Applied Sciences	2	8	10
Mangalore Campus			
Kasturba Medical College	147	189	336
Manipal College of Dental Sciences	40	96	136
Bengaluru Campus			
School of Regenerative Medicine	0	1	1
Centres of Excellence			
Department of Philosophy and Humanities	2	5	7
Manipal Centre for Natural Sciences	7	1	8
Off Shore Campus			
Manipal University Dubai Campus	35	14	49
Melaka Manipal Medical College - Melaka Campus	21	60	81

Convocation 2016

22nd Convocation



Chief Guest: Mr Niall Dickson Chief executive General Medical Council (GMC), London, United Kingdom
Date: Saturday, 21 May 2016, **Venue:** Dr TMA Pai International Convention Centre, MG Road, Mangalore

23rd Convocation

Program Day 1



Chief Guest: Prof Anil Dattatraya Sahasrabudha, the chairman of All India Council for Technical Education (AICTE)
Date: Saturday, 19 Nov 2016, **Venue:** KMC Greens, Manipal

Program Day 2



Chief Guest: Mr Rajiv Suri President and CEO, Nokia
Date: Sunday, 20 Nov 2016 **Venue:** KMC Greens, Manipal

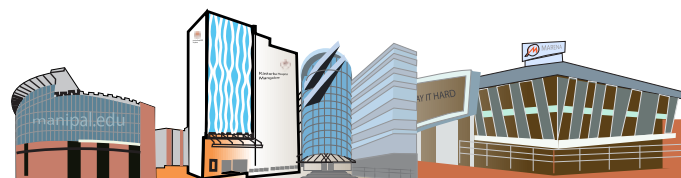
Program Day 3



Chief Guest: Mr Praveen P Kadle Founding Managing Director and CEO, TATA Capital
Date: Saturday, 26 Nov 2016 **Venue:** KMC Greens, Manipal

III

Glimpses of the University



Admissions

Indian admissions:

Manipal University is a global knowledge destination celebrating its sixth decade in education, educating more than 33,000 students from 47 countries. Here, the students have the largest number of courses to choose from. There are over 328 courses offered in 20 diverse disciplines, being taught across 16 Institutions and 15 University teaching departments. Admissions for all these courses are centralized and admission office carries out the function of enrolling the students to the entire constituent institutions/ departments. Manipal University takes pride in stating that we follow “admission by merit only” policy. Counselling for admission was conducted for various courses where the prospective students appeared in the counselling as per their rank and took admission to various courses.

The future that is firmly rooted begins with admissions office, with full of possibilities and embraces opportunities. A total of 1,40,199 applications were sold in 2016. Admission office handled over 68,90,949 emails, over 2,91,124 calls and sent over 7,97,424 SMSs in the year 2016.

New initiatives in 2016:

- Webinar series conducted for the applicants and leads of various UG and PG programs.
- Periodic meetings with the Hols for the review of the applications and discuss the way ahead for improving the same.
- Participation of the faculty members in the “Teenovators” regional events held in six cities in India.

» Exclusive Manipal University Edu Fest

- Participation of the entire constituent institutions/ departments of Manipal University at the exclusive MU Edu Fest.
- To bring awareness of all programs of MU to the local population.
- Plans for implementation in South Indian states over the next two years.

With an objective of encouraging meritorious students and academic excellence, Manipal University offers “Freeship,” “Merit cum Means” scholarship and other scholarships. Listed below is the information on this as well as other scholarships offered in 2016.

Freeship: A total of three students admitted to MBBS course having rank within the first 1000 in the merit list in NEET 2016 and one student admitted to BPharm having rank within the first 100 of the merit list in MUOET 2016 were offered 100 percent freeship.

Merit cum Means Scholarship: A total of 63 students were given scholarship and the percentage of scholarship offered is determined based on the parents’ annual income and rank in MBBS, BTech and BPharm and Nursing merit lists.

AICTE Scholarship: A total of 89 students were given scholarship as per the AICTE scheme on tuition fee waiver for economically backward meritorious students of BTech course.

Scholarship for academy of General Education Students (SAGES):

A total of 187 students were given scholarship as per their parent’s income, rank in MUOET and percentage of marks in the qualifying examination.

Konkani speaking students and students from Academy of General Education (AGE) colleges were provided 25 percent tuition fee waiver for Allied Health Sciences and Nursing undergraduate courses and 10 percent tuition fee waiver for other courses.

Online entrance test: 1,12,358 candidates had booked the test schedule of their choice for first attempt and 16,092 booked for second attempt and 2,119 for the third attempt in the online test booking system (OTBS). The user-friendly online test booking system was revamped to facilitate the booking of second attempt. The tests were conducted in 45 centres all over India and one centre abroad. The online entrance tests have been successfully conducted for the 10 consecutive years with zero errors.

Counselling: Counselling for various courses was conducted successfully and over 27,000 candidates reported for counselling/admissions in the year 2016.

New courses introduced in 2016:

- P G Diploma in Drug Analysis
- MSc (Perfusion Technology)
- ME (Automotive Embedded Systems)
- ME (Big Data and Data Analytics)
- BPharm (Practice)
- MTech (Automobile Engineering)
- MPhil (Natural Sciences)
- MCom (Professional)
- MCom (Banking Technology)
- MA (Fashion Management)
- BSc (Exercise and Sport Sciences)
- An eight-week evening certificate course in Gandhian and Peace Studies

International admissions:

Manipal University is home to the largest international population in India for the last six decades. With its reputation for providing high quality education through its world-renowned faculty members, state-of-the-art infrastructure, world-class facilities and global standard curriculum, Manipal is an ideal educational centre for international students. The University has international academic collaborations for twinning programs in medical, dental, engineering and journalism with universities in the United States, Australia, United Kingdom and other countries.

Fifteen percent of the total seats are offered under foreign/NRI category to various postgraduate and under-graduate courses that include foreign citizens, PIO Card Holders, OCI (Overseas Citizens of India), Non-Resident Indians and NRI sponsored students (sponsored by NRI parents, parents' direct brother/sister and candidate's direct brother/sister). NRI sponsored seats sponsored by parents' direct brother/sister or candidate's direct brother/sister are not applicable for MBBS, BDS and BArch courses.

In the year 2016-17, we received a total of 2,665 applications and 376 students were admitted. At present we have 2,925 students from over 67 countries (1,674 foreign citizens (including OCI and PIO), 884 Non-Resident Indians and 367 NRI sponsored students) on rolls, pursuing their higher education in the various colleges/schools of Manipal University.

International Admissions Office at Manipal University handles the admission of foreign and NRI students with

admission and other formalities. The department helps the foreign students to obtain the student visa from various Indian embassy/consulates abroad as well as to register with the Foreigners Registration Office at Manipal and Mangalore within 14 days of entry to India to obtain registration certificate and registration permit. The department also forwards the list of students admitted along with their required documents to Ministry of External Affairs, Ministry of Human Resource Development, Ministry of Health and Family Welfare and Government of India to obtain the "No Objection Certificates" for foreign students to pursue their higher education at our University.

The International Admissions Office has promotional activities like education shows/fairs in Bahrain, Saudi Arabia, Kuwait, Sultanate of Oman, Sri Lanka, Indonesia, Thailand, Abu Dhabi, Ras Al Khaimah, Sharjah and UAE.

The consistent emphasis on quality has seen its degrees being recognized worldwide. Manipal University has an active alumnus across the world. One in five doctors in Malaysia is a Manipal Alumni and has over 4000 plus doctors from Manipal practicing in the United States of America and United Kingdom. Similarly, students from Manipal are working in different parts of the world.

Admissions for MBBS and BDS courses under foreign/NRI category was based on the marks/grades in the qualifying examination and the valid score in the All India overall rank obtained in the National Eligibility cum Entrance Test (NEET). Admissions for other courses were on first come basis as per the mark/grades obtained by the candidates in the qualifying examination.

University hostels, Manipal

1. General:

There is sufficient hostel accommodation for both male and female students. The accommodation is of two types i.e., air conditioned and non air conditioned. All rooms are suitably furnished with a cot, mattress, a study table, a chair and a cupboard for each occupant. Every hostel has uninterrupted electricity and water supply. Solar heated water is available during specific timings in the mornings

and evenings.

2. Hostels:

- a) Boys – New Bachelor Quarters (NBQ), Khorana (Boys), Raman, Nehru, Tagore, are all non AC hostels. New international hostels (B block), Amartya Sen and Charaka, are AC hostels.
- b) Girls – Sharada, Khorana (Ladies), Old Sarojini (OSB), New Sarojini (NSB), Rajaji, Kamaraj, Indira, Sonia, Nursing Training School (NTS) and Post

Graduate (PG), Nehru Ladies, are all non AC hostels. Old S Chandrashekar is a centrally air conditioned hostel with single and double AC rooms and New S Chandrashekar and New International are also centrally air conditioned hostels with single AC rooms only. Nehru Ladies AC Hostel is an AC Hostel with single and double rooms fitted with window ACs. In addition, Sharada, Indira and Sonia hostels also have separate AC blocks with single AC rooms.

c) In all there are a total of 32 blocks having 5534 seats in single/double rooms with attached/common bathrooms. First year students are accommodated in separate designated hostels to ensure no scope for ragging which, in any case, is minimal. KMC medical students are housed in separate hostels (Nehru hostel for boys and Indira hostel for girls) to meet MCI regulations.

3. Common facilities:

There are common reading rooms, TV rooms, indoor games and water coolers with Aquaguard.

4. Food court:

To cater to popular demand, a centrally air conditioned Food Court is located in the campus where a student mess is also functioning. Fast food is also available on demand. Around 1500 persons (i.e., regular dining in members and guests) can have food at one time. Food Court is centrally located in the campus at Manipal Health Sciences campus and is run by “Chef on Wheels.”

5. Management of hostels:

Hostel Management Committee manage the hostels under the benign chairpersonship of Madam Vasanthi R Pai. Day to day management is looked after by a full time Chief Warden, assisted by separate hostel wardens from the teaching faculty. Chief Warden reports to the Registrar. There is an efficient redressal system in place to attend to any complaints from the students.

Engineering and Management Hostels

Message from Chairperson



Manipal has grown into an international hub of academic excellence with a very large number of international and Indian student residents.

A very large number of students (approximately 8,000) belonging to Engineering, Management, Architecture, Communication and Department of Commerce

reside in the engineering and management hostels at MIT campus. A happy mix of AC and non-AC single and double rooms to suit the individual requirements of all students is available. There is a dedicated team of officials and workers to make the stay of students comfortable and providing an ambience of “home away from home.”

We follow the dictum of “Pursuit of Excellence” in managing our hostels to make the stay of our students memorable.

General Information

- Institutions catered: 8
- MIT, FOA, SOC, SOM, SOIS, DOC, ICAS, DOS
- Hostel capacity: 7690 (Boys: 5605; Girls: 2085)
(However, with a heavy over-subscription in 2016, approximately 200 seats have been taken from the medical hostels on a temporary basis).
- Chief warden: Col CMS Kalakoti
- Wardens: 38 (Boys: 23 Girls: 15)
- Number of Blocks: 25 (Boys: 14 Girls: 11)
- Number of messes: 6, Boys: 2, Girls: 3, and Food Court

Hostel Facilities

The following facilities are available in MIT Hostels:

- The hostel provides a cot, a mattress, a study table, a chair and a cupboard for each student.

Engineering and management hostels at a glance:



MIT Hostel – Food Court



MIT Hostel – Messes



MIT Girls Hostel Block XIII – Inner View

- All hostels have indoor games (carom, table tennis, chess etc) facilities and some hostels have gymnasium, volleyball, basketball, throw ball, badminton courts.
- Swimming Pool, basketball courts, well-lit stadium, football grounds and hockey grounds are available for all.

Sports facilities at MIT campus:

- Every hostel has 24-hour electricity and water supply, solar heated water facility, water cooler with aqua guard filters, common telephone, common TV room, washing machine (ladies blocks only) etc.
- Excellent mess facilities (being provided by Chef on Wheels) are available for all students in different messes, i.e., Food Court/Annapoorna/Aditya/Ashraya/Aradhana/Ananya mess. Students can choose to be a member of any one of these messes.

Membership in any one of these messes is compulsory for all first-year students in hostels. Seniors can choose any mess for availing these facilities.



Facilities – Sports



Facilities: Gym



MIT Swimming pool



MIT Boys Hostel Facilities

Gym facilities at MIT hostels



Additions/developments during the year:
MIT Playground

Addition:

1) New international hostel "C" block (400 seats) with inbuilt food court for ICAS Students has been added.



2) ACs: 221 ACs have been added the following hostels:

- 8 Block (Girls): 36 Nos
- 13 Block (Girls): 41 Nos
- 19 Block (Boys): 48 Nos
- 20 Block (Boys): 48 Nos
- 21 Block (Girls): 48 Nos

3) Playground:

- 2 x handball courts in front of 10 block (with night lights);
- Relaying and turfing of 2 x tennis courts under process;
- 1 x basketball court in front of 19 block under progress;
- Night lights for Football Ground under process.

Deletion:

- 1) K block (96 Seats) has been demolished for construction of new ladies AC block (500 Seats).

Planned for future (2017):

- 1 x Food Court planned.
- ACs and refurbishing of hostel block 9.

Mu hostels, Mangalore

our hostels house and provide “Home away from home” to well over 2330 students and are managed very well by Chief Warden, Col P K Shetty, assisted by wardens of the respective hostels.

All hostels have independent mess facilities managed by “Chef on Wheels,” a subsidiary company of Manipal University. All the hostel offices have been provided with computers and laser printers. Wi-Fi Internet connection has been provided to all the hostel rooms. Mangalore hostels have single seater AC rooms/double seater AC rooms/double and triple seater non-AC rooms for both boys and girls in separate blocks. Sturrock Hostel has single seater AC rooms, whereas Attavar, Bejai, Nandagiri, Lalbagh, Kaprigudda Annex “B” and “C” hostels have been partially converted into double seater and single seater AC rooms.

In the academic year 2016–17, 38 MBBS foreign/NRI students have been accommodated in AC rooms in Bejai new hostel.

Segregation of hostels has been made for MBBS students. Kaprigudda main block boy’s hostel and Kaprigudda annex “C” block boy’s hostel has been earmarked for MBBS boy students. Nandagiri ladies’ hostel has been earmarked for MBBS girl students. Falnir hostel first and second floors have been earmarked as interns ladies hostel and Kaprigudda “B” block has been earmarked for interns - boys. Falnir hostel third floor has been earmarked as the PG girl’s hostel and Kaprigudda main block third and fourth floor have been earmarked as the PG men’s hostel.

Bejai old B block has been re-designated as the new Allied Health Sciences girls Hostel and Dr Akshatha Nayak, Assistant Professor of Department of Physiotherapy has been appointed as warden from 19 Sep 2016.

Office of the registrar-evaluation

Examinations at a Glance:

- Examinations are conducted for 77 undergraduate courses, 253 postgraduate courses including super specialty, 51 other courses (includes Diploma, Certificate and Premedical) and PhD programs.
- Online entrance examinations are conducted for the admission to various postgraduate and undergraduate courses.
- Examinations of branch campus are conducted.
- Question banks are generated in each subject and question papers are selected from the Question bank on the same day of examination and delivered to the Manipal University constituent institution 30 min prior to the commencement of examinations.
- Central valuation is done by double valuation (external and internal) through “On Screen Marking”, after scanning the answer scripts and uploading in the software (candidate’s identification masked to the evaluators).
- Third valuation is done if there is a difference of more than 15 percent of marks between the double valuations.
- The results are published within 10 to 30 days after the last examinations.

- The students are allowed to see their answer scripts during personal paper seeing.
- E-pad (paperless) examinations have been introduced across all the institutions.

Objectives of the department:

Conduction of examinations as per the annual schedule of examinations

Declaration of results as per the calendar

I. Total number of days on which the examinations have been conducted: 245 days

Month	Days	Month	Days
Jan	20	Jul	24
Feb	23	Aug	18
Mar	14	Sep	23
Apr	16	Oct	05
May	27	Nov	23
Jun	26	Dec	26

II. No of candidates appeared for examination during the year: 25,104

III. Programs for which the examinations have been conducted, and the number of candidates appeared for examination in the final year

Undergraduates passed out during the year 2016:

Sl no	Course	No of Students Appeared	No of Students Passed
1	MBBS	620	442
2	BDS	231	212
3	MBBS	170	163
4	BDS	74	74
5	BSc Nursing	122	103
6	PB BSc - Nursing	24	24
7	BPharm	128	69
8	Pharm D - Post Baccalaureate	34	34
9	BASLP	33	30
10	BHIA	07	06
11	BMIT	14	08
12	BMLT	16	13
13	PGDNMT	09	06
14	B Optometry	07	07
15	BOT	17	09
16	BPT	50	37
17	BSc CVT	21	16
18	BSc MRT	07	05
19	BSc PFT	15	14
20	BSc RRT and DT	09	09
21	BSc RT	25	24
22	BBA JDM	03	03
23	BAJC	108	74
24	BSc Biotechnology	20	20
25	BA- ID	03	03
26	BArch	160	118
27	BArch (ID)	01	01
28	BHM	41	29
29	BHM (Internal)	69	69
30	BBM e-Banking and Finance	75	43
31	BBM - Financial Market	30	13
32	BBM - Professional	48	32
33	BBM - Logistics	33	17
34	Bachelor in Hotel Management, Travel and Tourism	11	11
35	MSc (Library and Information Science)	05	05
36	BA (Culinary Arts)	31	29
37	Bio-Medical Engineering	23	21
38	Chemical Engineering	57	56
39	Civil Engineering	180	172
40	Computer Science and Engineering	216	210
41	Electrical and Electronics Engineering	171	163
42	Electronics and Communication Engineering	233	228
43	Industrial and Production Engineering	67	62
44	Mechanical Engineering	250	231
45	Printing Technology	16	13

Sl no	Course	No of Students Appeared	No of Students Passed
46	Information Technology	131	120
47	Instrumentation and Control Engineering	71	67
48	Biotechnology	22	22
49	Mechatronics	75	64
50	Aeronautical Engineering	48	45
51	Automobile Engineering	69	65
Total		1629	1539

Postgraduates passed out during the year 2016:

Sl no	Course	No of Students Appeared	No of Students Passed
1	MD/MS/DIPLOMA	306	283
2	DM/MCh	13	13
3	MPhil - Psychiatric Social Work	01	01
4	MSc Clinical Embryology	06	06
5	MSc Genetic Counselling	02	02
6	MSc Medical Final	51	41
7	MDS	69	68
8	MPhil Nursing	07	07
9	MSc Nursing	22	22
10	MPharm	105	105
11	MASLP	37	34
12	MHHIA	05	05
13	MMLT	13	11
14	MMRP	02	02
15	MNMT	10	03
16	MOT	14	13
17	MPhil Clinical Psychology	09	07
18	MPT	44	44
19	MRT	02	02
20	MSc Clinical Psychology	17	14
21	MSc Echo Cardiography	02	02
22	MSc HI (Healthcare IT Management)	03	03
23	MSc HI (Software Management and Development)	01	01
24	MSc MIT	14	05
25	MSc Optometry	07	07
26	MSc RRT and DT	02	02
27	MBA	142	122
28	MBA - Healthcare Management	26	23
29	MA Communication	45	42
30	Post Graduate Diploma in Corporate Communication	03	03
31	MSc Tech (Computing Technologies and Virtualisation)	06	06
32	MSc Tech Dual (Embedded System and Instrumentation)	27	27
33	MSc Tech (Embed-system)	75	75
34	MSc Tech (Embedded and Wireless Technology)	11	11
35	MSc Tech (Medical Software)	13	13
36	MSc Tech (VLSI-design)	41	41

Sl no	Course	No of Students Appeared	No of Students Passed
37	MSc Tech (VLSI-System Design and Verification)	04	04
38	MSc Information Science	07	07
39	MSc Bioinformatics	09	09
40	MSc Molecular Biology and Human Genetics	18	18
41	MSc Medical Biotechnology	13	13
42	Post Graduate Diploma Programme in Cellular and Molecular Diagnostics	16	16
43	MPhil – Regenerative Medicine	02	02
44	MSc Regenerative Medicine	15	15
45	Executive MArch	04	04
46	MArch - UDD	05	03
47	MSc Nanoscience	04	04
48	MSc Photonics	11	11
49	MCom - Logistics and Supply Chain	52	50
50	Post Graduate Diploma in Logistics and Supply Chain	04	03
51	MSc (Dietetics and Applied Nutrition)	47	47
52	MSc (Hospitality and Tourism Management)	16	15
53	PG Certificate Course in Panchakarma, Division of Ayurveda	04	04
54	MSc Yoga Therapy, Division of Yoga	05	05
55	Master in European Studies and Management (MESM)	02	02
56	MA (Geopolitics and International Relations)	14	13
57	MHA (Masters in Hospital Administration)	37	33
58	MPH (Master of Public Health)	42	42
59	MSW (Master of Social Work)	38	35
60	MSc Chemistry	20	19
61	MSc Mathematics	29	29
62	MSc Physics	29	29
63	MSc Biostatistics	16	16
64	MSc Clinical Virology	04	04
65	Post Graduate Diploma in Culinary Arts	14	09
66	Bio-Medical Engineering	24	23
67	Computer Science and Engineering	25	25
68	Construction Engg. and Management	17	17
69	Digital Electronics and Advanced Communication	25	23
70	Energy Management, Auditing and Lighting	18	18
71	Engineering Management	17	15
72	Structural Engineering	24	24
73	Computer Aided Mechanical Design and Analysis	18	18
74	Control Systems	18	16
75	Manufacturing Engineering and Technology	18	17
76	Network Engineering	17	17
77	Software Engineering	17	17
78	Printing and Media Technology	13	6
79	Microelectronics	18	18
80	Power Electronic Systems and Control	18	18

Sl no	Course	No of Students Appeared	No of Students Passed
81	Astronomy and Space Engineering	18	15
82	Industrial Bio - Technology	17	16
83	Computer Science and Information Security	16	16
84	Chemical Engineering	16	16
85	Environmental Engineering	18	18
86	Biochemical Engineering	3	3
87	Industrial Pollution Control	3	3
88	Advanced Thermal Power and Energy System	17	17
89	Master of Computer Applications	59	56
Total		454	432

Doctorate (PhD) in the year 2016:

Sl.no	Institution	No of PhD awarded
1	Advinus Therapeutics Ltd, Bangalore	1
2	ATREE, Bangalore	1
3	Bharatiya Vidya Bhavan, Bangalore	1
4	CDFD, Hyderabad	17
5	CSCS, Bangalore	3
6	CWS, Bangalore	1
7	DAMP, Manipal	2
8	DOES, Manipal	1
9	DOS, Manipal	3
10	FRLHT, Bangalore	1
11	DVR, MU, Manipal	1
12	FOA, Manipal	1
13	IBAB, Bangalore	1
14	IOB, Bangalore	1
15	KMC, Mangalore	5
16	KMC, Manipal	7
17	Lupin Research Park, Pune	3
18	MCODS, Manipal	1
19	MCON, Manipal	1
20	MCOPS, Manipal	13
21	MCPH, Manipal	2
22	MIT, Manipal	11
23	MMMC, Manipal	6
24	NCBS, Bangalore	4
25	NCF, Mysore	1
26	NIAS, Bangalore	2
27	SOAHS, Manipal	6
28	SOC, Manipal	1
29	SOLS, Manipal	6
30	SORM, Bangalore	2
31	WGSMA, Manipal	1
TOTAL		107

IV) No of candidates appeared for online entrance examinations of 2016:

PG online	5,341
UG online	80,020
SMU UGET16	618 (Offline)
SMU PG	97
Other PG online	2,889

V) Printing of degree certificate in the year 2016:

Total no of degree certificate printed in 2016	10,861
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VI) Issue of various certificates in the year 2016:

Total mark cards issued	32,560
Total provisional pass certificates issued	3,410
Total consolidated marks card issued	369
Total duplicate marks card issued	375
Total name corrections in mark card	70

VII) No of question papers used for university examinations in the year 2016:

Under Graduate	2,032
Post Graduate	2,356
Total	4,388

VIII) Examiners appointed for University examinations in the year 2016:

Externals	2,845
Internals	3,519
Total	6,364

IX) Total no of answer books scanned/coded in the year 2016:

Scanned	65,953
Coded	569

X) Total no of documents scanned in the year 2016:

Total MCQ's scanned	1,34,960
Documents scanned for DMS	1,46,165

Alumni Relations

Right from 1953, when the first lot of students came to study medicine in Manipal till date, over a lac students have graduated and left the portals of this great University. Memories of the good old days in Manipal are strongly etched in the minds of the alumni. For those who have seen Dr TMA Pai, the founder, nurture and shape this education hub in the beginning, for those who have been associated with different institutions under Manipal Academy of Higher Education (MAHE) and affiliated to different universities, and for those others who have studied and left after MAHE became Manipal University in 1993, the years spent on this campus is an unforgettable experience.

Manipal's alumni are all over the globe. And they are not just from medicine and engineering fields, but from other institutions of the University, which today has over 33,000 students from 59 countries. With off-campus in Mangalore and Bangalore, and offshore campuses in Dubai (UAE) and Melaka (Malaysia) the alumni base is drawn from a wider community and student body. There are over 5000 doctors from Manipal practicing in the United States and United Kingdom. One in four doctors in Malaysia is a Manipal alumni. Similarly, students from Manipal are working in different parts of the world.

It is the endeavour of the Alumni Relations of Manipal University to bring all our Alumni on one platform to create a global group of Manipalites. We at Manipal are working towards creating opportunities to network, share nostalgic moments, help your juniors and partner in the growth of your alma mater. The alma mater conducts an alumni meet wherein many alumni are likely to participate.

The institutions invite the distinguished alumni to present a lecture or for an interaction with the students as an epitome for the fresher's. The office of Alumni Relations keeps updating the records of the alumni regarding the changes in their profile.

Our new alumni portal has many features which will ensure that alumni can register themselves and keep appraising of various activities with frequent interaction. Their active participation and support in the activities of the University Alumni Association and the alumni portal will help us work together to take Manipal University forward in the years to come. We also look forward to feedback and suggestions from alumni on the portal to carry forward this initiative. It is just a small step to bringing the alumni closer to their old acquaintances.

It is the endeavour of the Alumni Relations Department of Manipal University to bring together every single ex-student, no matter which continent he or she may be in, on one platform for a truly global group of Manipalites. To think of the alumni from the very early batches, or for that matter from the recent ones coming face to face with say the Microsoft boss Satya Nadella, or the Nokia head Rajevee Suri at some alumni meet may sound fanciful. But it is not improbable. Alumni Relations is working towards that goal and hence this website. It has been created exclusively for the alumni. New users are to register and continue and those already enrolled, should start using the many options out there for interaction with each other. Keep it alive, keep it going and have fun.

University Alumni Meet 2016



Manipal University has organized an Alumni Reunion Day i.e., "Alumni Meet- 2016" on 18 Dec 2016 at Manipal. This was the ninth alumni meet organized by the University covering its entire constituent institutions including Mangalore and Bangalore campuses. About 500 dignitaries had participated from all over India and abroad. There was a special crowd from MIT batch of 1987 to 91, MCOBS batch of 1991 to 95, KMC Manipal/Mangalore MBBS batch of 1986-91, different batches from School of Nursing and College of Nursing etc.

All heads of the constituent institutions, faculty alumni, University officials, MU volunteers, nominated students and co-ordinators of the Alumni Relations attended the function held at Hotel Fortune Inn Valley View, Manipal. Dr Ramnarayan welcomed all the dignitaries and proud alumni of our different institutions.

Many MITians had shared their professional experience as well as solemn moments and memories of the Manipal life and MIT in particular. They also applauded the Institute for the excellent knowledge that they gained during their time here, and pointed out that the stay at MIT was the best part of their life and that it moulded them to be successful. Health Science alumni recalled their golden memories, nostalgia and festive merriment of Manipal. They also cherished being alumni of Manipal University and attributed their success to their alma mater.

Mr Prasanna R Kailaje, Director, Alumni Relations, Manipal proposed vote of thanks. The dinner was served during the melodious instrumental music program conducted by Mr Prakash Devadiga, Karkala, at the Valley View Lawns. Many senior alumni from different institutions attended and enjoyed this wonderful evening.

Global Manipal Alumni Convention 2016





Global Manipal Alumni Convention 2016 was held on 16 and 17 Dec. The objective of the Global Manipal Alumni Convention is to bring together Alumni members from across all streams of Manipal University, so that they can recreate their days at Manipal and network with each other. The event objective was to foster positive connections with Manipal University community and alumni for the betterment of the community. The event was facilitated by the KMC Alumni Association, Bangalore.

Global Manipal Alumni Convention was a signature alumni weekend, featuring an engaging mix of casual and formal events from networking and learning opportunities through academic sessions, presence of keynote speakers to entertainment. Alumni members from across the globe attended this convention. The vast and in-depth knowledge of invited keynote speakers, Mr Nandan Nilekani and Dr Abraham Verghese indeed added great value to one and all, present at the Convention.

The event was a grand success and we look forward to the next Global Manipal Alumni Convention, which is tentatively scheduled in 2018.

Alumni Reunions

KMC, Manipal

1) Department of Ophthalmology:

- a. OEU Alumni Reunion at Manipal was conducted by the Department of Ophthalmology, KMC Manipal on 2 and 3 Jul 2016.
- b. OEU Alumni CME was conducted at Country Inn and Suites, Manipal, on 3 Jul 2016.

2) Department of Radiodiagnosis and Imaging:

Department of Radiodiagnosis and Imaging, Manipal, for the first time conducted an Alumni Meet and CME on Imaging Update on 27 Dec 2015. The meet has been found a great success with 40 eminent alumni radiologists from various states. It included alumni from 1998 to 2012 batches. Many of the alumni radiologists delivered a speech and enlightened with their expertise. It was a great get together and a platform to memorise and cherish golden memories of Kasturba Medical College, Manipal University.

3) Department of Orthopaedics:

Alumni meet was conducted on 2–3 Jan 2016 at Manipal by the Department of Orthopaedics. It consisted of series of lectures, paper presentations from alumni and group discussions. 96 alumni attended this event from India and abroad.



- KMC 1969 batch alumni reunion was held in Hotel Citrus, Goa on 18–21 Feb 2016. This event was co-ordinated by Dr Ganesh Pai, Aveloor, Manipal. About 120 alumni were gathered from all over the globe.

- The South Africa Chapter Alumni Meet was held on 6 Aug 2016. 80 alumni from different parts of the globe participated in this reunion. The alumni reminisced their student days. They returned with fond memories of the event and lots of good wishes for their alma mater and whole group of Manipal as well.
- Alumni get together “KMC – Sangamam” was held in Puducherry, Kerala on 13-14 Dec 2016. Dr Cherian, Senior alumna of Kasturba Medical College co-ordinated this event for two days. More than 100 alumni were gathered for this two day event.
- 1982-87 KMC alumni were gathered in Manipal on 13-14 Dec 2016. Dr Unnikrishnan Karunakara, International President - Medicines sans Frontiers, co-ordinated this event. 32 alumni participated from all over the world.
- Batch of 1985-90 KMC, Manipal, alumni gathered in Manipal on 14-15 Dec 2016. This event was organized

by Dr Sandeep Shenoy, Ophthalmologist. More than 100 alumni gathered from India and abroad.

- 1986-91 KMC alumni meet was held in Manipal on 18-21 Dec 2016. The event was co-ordinated by Dr Anand Venugopal, KMC, Mangalore. Total participants of this event was 96.



KMC, Mangalore



1) Coordinated KMC, Mangalore, senior and city alumni at the NAAC interactive sessions on 24 May 2016. Participants: 40.

2) Facilitated Class of 1993, KMC, Manipal, Alumni reunion at KMC, Manipal, 15 Aug 2016. Participants: 80.



3) Facilitated KMC, Mangalore, Department of Anaesthesia Golden jubilee alumni reunion on 21 Oct 2016. Coordinator – Dr T V Shenoy and Dr Madhusudhan Upadhy. Participants: 150.



4) Facilitated class of 1980, KMC, Mangalore, reunion at Bolgatty Palace, Cochin on 18 Nov 2016. Coordinator – Dr G G Laxman Prabhu. Participants: 40.



5) Facilitated Class of 1991, KMC Mangalore reunion at Langkawi on 10-11 Dec 2016. Coordinator – Dr Priya Ballal. Participants: 75.



6) KMC 1996 batch alumni reunion was held in KMC, Mangalore on 23–24 Jan 2016.



7) Formation of alumni coordinators subcommittee at Manipal College of Dental sciences, Mangalore at ARMCODS at MCODES Mangalore on 15 Dec 2016. Coordinator – Dr Arathi Rao.



8) Created awareness of the Global Manipal Alumni convention (GMAC 2016). Dr Santosh Rai, associate director Alumni Relations and Dr Anand Venugopal, former Associate director attended the II Global Manipal Alumni convention held at Clarks Exotica Resorts, Bangalore on 16–17 Dec 2016.

9) Supported class of 1991 MCODES Mangalore reunion on 17 Dec 2016. Coordinator – Dr Arathi Rao. Participants: 80.

MIT, Manipal

Manipal Old Boys (MOB); Alleppy meet held on 13 Nov 2016:

The meeting was arranged at Ramada Resort in Alleppy, Kerala. Dr Vinod V Thomas (Registrar, Evaluation, MU), Mr Sam Mathew Chacko (1962), Mr Eapen (1957) and Dr M Vijaya Kini were invited on to the dais. The participants were informed them of the upcoming diamond jubilee in Jan 2017 and was given the dates of the inaugural function. The alumni was also urged to register on the portal alumni portal. Dr Vinod V Thomas reminisced about his time as a student and also spoke about the changes that have happened at Manipal since then. Mr Sam Mathew and Mr Eapen reminisced about their time at Manipal and paid tribute to our Founder Dr TMA Pai. One-minute silence was observed in memory of the alumni who passed away.



Nagpur alumni meet held on 21–24 Dec 2016:

The alumni meet of the 1965–1970 batch of MIT alumni held its annual meet at Nagpur from 21–24 Dec 2016. Dr M Vijaya Kini attended the meet on the invitation from Mr Ranjeet Deshmukh, alumni batch of the 1965–70. The meet was hosted by Mr Ranjeet Deshmukh (Mechanical batch 1971) and his family and co-hosted by Mr Anupam

Rai (Civil 1970 batch) who is also an Alumnus of MIT. About 75 people attended the meet (45 alumni with their family). A few of them were from abroad. On 21 Dec 2016 all the alumni gathered at the PG Hostel of NKPSIMS and RC, Digidoh. Mr Anupam Rai hosted a dinner in the evening at his residence for all. All the guests used this opportunity to socialise.

On 22 Dec 2016 a trip was organized to the forest surrounding Nagpur, which are notified by the government as tiger reserve (Pench Tiger Reserve). Buses were arranged to take us to the "Tiger Safari" in open jeeps. Later in the evening, Mr T Ranga Pai held a violin concert after which dinner was served.

On 23 Dec 2016 we started our return journey to Nagpur. On the way we were taken to Ramtek Lake. All the guests enjoyed boating in the lake. During the lunch at Ramtek, Mr M G George Muthoot, Chairman of the Muthoot Group joined us. We continued our journey to Nagpur after lunch and arrived back at the PG hostel for high tea, hosted by Mr Ranjeet Deshmukh. Around 7 pm, Mr T Ashok Pai and Mr M G George Muthoot inaugurated the newly built amphitheatre in the medical campus. Mr Ashish Deshmukh (Younger son of Mr Ranjeet Deshmukh and member of the legislative assembly, Govt of Maharashtra) hosted the dinner. During the dinner Mr Muthoot announced that he would host the alumni meet of the 1965-91 batch at Kochi. He invited all present to attend the meet at Kochi. The dates of alumni meet were tentatively fixed as 13-15 Dec 2017.



Alumni meet held in Manipal on 18-20 Dec 2016:

On 19 Dec 2016, the alumni (1987-1991 batch) who visited Manipal for the alumni meet registered for the meet. Later they were taken around the campus on a tour of Manipal University.

A meeting with Dr Balasubramanyam S Madhanabharatam, alumni of Chemical Engineering was arranged in the afternoon of 18 Dec 2016 with Dr Satish Shenoy, HOD, Aeronautical and Automobile Engineering, Dr K Jagannath, HOD, Mechanical and Manufacturing Engineering, Dr Harish Kumar, HOD Chemical Engineering and Dr MP

Yashoda, HOD Department of Chemistry. The agenda was to explore possibilities of Dr Bala helping our students in the form of lectures and the possibility of appointing Dr Bala as an adjunct faculty member. Dr Bala accepted our offer to address our students whenever he was in India. Dr Satish Shenoy is exploring the possibility of appointing Dr Bala as an adjunct faculty in the department of Aeronautical and Automobile Engineering. Dr Balasubramanyam S Madhanabharatam is currently based in USA and is a consultant to NASA for their Mars mission. The Alumni Meet of the 1987-1991 graduated batch of MIT Manipal was held in the library auditorium on 20 Dec 2016.

About 190 alumni from all over the world attended the alumni meet. Dr Vinod V Thomas, Registrar - Evaluation, MU, Dr Srikanth Rao, Director Admissions, MU, Dr Gicy Koor, Associate Director (Academics) and in-charge Director, 7 retired professors and 12 current faculty members were present.

The meet began with floral tributes to our founder Dr TMA Pai by the alumni, retired professors, and current faculty members. In his welcome address, Dr M V Kini informed the alumni about the growth of the alumni relations at MIT and its purpose over the years.

In his address Dr G K Prabhu, Director MIT, gave an overview of the developments that have taken place at MIT, he also spoke on the several ways in which alumni can help the Institute in its growth to be the topmost institute in the country. Prof K J Kamath, Prof Department of Mechanical and Manufacturing mentioned that the fulfilment of teachers wishes lies in the success of his/her students. He also gave an outline of the facilities at MIT and wished that a large number of alumni would participate in the diamond jubilee celebrations in 2017.

Prof B N Reddy, retired professor, Department of Chemical Engineering, recalled his time as teacher at MIT and wished all the alumni the very best in their career. The alumni felicitated all the retired professors with a memento and current faculty members who were present. Alumni were then asked to move to the dais for a department photo and reminisce about their life at MIT.

Mr Prasanna Kailaje demonstrated the use and purpose of the alumni portal. In addition, he also gave details of the new Manipal alumni app. He also requested that all the alumni of Manipal University to come together as "One Manipal". Prof Vishal Shenoy, Assistant Professor, Department of Mechanical and Manufacturing Engineering proposed the vote of thanks.

MCODS, Manipal

Golden Jubilee Alumni Meet – 2016:



To celebrate the successful completion of 50 years, the college organized golden jubilee alumni meet, "Reminiscence 2016" from 25 to 27 Mar 2016. Over 350 alumni from different parts of the world, congregated at Manipal to celebrate the 50 golden year of their alma mater.



Day 1 witnessed the beach get together of the alumni at the Manipal University at Beach House, Thottam beach.



Day 2 included the Campus and College visit and felicitation and award ceremony.



Day 3 was dedicated to the scientific session, followed by Dental Students Association Cultural program and Dental Ball.

Batch 1987, MCOCS Manipal:





Fifty alumni from the bath of 1987 visited Manipal for their reunion in the month of Jul 2016. Their two-day visit included Campus and College visit and fun activities

Batch 1983, MCOODS Manipal:



Thirty alumni from the batch of 1983 visited Manipal for their reunion in the month of Nov 2016.

Batch 1991, MCOODS Manipal:



The silver reunion of the batch of 1991 was held on 27–29 Dec 2016. Twenty-one alumni from different parts of the globe participated in the reunion. The alumni honoured their teachers, went around the campus and reminisced about their student days.

MCOODS, Mangalore

Inauguration of ARMCODS, Mangalore:

Alumni relations of MCOODS, Mangalore, (ARMCODS), with a tag line of “Reaching out to our alumni” was inaugurated. The objective of ARMCODS is to increase alumni registrations on alumni portal, to increase alumni activity in the institutions, to capture the placements or enrolment to PG studies, to felicitate achievements by alumni etc. The ARMCODS Mangalore team is headed by dean, Dr Dilip Naik as the Chairperson, Dr Arathi Rao, 1988 batch alumni as the alumni coordinator, Dr Nidhin Philip, 2002 batch alumni as joint coordinator and Dr Karen Boaz, 1989 batch alumni, Dr Nandita KP, 1992 batch alumni and Dr Nanditha Sujir, 2003 batch alumni as members. The other members of ARMCODS are the student representatives. Dr Venkatraya Prabhu, Dean of KMC, Mangalore, was the chief guest and Dr Santosh Rai, Associate Director of alumni relations MU was the guest of honour. Other dignitaries who attended the program were Dr Ramnarayan K, Vice President of alumni relations,

MU, Dr Dilip Naik, Dean, MCOODS Mangalore, Dr Mohan Baliga and Dr Ashita Uppoor, Associate Deans, Heads of various departments and alumni faculty members. Interns, post-graduate students and alumni faculty members attended the program.





Silver jubilee reunion of MCODES, Mangalore, batch of 1991:

The 1991 batch celebrated their silver jubilee reunion on 17–18 Dec 2016 at Mangalore. Total of 61 alumni had attended the program. Dr Vivek Amin and Dr Lavanya Manoj Verma who belonged to 1990 batch and presently faculty members at Yenepoya Dental College and Srinivas Institute of Dental Sciences, Mangalore, respectively coordinated with the batch and the institution. Alumni who attended the program were from USA, Australia, Middle East and India

The two-day program was as follows:

17 Dec 2016

There were registration counters managed by the students council, student delegates of MUSRF and Interns. All the alumni were informed about the upcoming students conference in February arranged by MUSRF. The alumni were made to register online in the alumni portal. The batch representatives expressed their gratitude to the institution by handing over a memento, which was received by Dr Baliga. The hospitality by the institution was well appreciated by all the alumni. They then visited Marena and TMA Pai Convention Centre. The group had a photo shoot at the convention centre.

Evening program was arranged by the alumni. All the teachers were also invited. Dr Mathais, Dr Chatra, Dr Sandeep Hedge and Dr Arvind Shenoy were the faculty members who made it to the evening program along with associated deans, alumni coordinator, Dr Sudha P, Dr Kundabala M and Dr Ravindra Kotian. Dr Surendra Shetty, Pro Vice Chancellor, could make it to the evening program and this made all the alumni extremely happy. Dr Anand Shenoy, Alumni of batch 91' raised the toast to the institution and faculty members. A band had been arranged for live music from Mumbai.

18 Dec 2016 - Private party at RiverRoost:



On both the days, they also visited all the places of eatery, beaches, malls, etc., to savour the old memories. Most of the alumni left Mangalore on 19 Dec 2016 with beautiful memories.



Reunion and workshop - Post graduate alumni of the department of Orthodontics and Dentofacial Orthopaedics, MCODES, Mangalore:



The Department of Orthodontics and Dentofacial Orthopaedics in association with the Centre for Advanced Dental Education organized a two day workshop, Orthognathic like Orthodontics, on 14–15 Oct 2016. All the three resource persons for the workshop were alumni of the department. The speakers for the course were Dr Vijay Baswa, Consultant Orthodontist, Kuwait, Dr Rajaganesh Gautam, Professor, Rangoonwala Dental College and Dr Abhisek Ghosh, Director, Great Lakes Orthodontics, Kolkata. A highlight of the program was the presence of an all alumni panel of speakers. Several alumni attended the event from across India and abroad. A total of 19 alumni from various batches met and attended the event, which was held at the MARENA sports complex in Mangalore. The alumni members held a get together dinner at the Village Restaurant, Mangalore.

MCOPS, Manipal

MCOPS Alumni Meet 2016:



The first annual alumni meet was held in the afternoon of 12 Feb 2016. The chief guest of this program was our alumnus Dr T Ravikumar, Associate Director of Wockhardt, Aurangabad. He recalled his days in Manipal as a young pharmacy student. Other alumni introduced themselves and reminisced the old days in Manipal. They marvelled at the splendid growth of Manipal and its various institutions. In the end, they promised to meet again on another occasion.



About 20 proud alumni of batch 1987-1991 gathered at MCOPS during 2-3 Dec 2016 to celebrate the reunion. The annual alumni meet was held on 3 Dec 2016. The alumni of batch 1987-1991, students and faculty members of MCOPS witnessed this meet. Dr N Udupa, Professor (former principal), Department of Pharmacy Management,

welcomed the gathering and interacted with the alumni. Alumni introduced themselves and recollected the days in Manipal. Many spoke about their journey from Manipal to the current position. They thanked MCOPS, their alma mater for shaping their future. This meet was full of joy and fun as the alumni shared and cherished their old memories. Dr C Mallikarjuna Rao, Principal, MCOPS was present during the meeting. Dr G Gautham Shenoy, Professor and Head, Department of Pharmaceutical Chemistry coordinated the program.



Manipal College of Pharmaceutical Sciences organized another alumni meet during the 68th Indian Pharmaceutical Congress (IPC) held at Visakhapatnam, Andhra Pradesh, on 16 Dec 2016. About 20 alumni attended this meet and senior professionals shared their Manipal life with fellow young alumni and encouraged them. The alumni meet was witnessed by the presence of eminent alumni like Dr Kaushik Desai, Dr T K Ravi, Dr Sreedhara R K Pai, Dr Ramkumar, Dr Nagaraju and Dr KVSRG Prasad. Dr N Udupa, Research Director (Health Sciences) Manipal University coordinated the meet.

WGSHA, Manipal



On 23 Apr 2016 an alumni get-together of the Eighth course was organized. Mr Anoop Pande and Ms Sherin Mathew of the Seventeenth course were invited as speakers for our Hospitality Conclave in the month of Feb 2016.

SOM, Manipal

A get-together of School of Management alumni in “Cool Joint Square”, Bangalore was held on 5 Mar 2016. All alumni individually shared their life experiences from

their Manipal days and their professional experience. The objective of the meet, to provide the alumnus with a platform for building their network was well served.

SOC, Manipal

SOC celebrates Alumni Meet-2016



School of Communication hosted its annual alumni meet on the 19 Nov. The event marked a beginning to the 20 year celebration of the college to be held in 2017. The program brought together around 90 fresh graduates from the 2016 batch, in addition to alumni from older batches, for a day filled with nostalgia and reminiscence. The chief guest for the event was Ms Snehapriya Nayak, an illustrious alumnus, who did her masters at SOC and is currently the assistant Vice President at Axis Bank, Bangalore.

Dr Nandini Lakshmikantha, Director SOC, addressed the gathering to give her best wishes to the graduating batch of 2016. She also shared with the audience, her vision to see SOC as one of the best colleges in the country and her belief that the contribution from the alumni played a vital role in building and improving perceptions.

Ms Nayak in her address, urged everyone to break free and try new things. She shared with the alumni how her



ability to communicate set her apart in her career. She emphasised on the importance of networking in order to grow personally and professionally in life.

Dr Padma Rani, Assistant Director SOC, told the audience how alumni meets provide the alumni with a chance to reconnect with their alma mater and how their support is important to the college throughout. The program ended with giving away of souvenirs to all alumni and lunch. Ms Shruthi V Shetty, Alumni Coordinator, SOC coordinated the event. This year various chapters of alumni meet were organized in Bangalore, Mumbai and Pune to strengthen the alumni network of SOC.

Faculty of Architecture, Manipal

Batch 1986-91 of Faculty of Architecture gathered in their campus on 24 Dec 2016. About 30 alumni gathered and enjoyed their time Manipal.

Department of Public Health, Manipal

Alumni - MSW Program:

The Department of Public Health organized the alumni meet on 20 Nov 2016 and on 12 Feb 2017.

Alumni Awards and Achievements

KMC, Manipal

Street named after Indian-American Dr Sampat Shivangi in **Mississippi:**



A street in Mississippi, USA, was named after an alumni of KMC, Manipal. "Dr Sampat Shivangi Lane" was formally named yesterday in recognition of Shivangi, an eminent Street named after Indian-American Dr Sampat Shivangi in Mississippi. He graduated from Kasturba Medical College, Manipal in 1965.

"Dr Sampat Shivangi Lane" was formally named yesterday in recognition of Shivangi, an eminent Republican from the state. State governor Phil Bryant this week also reappointed him for a second seven-year term to the Board of Mississippi's department of Mental Health. "We are thankful to Governor Phil Bryant for his confidence in me in bringing several changes in the department of Mental Health in the state since I took over several years ago," Shivangi said in a media release.

The department of Mental Health is the second-largest Mississippi state agency. It plays major part in caring for mentally ill, intellectual developmental disability and drug and alcohol addiction. In 2014, Shivangi was appointed as the Chairman of the Mississippi department of Mental Health, making him the first Asian to occupy the top health post in the southern American state. From 2005-2008, Shivangi served as the Advisor to the US Secretary of Health and Human Services. He is the founding president of the American Association of Physicians of Indian-origin in Mississippi and is the past president and chair of the India Association of Mississippi.

1) Department of Dermatology

a. Dr Prasanna Rao, Consultant Diabetologist and Dermatologist at Manchester Royal Infirmary and St Mary's Hospital, UK gave a lecture on "Skin and diabetes" and interacted with staff and postgraduates on 8 Aug 2015.

b. Dr George Joseph Themplangad, Kottayam, Kerala, spoke on "Public health, Dermatology and R and D" and interacted with staff and PG's on 16 Jan 2016.

c. Dr Abhishek De, associate professor, Department of Dermatology, IPGMER and SSKM Hospital, Kolkata spoke on "Scope of laser in Dermatology" on 6 Feb 2016.

d. Dr Apratim Goel, Director, Cutis clinics, Mumbai, spoke on "Fractional CO2 LASER and microneedle radiofrequency" on 20 Mar 2016.

e. Dr Nirmal, Dermatologist, CMC, Vellore spoke on "Utility of Dermatoscope in hypopigmented skin lesions" on 27 Mar 2016 – Department of Dermatology.

2) Department of Nephrology

a. Dr Rajeevalochana, DM, Nephrology, has got a fellowship of European renal association namely ERA EDTA Comia fellowship for 2017.

b. Dr Rajeevalochana, DM, Nephrology, has got a Transplant fellowship at Ottawa Canada for one year.

3) Department of Obstetrics and Gynaecology:

a. OBG Alumni has donated and created a fund, which is used for conducting resident conference on the eve of Dr A Padma Rao PG Update and give prizes to best resident and best thesis.

b. Dr Rupinder Kaur Ruprai, Dr Arnab Bask and Dr Rajesh Bhakta gave guest lecture in the Department of OBG.

4) Department of Paediatrics:

- a. Grant provided by Dr Santhosh Upadya, USD 5000 for the benefit of economically challenged hemato oncology patients.
- b. Guest Lecture by Dr Raj P Warriar, Hematooncologist, UAE, Tulane University, USA on 2 Feb 2016 and 9 Jun 2016.
- c. Guest lecture by Dr Vishwanath Prabhu, Neonatologist Children’s Hospital of Austin, Texas on 27 Jul 2015.
- d. Guest Lecture by Dr Shalini Shenoy Ped Hematooncologist St Louis Children’s Hospital St Lewis, Mo 63110. 314-454-6018v Washington University, USA on 27 Jul 2015.

5) Department of Biochemistry:

- Guest lecture by Dr Shivananda Nayak (PhD) on Quality Control and Quality Assurance on 14 Jan 2016.

6) Department of Microbiology:

- Mr Krishnamani Jayaraman, Head and Consultant IPR, SAMI Labs Limited, Bangaluru (Studied MSc in

Microbiology – passed out in 1990) delivered a guest lecture on 6 Dec 2016, on the topic “Implementation of Intellectual Property.”

7) Forensic Medicine:

- The following alumni were Resource Persons for the “Compos Mentis 2015” the Annual National level Forensic Medicine quiz programme held on 1 Oct 2015.
 - a. Dr Arun M, Professor and Head, Forensic Medicine Department, JSS Medical College, Mysore.
 - b. Dr B Suresh Kumar Shetty, Professor and Head, Forensic Medicine Department, Kasturba Medical College, Mangalore.
 - c. Dr Shahnaz Manipady, Professor and Head, Forensic Medicine Department, Kannachur Medical College, Kannachur.
 - d. Dr Jagadish Rao P P, Associate Professor, Forensic Medicine Department, Kasturba Medical College, Mangalore.
 - e. Dr Shailesh Kumar, Assistant Professor and Medical Superintendent, Himalaya institute of Medical Sciences, UP.

KMC, Mangalore

Remarkable achievement by Dr Enapadam S Krishnamoorthy – The founder of NEUROKRISH

Dr Enapadam S Krishnamoorthy MD, DCN (Lond), PhD (Lond), FRCP (Lond), FRCP (Edin), FRCP (Glas), MAMS (Ind) FIMSA, FIPS, is at present Adjunct Professor, Public Health Foundation of India and Founder and CEO - Neurokrish/Trimed at Chennai. He Joined KMC Mangalore in 1985. After MBBS, he did his MD in Psychiatry from Manipal. He has trained extensively in brain and mind interface at the Institute of Neurology and University College,



London. He has been instrumental in development of various brain and mind rehabilitation models both in non-profit and private sector in Chennai. He has been recipient of various honours and authored two books and over 70 scientific papers and book chapters. He is the President Elect of the International Neuropsychiatric Association (INA) for 2015 to 2017 and President for 2017 to 2019.

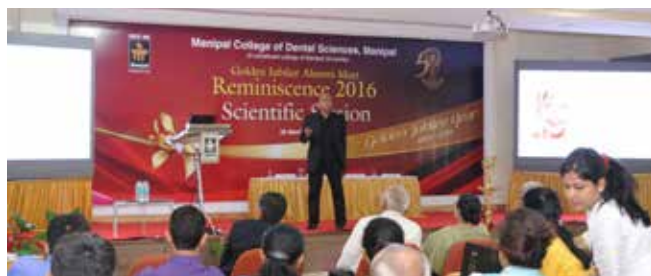


MCODS, Manipal

The scientific deliberations was carried out by the Alumni of MCODES, Manipal during Golden Jubilee Alumni Meet.



“Airway Considerations as Craniofacial Practioners” by Dr Manish Valiathan, USA, Batch of 1998 .



“Facial Aesthetics and Aesthetic Dentistry” by Dr Eubulus Timothy, South Africa, Batch of 1987.



“Chemoprevention of Oral Cancer ” by Dr Moni Abhraham Kuriakose, India, Batch of 1979.



“Redefining Integrative biologic Dentistry through Ayurveda” by Kalpna Ranadive, USA, Batch of 1996 MDS.



“Immediate Implant placement and Loading in infected extraction Socket by Dr Abhay Lamba, India, Batch of 1990.

Department of Pedodontics and Preventive Dentistry, MCODES Manipal:

CPD program organized by Department of Pedodontics and Preventive Dentistry “PEDODONTIA – III” “EXPERTISE TO EXERCISE” a workshop on rotary endodontics on 16 Jan 2016. The resource person for the program was the alumna of our institution Dr Vivek Hegde from the batch 1989.

Department of Periodontics, MCODES Manipal:

a) Continuing Professional Development Program organized by Department of Periodontology “Pharmacotherapeutics in Plaque Control” on 17 Feb 2016, Guest Speaker – Dr Arun Kumar M S, from the MDS batch of 1996, currently Professor in the Department of Periodontology, Yenepoya College of Dental Sciences, Mangalore delivered lecture on “Chemical Plaque control – Is it an Absolute necessity?”



b) The Department of Periodontology, Manipal College of Dental Sciences, Manipal University, Manipal organized a “Postgraduate Alumni Meet 2016” as a part of “Golden Jubilee Celebrations” of Manipal College of Dental Sciences, Manipal on 24 Mar 2016.

Dr Sukhchain Bagga, BDS Batch 1997 and Dr Neeraj Deshpande, MDS batch 2001 our alumni, delivered the Scientific lectures on “Periodontal Plastic Surgery” and “Non-surgical Periodontal Therapy”, respectively.

Department of Conservative Dentistry and Endodontics, MCOADS Manipal:

The department organizes the “Meet the Experts” a seminar series consisting of six seminars, one per month over six consecutive months starting from Oct 2016. Five BDS/ MDS alumni of Department of Conservative Dentistry and Endodontics, MCOADS, Manipal delivered the lectures.



15 Oct 2016

Seminar by Dr N Vasudev Ballal, Topic – “Scientific Writing” Nurture thoughts, Venture possibilities, MDS in Conservative Dentistry and Endodontics, MCOADS Manipal. Batch 2004.



28 Nov 2016

Seminar by Dr KH Kediyoor, Topic - “Practice Management”, BDS Alumni of MCOADS Manipal. Batch 1973.



20 Dec 2016

Seminar by Dr Sanket Sheth, Topic – “Efficient Economical Endodontics”, MDS in Conservative Dentistry and Endodontics, MCOADS Manipal. Batch 2013.

MCOADS, Mangalore

CDE Report – An Interactive session with Dr Manu Alexander



An Interactive session for the interns with Dr Manu Alexander, alumni of batch 91 was organized on 20 Dec 2016, MCOADS, Mangalore, Attavar campus. Dr Manu Alexander is currently a general dental practitioner in Tucson Arizona, USA. This session was aimed at providing interns with information regarding the prospects of dentistry in US. The session began with Dr Manu sharing his experiences about pursuing his studies in the United States of America. He spoke about the process of writing the National boards examination, applying to dental colleges in US and finally about his dental course in the US. This was followed by an interactive question and answer session, where the interns asked Dr Manu their doubts and queries regarding the scenario of dentistry, applying for further studies and private practice management in the US.

MCON, Manipal

1) Doncy Joji Eapen, PhD, MSN, APRN, FNP-BC

Doncy completed her Bachelors and Masters in Nursing from Manipal College of Nursing, India. She had worked as a Nurse Educator in High Institute of Nursing, Doha, Qatar from 2001 to 2005. She immigrated to the United States in 2005 where she continued her studies. After completing her Post Master's in Family Nurse Practitioner in 2011 from University of Kansas, she continued PhD in Nursing and successfully graduated from the program in May 2016. The study won the Crighton award for research among vulnerable population and Dr Valmi Sousa Scholar award for innovation in nursing research by the University of Kansas. Besides the two research awards, Doncy also won the Sigma Theta Tau International Award for the PhD Student of the year 2016 and Colleen P Kosiak Clinical excellence award for Advanced Practice Nurse during the University of Kansas School of Nursing recognition ceremony on 14 May 2016. She works a full time acute care Nurse Practitioner with KC Hospitalists, Kansas, USA.



2) G Balamurugan

An alumnus of Manipal College of Nursing MSc Mental Health Nursing (2004-2006 batch) completed his PhD under National Consortium on 26 Sep 2016.

3) Renu G

An alumna of Manipal College of Nursing, MSc child health nursing (1997-1999 batch) completed her PhD from Manipal University in the year 2016.



4) Group award

Mrs Shalini, Mrs Janet Alva and Mrs Prima J J Dsouza, faculty member of MCON Manipal on UROSAC COMFORTER bagged the First prize for Innovation day. This was organized by Manipal University.

5) Travel grant

Mrs Sulochana B, Associate professor, MCON Manipal received travel grant to attend World Hemophilia Congress at Orlando in the year 2016.



6) MCON E newsletter

MCON E newsletter was released during annual day, which has got one page exclusive for alumni news.

MCOPS, Manipal

Guest Lectures delivered by our alumni during 2016:



Dr Ajay G Pise, Managing Director, Lifon Healthcare, Nagpur delivered guest lecture on “Entrepreneurship” organized by Entrepreneurship Development Cell and Department of Pharmacy Management on 1 Jun 2016.

Mr Anirban Roy Chowdhury, Senior Director - Global Clinical Trial Operations, MSD Pharmaceutical Pvt Ltd, delivered a lecture on 9 Jun 2016, which was followed by a brain storming interactive session on different aspects of clinical trial and academic collaboration of pharma industry by the enthusiastic students of the department and exchange students from University of Findlay, USA. Mr Anirban who is also an alumnus of the college, shared his memories to delight the students. Department of Pharmacy Practice organized this guest lecture on the role of Industry-Academia integration for Pharmaceutical innovation.

Dr Rajesh Nayak, Director of Graduate Studies in Pharmacy Administration, St John’s University, Jamaica, USA delivered guest lecture on “Newer and evolving models of pharmacy practice in America” organized by Department of Pharmacy Practice on 13 Aug 2016. Dr Rajesh Nayak, an alumnus of Manipal College of Pharmaceutical Sciences, Manipal is currently Associate Professor and Director of Grad studies in Pharmacy Administration at St John’s University, New York, USA. He received his PhD in Pharmaceutical Outcomes and Policy from University of Florida, USA.

In his lecture, Dr Rajesh spoke about different aspects of Pharmaceutical Care and the expanding scope of practice in USA. In particular, he dwelt with emphasis on two emerging models of patient care viz. Collaborative Drug Therapy Management (CDTM) and Medication Therapy Management (MTM). Quoting from many real life examples, he dwelt at length on how pharmacists’ activities evolved from older models of dispensing to newer models such as pharmaceutical care. Most importantly, Dr

Rajesh provided an insightful analysis of how legislative hurdles and legal definitions become critical determinants in classifying and delimiting the professional duties and responsibilities of pharmacists engaged in many aspects of pharmaceutical care. In a thoroughly interactive and engaging manner, he won the hearts of many students and teachers by leading a spirited discussion that stretched beyond the lecture hours.



Dr G Subramanian, Senior Scientist, DMPK Division, Novartis Healthcare Pvt Ltd, Hyderabad delivered guest lecture on “Continuous Automated Manufacturing processes (CAMP): Industry Relevance” organized by Department of Pharmaceutics on 3 Sep 2016.

Dr Subramanian spoke on advantages of CAMP and FDA perspectives, by giving the example of melt extrusion technology, he encompassed the importance of continuous manufacturing. He quoted the example of the MIT, Boston, USA who has pioneered in CAMP research. He emphasised that using “Simulation Plus” module of Gastro Plus software one can predict the outcome expected in the phase I to III clinical trials without conducting the trials in humans. FDA accepted this in the recent past.

Students expressed that they were enlightened by the advanced technologies followed by the industries.



Dr Amit Agarwal, Research Scientist and Head, Department of Molecular Biology, Chest Research Foundation, Pune delivered guest lectures. The lecture was organized by Department of Pharmaceutical Quality Assurance on 24

Sep 2016. Department has organized two guest lectures by Dr Amit Agarwal on:

1. Research as a career option
2. Academic culture in United States of America

In the first topic, he talked about observation, open mindedness and ability to ask questions and find answers to them as the major trail of a researcher. This he elaborated with many examples like Mr Mirchandani, a high school student, Dunlop - a trained veterinary surgeon developing rubber tyres, Alexander Flemming, a renowned scientist etc. He also listed the qualities required to be a good researchers and the job opportunities for a research scientist.

In his second talk, Dr Amit beautifully differentiated the academic structure at United States of America and India. He went on to describe in detail about the course structure, the mode of delivery, learning techniques, evaluation system, grading, etc. along with practical tips to excel in academic levels. Prior to this, he also explained the method to select a university, application procedures, and pre requisites along with some tips on the same. Dr Amit also talked at length about life style, funding the education, peer interactions etc. This talk was well received by the students and the students enthusiastically participated in the discussions that followed with lot of questions and queries.

SOLS, Manipal



Mr Vishal Menon receives memento from Dr Guruprasad of SLS

Mr Vishal Menon an alumnus of SLS Manipal, at present working for his PhD in the Spemann Graduate School of Biology and Medicine at the University of Freiburg, Germany visited School of Life Sciences on 21 Dec 2016 and delivered a lecture on “Expression and functional dynamics of cell surface antigens in the human neural lineage and neural cancer” as well as interacted with the research scholars and faculty. Mr Menon studied BSc Biotechnology (2008-11) and MSc Medical Biotechnology (2011-13) in the SLS, Manipal University.

WGSHA, Manipal



Mr Neil George alumnus of the batch 1987-90 was conferred with Distinguished Alumni award during our

Annual Day on 2 Feb 2017. He also gave a guest lecture for our final year BHM students.

On 4–5 Oct 2016, our alumnus from Eighteenth course, Chef Thomas Zacharias conducted Contemporary Indian Cuisine Workshop for our students. During the same time, Chef Girish Nayak our alumnus from the Eighteenth course conducted the Contemporary Plated Dessert Workshop.

Mr Gaurav Agarwal of the BHM Seventh course visited our college as a part of Marriott Hotel placement team. Ms Aathira of BACA Third course visited the college as a part of placement team of Taj Group of Hotels and addressed our students.

ICAS, Manipal



Mr Shreyas Nagarajappa, was a 2013-15 batch student in Computer Engineering. He took transfer to Australian National University, Australia, where he is currently pursuing his 2+2 program. He shared his experience among 23rd batch students on the main stage of orientation program, which was held on 24 and 25 Aug 2016. He has been an inspiration to many students currently studying at ICAS.



ICAS Annual Day was held on 22 Mar 2016. Mr Anshul Mittal, Executive Director, Mittal Appliances Limited, Indore, was the chief guest of the program. Mr Anshul Mittal is an alumnus of ICAS (1997, Mech)

Mr Saurabh Sangla, Executive Director, Signet Industries Ltd, Indore, is an alumnus of ICAS (1998-2000). He addressed and motivated the students during twenty-third batch Orientation Program, which was held on 24 and 25 Aug 2016.

SOAHS, Manipal

Distinguished Alumni Award, School of allied Health Science-2016:



Dr Sanjivan Gautam Alumni of Medical Laboratory Technology, SOAHS received distinguished alumnus award 2016 during annual day of SOAHS on 12 Feb 2016. He is the student of BSc Medical Laboratory technology 2007 Batch. He recently received the prestigious Nepal Vidyabushan presidential gold medal for outstanding achievement in foreign university. Based on his academic credentials he

is awarded with best scholarship by Government of India to perceive Masters in biotechnology in Jawaharlal Nehru University New Delhi in the year 2007. He completed his PhD at University of Freiburg in the year 2013. Presently he is researcher in National Cancer Institute (NCI) Bethesda.



Dr Jaya Shanker Tedla, King Khalid University, Saudi Arabia, Alumni of SOAHS Manipal and Mangalore Visited Manipal and conducted guest lecture for Postgraduates of Physiotherapy on 16 and 17 Jul 2016. Forty postgraduates and six faculty members attended this program.



Dr Ashokan Arumugam, alumni of SOAHS and PhD awardee from Otago University New Zealand, currently Post-doctoral fellow in Sweden, conducted guest lecture on "Neurodynamic solutions" for Post graduates of Physiotherapy On 1 and 2 Oct 2016. He also conducted a guiding session on "PhD Program in Otago University."



Mr Sivalanka Sumansh, alumni of SOAHS, Manipal and a Physiotherapist at Gopichand Badminton Academy Hyderabad, conducted guest lecture for Post Graduates on 9 Sep 2016. Twenty Post graduates got benefited by the guest lecture to improve their knowledge and skill.

SOIS, Manipal

About the guest lecture – A two-day guest lecture on Visualisation was conducted. The steps involved in data visualisation, the theory behind it was discussed. Topics like web scraping for data, cleansing the data and visualisation it using Python was done in a practically oriented aspect.



Students and faculty members of Manipal University participated in the two-day guest lecture. Students and faculty members appreciated the guest lecture, as it dealt many practical aspects with hands-on approach, which they were able to apply to the project work.

Resource Person was Mr Nikhil Kabbin, Gramener India.

Nikhil is a Data Scientist by profession, Data Ambassador at DataKind Bangalore Chapter. He works as Data Specialist at Gramener, a data visualisation company where he gets the chance to consult, advice and build data solutions for corporate companies, media and Government Institutions. He holds a Masters in Wireless Technology from Manipal

University and has deep interest in Internet of Things and Sensor Networks.

A workshop on Introduction to HL7 -Interoperability Standard in Healthcare on 7–8 Oct 2016

A two-day workshop on Visualisation was conducted on "Introduction to HL7 - Interoperability Standard in Healthcare" for the benefits of our Medical Software students, MIRS interns, CSD and ISD employees. Medical Software students, MIRS interns, CSD and ISD employees participated in the two-day workshop.



Mr Ravikiran C R, Senior Technical Specialist in HL7CC team, Philips India Pvt Ltd, Bengaluru was the Resource Person.

Mr Ravikiran C R is working as Senior Technical Specialist in HL7CC team, Philips India Pvt Ltd, Bengaluru. He visited SOIS Manipal during the month of Oct 2016 and was the resource person for the workshop on "Introduction to HL7 - Interoperability Standard in Healthcare."

SOM, Manipal

Guest talk by alumni of School of Management in the year 2016:

D M Arvind Mallik, Assistant Professor, PESITM:

- Awarded “Adarsh Vidya Saraswati – National Award of Excellence 2016” from Global Management Council. Gujarat.

A guest lecture on Data Analytics and Visualisation on 21 and 22 Oct 2016

- Dr Bolar Kartikeya Pramoda, Associate Professor, TAPMI, delivered a talk on “Integer Linear Programming and Applications” on 14 Nov 2016.
- Mr Sachin Chandra, MSNM Besant Institute of PG Studies, delivered a talk on Location on 5 Dec 2016.
- Mr Raghavendra K, Unit Head Operations, Future Group, delivered a talk on “Value for Money Segmentation in India” on 13 Dec 2016.
- Mr Yeshwanth Krishna, Executive Operations, Manipal Health Enterprises Pvt Ltd, KH, Manipal, delivered a talk on “Purchase Process and Vendor Selection” on 22 Jul 2016.
- Ms Preethi Shetty, Operations Executive, MHEPL, KH, Manipal, delivered a talk on “Healthcare Operations” on 9 Sep 2016.

Department of Statistics

Alumni of the department are regularly conducting SAS training program (Basic data analysis, Macros, SQL, Report generation using SAS statistical Software, etc.) for MSc Biostatistics students. They started this program from 2010 and continued till date. They had designed the curriculum for the program and conduct the training program in second and third semester students. In 2016, the program was conducted by following alumni.

- Ms Ashwini Shenoy (Associate Statistician GSK Pharmaceutical Ltd. Bangalore), 3 – 4 Sep 2016.
- Ms Neha Shrikant Pakhle (Biostatistician, Sciformix, Pune), 3 – 4 Sep 2016.
- Ms Sheril Thomas – Efficacy, Bangalore, 1 – 2 Oct 2016.
- Mr Manjunath Halemane – GE India Exports Pvt Ltd, Bangalore, 1 – 2 Oct 2016.

Department of Public Health, Manipal:

Alumni – MPH Program:

- a) Dr Bhumika gave a talk on “Systematic Review” on 31 Oct 2014 in the Research Workshop in Manipal.
- b) Dr Basavaraj Katarki, Regional Coordinator, NACO, Karnataka gave a talk on “Health System Research” on 16

Jul 2016 at Department of Public Health, MU.

Alumni - MSW Program:

On 23 Jul 2016, Mr Praveen Nayak, HR Business Associate Manipal Technology delivered a talk on the topic “Importance and the intricacies in Talent Acquisition.”

Manipal Centre for Philosophy and Humanities (MCPH), Manipal

The following alumni activity is hereby reported from Manipal Centre for Philosophy and Humanities (MCPH) for the period referred to:

Sheetala Bhatt, MA English student of 2014-16 worked on her MA thesis towards publication with Manipal University

Press, titled Acting Woman: Performing Self/Performing Gender in Indian Theatre.

Sheetala Bhatt also worked as the coordinator of the conference held at MCPH titled “Literature and the Making of a Vernacular Nation” on 12 Nov 2016.

Department of European Studies

Seminar on Importance of studying abroad (Student mobility): information and experience sharing by Pranjali Kirloskar, Alumna of MA European Studies and Research

Scholar at Department of European Studies on 17 Aug 2016

Human Resources Department

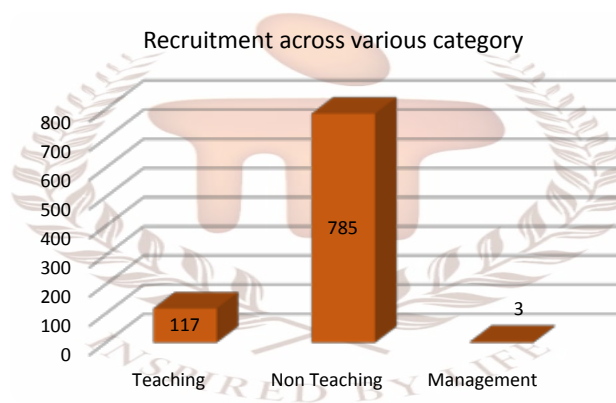
The real sources of competitive leverage are the culture and capabilities of the organization that is derived from how we manage our human resources. Human Resource Department plays an instrumental role in creating an environment where employees can thrive and are enabled to deliver sustainable organizational performance.

It aims to apply its human capital expertise more assertively to support the University functions in order to deliver results, to strengthen its role as a control function for the University for Human Capital Risks and to build the capabilities of employees. HR has concentrated on anchoring the values and beliefs in all people processes from recruitment to performance management, talent development, promotions and remuneration. Thus, by constantly encouraging employees to align their development objectives with the University’s strategic goals, the department has been ensuring that all developments are in sync with the mission and vision of the University.

This report provides transparency on the Universities employee metrics and how we are translating our strategic priorities into action. It gives examples of what we achieved in 2016 in organizational culture, diversity and inclusion, talent and development, talent acquisition, compensation and benefits, etc.

An approach to talent acquisition:

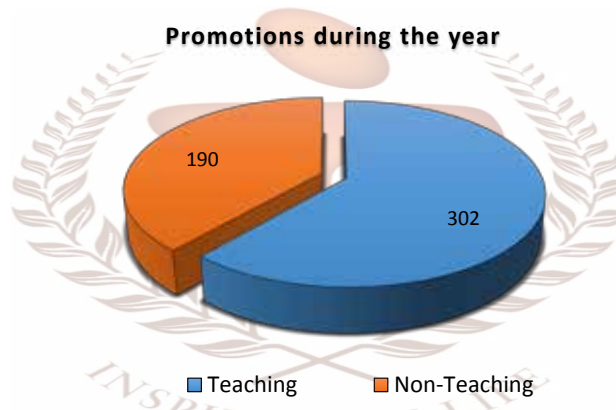
HR aims to attract, select and appoint the best talent through effective and fair recruitment and selection practices in consistence and aligned with the University’s primary goals. A well-defined policy has been formulated to provide the operational framework to be used for merit based recruitment, selection and hiring processes that result in a talented, effective workforce. This in-turn reflects the University’s commitment to the principles of the equal employment opportunity, non- discrimination and cultural diversity. There has also been a greater focus on cost management and control related to recruitment, with the aim of increasing the efficiency and quality of HR processes. A proficient workforce of 905 personnel was infused into the organization in the year 2016.



Fostering an environment that supports sustainable performance:

The University is transitioning all performance management and career development processes into one fully integrated approach, which aims to increase performance of employees. The talent review process has been improved to identify employees’ strengths and areas for development. Continuous learning and development are seen as vital to ensuring employees have the skills, knowledge and abilities for their current roles and are prepared for new challenges.

Acknowledging a person’s individual performance and development as well as their personal contribution. 492 employees was promoted to a higher cadre during the year.



Aligning the reward system to evolving requirements:

Manipal University provides its staff with a wide range of benefits to support their personal and professional

development. Overall, the University offers around 25 benefit programs focused on physical, mental and financial wellbeing as well as a healthy work-life balance. This is a key factor in attracting and retaining skilled employees.

University provides Group Term Life Insurance (GTLI) coverage of 50 lac applicable to teaching staff and Rs 10 lac to the non-teaching staff. HR department has processed five such claims to the family members of deceased non-teaching staff 2016. An ESI team within the HR department was formed to handle the entire ESI related work. It has been instrumental to provide medical benefits, sickness benefits, maternity benefits, disablement benefits, dependent benefits and funeral expenses through ESIC. It also provides medical benefits to employees and their spouse after retirement at a nominal premium.

University encourages its faculty members in upgrading their qualifications through various programs. Faculty members are deputed to premier institutes in the country for pursuing doctoral programs with payment of salary during the study leave.

University in view of providing platform for higher studies has reimbursed 50 percent of the tuition fees of employees, who enrolled to degree programs offered by Sikkim Manipal University in the years 2016. It has also contributed towards the higher education of the spouses and children of the non-teaching staff members, as a part of the welfare measure for the employees. University has also reimbursed children's educational expenses with a view to support basic education of employees' children.

Sustainable retirement planning:

The University realizing its responsibility to contribute to its employees' pension needs has rolled out National Pension System (NPS) to its employees during April 2016. This aims to drive retirement savings amongst the employees to enjoy regular income in the form of pension and lump sum withdrawal of post-retirement. The University contributes monthly 10 percent of the basic pay during active service of an employee. 7347 employees have been enrolled to NPS.

Promoting professional and personal development:

Training and development is described as "an educational process, which involves the sharpening of skills, concepts, changing of attitude and gaining more knowledge to enhance the performance of employees." In this view, technical and soft-skill trainings were held during the year.

SMILE – 2.0:

As a measure of sustained approach to faculty empowerment and succession planning, the University had initiated a nine-month leadership development program Synergic Manipal Integrated Leadership Engagement – 1.0 (SMILE) Program in the year 2015 to nurture future academic leaders. This is program aimed at developing a pool of leaders to exhibit critical leadership positions across the organisation in future. Continuing its effort to this effect, the University conducted second batch SMILE – 2.0 in the year 2016 in partnership with the Global HR Consulting Firm - People Business, and ran until the end of October 2015. The program was initiated and sponsored by Manipal University.

In response to this initiative of the University, 79 self-nominations from faculty members of Manipal University, who are willing and keen to take on leadership responsibilities, were received out of which 71 eligible candidates attended the preliminary orientation organized on 8 Feb 2016. Followed by the orientation, the 68 candidates re-confirmed their interest to attend the selection process. Out of which 30 candidates were finally selected keeping in mind the different institutions and disciplines of the University.





Fire Safety Training:

Fire Safety Training was conducted to raise awareness of fire hazards in the workplace and how to act safely in the event of an emergency fire situation including usages a fire extinguisher. 302 staffs were trained in three batches, giving them a ready to act knowledge during a fire breakout.

Client service improvement workshop:

Training on client service was conducted for non-teaching employees of various institutions with the objective to have greater understanding to the staff on the impact their

role has on the organization. The program focused on improving communication, listening, problem-solving and organizational skills. It also aimed at increasing their ability to resolve issues and decrease the number of return calls by enabling them to address the concern at the first point of contact, which greatly increases the client satisfaction.



Gender Sensitization:

As a continuation to the series of gender sensitization training held during 2015, the department organized the “Gender Sensitisation” training program vide 10 batches covering 626 employees during the year.



Microsoft Saksham:

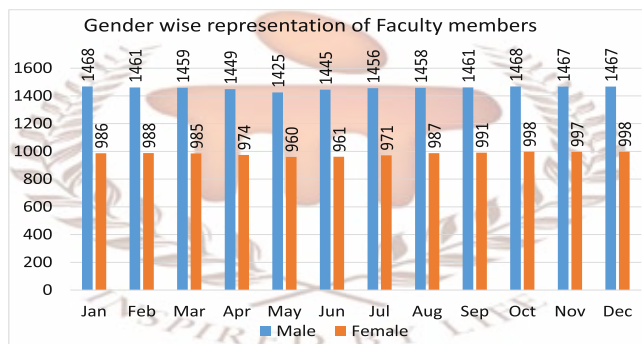
Manipal University in association with Microsoft and NIIT organized a skill development program – Microsoft Saksham during 11–16 Apr 2016. Saksham training program featured the usage of Educator Tools for improving teaching learning experience. This was designed for the faculty members of the universities and educational institutions to drive adoption of ICT in day to day teaching to build engaged learning environment and yield better learning outcomes. 23 faculty members attended the same.



MS-Office 2013:

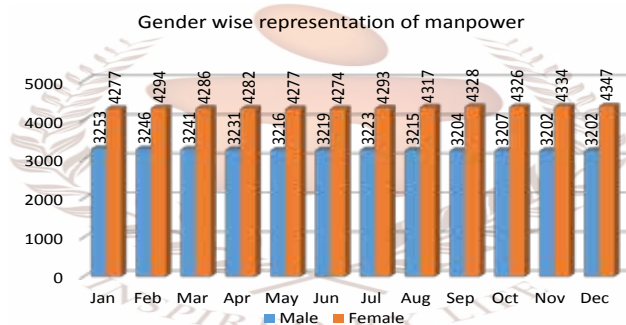
To enable its employees, acquire essential skills for producing professional work with the Microsoft Office suite including Word, Excel, PowerPoint, and Access, the

University organised MS-Office 2013 training during the year in eight batches covering 192 employees.



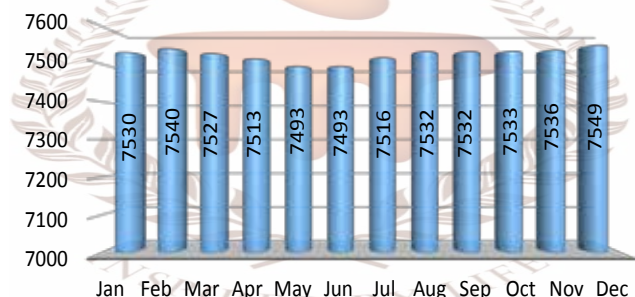
National and international conferences:

To promote professional development of its staff, the University provides financial assistance for attending/ presenting papers in national/international professional conferences, to meet the cost of publication of research papers, filing patents, etc. 1689 faculty members have attended national/international conferences and workshops to update their knowledge on the specialized field in the year 2016.

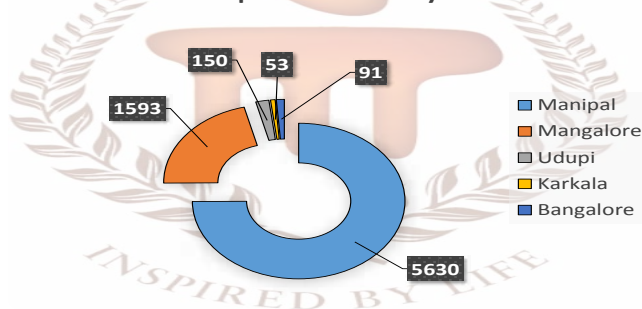


Facts and Figures

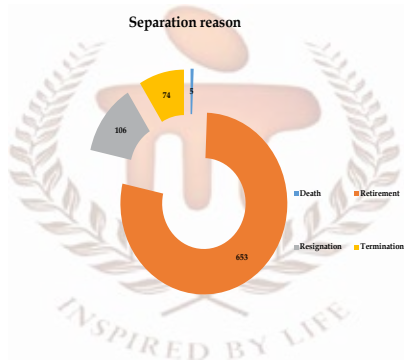
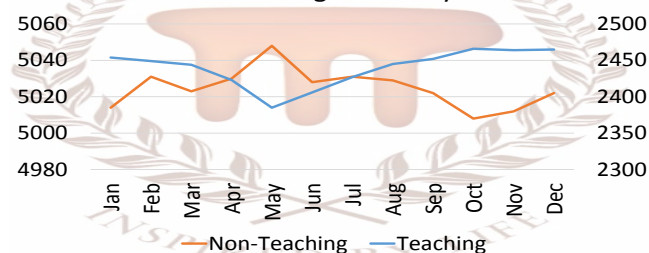
Manpower distribution



Region wise average distribution of manpower over the year



Manpower distribution of teaching and non teaching over the year



Separation details:

Category	Death		Resignation		Retirement		Termination		Grand Total
	Female	Male	Female	Male	Female	Male	Female	Male	
Management	0	0	0	0	0	1	0	3	4
Teaching	0	0	123	144	2	7	8	14	298
Non- Teaching	4	1	319	67	46	50	28	21	536
Grand Total	4	1	442	211	48	58	36	38	838

Financial Statements

Balance Sheet as at 31 Mar 2016	
Sources of Fund	INR (in lacs)
Permanent Fund	70,441.33
Other Fund	40,731.44
Loan Fund	24,297.93
Total Fund Employed	135,470.70

Application of Fund	
Fixed Assets and Investments	160,931.91
Current Assets	31,232.44
Less: Current Liabilities and provision	56,693.65
Net Current Assets	(25,461.21)
Total Application of Funds	135,470.70

Income and Expenditure Account for the year ended on 31 Mar 2016

Sources of Fund	INR (in lacs)
Operating Receipts	
Receipts	132,081.90
Total Operating Receipts	132,081.90

Operating Expenses	
Expenses	131,015.81
Total Operating Expenses	131,015.81
Surplus/(Deficit)	1,066.09

Department of Quality and Compliance, Manipal University

Quality and Compliance department, Manipal University is working with the following objectives:

1) Quality:

- Implementation of Integrated Management System (IMS) in a phased manner in all the institutions of Manipal University with a focus on its mission and vision. IMS shall comprise to implement relevant standards, accreditations and practicing business excellence models like Vision 2020 and also to develop integrated quality model to encompass all relevant standards.
- To take necessary steps towards sensitizing, training and maintaining the auditors' pool for Manipal University and its constituent units and to arrange cross audits at various constituent units and associate hospitals.
- To create an atmosphere to nurture quality/environment responsiveness as a culture.

- To facilitate the sharing of best practices across institutions of excellence at national and global levels and to get a deep insight into the working of our own institutions to understand our strengths and weaknesses, the Quality Dept processes and compiles applications for national and international awards and accreditations by various statutory and regulatory bodies.

2) Compliance:

- To assist the constituent units to comply with requirements of Statutory/Regulatory/Govt bodies;
- To organize academic audits at constituent units;
- To assist the constituent units in starting new programs and renewal of existing programs; and
- To assist University in preparing applications for starting new units/departments/programs.

3) Quality and Environment Management:

3.1) Status of ISO certification of Manipal University and its constituent institutions and associated teaching hospitals

Sl no	Name of the institute	Date when first certified for ISO 9001 QMS	Date when first certified for ISO 140001 EMS	Present status
1	Manipal University, Manipal	27 Dec 2004	23 Jan 2009	Both ISO 9001:2004 and 14001:2004 were integrated as Integrated Management System (IMS), effective from 26 Apr 2011 and valid upto 5 Apr 2014. Recertified and certificate validity is till 2017
2	Manipal College of Nursing, Manipal	8 Apr 2005	23 Jan 2009	Both the systems integrated with University as above and recertified
3	Manipal College of Pharmaceutical Sciences, Manipal	5 Jun 2005	23 Jan 2009	-do-
4	Manipal Institute of Technology, Manipal	7 Apr 2007	23 Jan 2009	-do-
5	Manipal College of Dental Sciences, Manipal	28 Aug 2006	23 Jan 2009	-do-
6	Welcomgroup Graduate School of Hotel Management, Manipal	29 Aug 2006	23 Jan 2009	-do-
7	School of Communication, Manipal	4 Jul 2007	23 Jan 2009	-do-
8	School of Allied Health Sciences, Manipal	29 Aug 2006	23 Jan 2009	-do-
9	School of Management Manipal	7 Jan 2004	23 Jan 2009	-do-
10	Kasturba Hospital, Manipal.	10 Jun 2004	23 Jan 2009	Both the system integrated with University during 2012 and recertified in 2014. Present certificate validity is till 2017.
11	Melaka Manipal Medical College (Manipal Campus)	26 Jun 2012	23 Jan 2009	Implemented QMS and integrated with University during 2012 and recertified in 2014. Present certificate validity is till 2017.
12	School of Information Sciences, Manipal	26 Jun 2012	23 Jan 2009	-do-
13	School of Life Science, Manipal	26 Jun 2012	23 Jan 2009	-do-
14	Faculty of Architecture	26 Jun 2012	15 Aug 2012	Implemented IMS during 2012 and recertified in 2014. Present certificate validity is till 2017.
15	Dr TMA Pai Hospital Udupi	26 Jun 2012	15 Aug 2012	-do-
16	Dr TMA Pai Rotary Hospital Karkala	26 Jun 2012	15 Aug 2012	-do-
17	Manipal College of Dental Sciences, M'lore	28 Aug 2006	10 Apr 2014	Implemented EMS and integrated with University during 2014. Present certificate validity is till 2017.
18	Kasturba Medical College Hospital M'lore	10 Jun 2004	10 Apr 2014	-do-
19	Kasturba Medical College, Manipal	11 Apr 2014	23 Jan 2009	Implemented QMS and integrated with University during 2014. Present certificate validity is till 2017.
20	Kasturba Medical College, Mangalore	1 Apr 2014	10 Apr 2014	Implemented IMS during 2014 and the present certificate validity is till 2017.
21	School of Regenerative Medicine, Bangalore	--	--	Decision for inclusion in IMS will be taken in 2017

4) Other activities:

4.1) NAAC and NBA Assessment and Accreditation Process workshop:

First ever workshop in Manipal on “NAAC and NBA Assessment and Accreditation Process” was organized by Dept of Quality and Compliance on Jan 27 and 28 2016. 35 participants from our constituent units from Manipal, Mangaluru, Bengaluru, Dubai and Melaka and from our sister Universities from Sikkim and Jaipur attended this workshop. Dr H Vinod Bhat, Vice Chancellor, Manipal University inaugurated the workshop.

Following were resource persons:

- Prof (Dr) B S Sonde, Former VC, University of Goa
- Prof (Dr) Shiban Kishen Kak, Former VC, MTU Noida
- Prof Savitha Kini, MIT Manipal
- Prof S N Bhat, MIT Manipal
- Prof Ciji Pearl Kurian, MIT Manipal
- Dr Pradeep Kumar G, Director, Quality and Compliance, MU



Vice Chancellor, Dr H Vinod Bhat inaugurating the Workshop along with resource persons – Prof B S Sonde, Former VC, Goa University and Prof (Dr) Shiban Kishen Kak, Former VC, MTU Noida



Prof B S Sonde conducting the session

4.2) Training

1) Three batches of internal auditors training program integrating both ISO 9001:2015 and ISO 14001:2015 Revised Standards were conducted as per the following details:

- Two batches of 97 participants were trained with the help of Mr Ananth and Mr Sridhar Moro leads auditor from M/s TUV Rheinland Pvt Ltd Bangalore from 27–29 Jul 2016 and 8-10 Sep 2016 respectively at Manipal campus. All the participants were qualified as internal auditors through these trainings.
- One more batch of 25 participants was trained with the help of Mr Sridhar Moro, a lead auditor from M/s TUV Rheinland Pvt Ltd B’lore from 7-9 Nov 2016 at Mangaluru campus. All the participants were qualified through this training.

Thus, added 122 new internal auditors to the pool of empanelled University Quality & Environment auditors.

2) ISO 9001:2015 & 14001:2015 – Awareness sessions

- 4 Oct 2016 – Awareness session on ISO revised standards – 2 batches
- 19 -20 Oct 2016 – Existing Internal auditors up gradation training – 1 batch
- 9-10 Nov 2016 - Existing Internal auditors up gradation training – 2 batches

3) Refresher course: Dr Sandeep Shenoy, Director Q & C attended a refresher course to qualify as an examiner for the 2016 cycle of IMC RBNQ Award. He evaluated an award application from the service industry.

5) Environmental Management at Manipal University Manipal University, Manipal is an ISO 9001 and 14001 certified campus, following a series of voluntary ISO standards on Quality and Environmental Management Systems (Q & EMS). The EMS certification came in 2008, following a clearly-articulated EMS. The Environment and Energy Policy is our guiding document that enables the University to achieve continual improvement over time.

Environment, Energy Policy:

Manipal University (MU) endeavours to promote community welfare, environmental protection and efficient energy use to a level of performance that moves “beyond compliance.” Striving to set a benchmark on a National and International level for education, healthcare, environment and energy management. MU is committed to cleaner and greener campus. To realize this vision, the University commits to:

Institutionalize best practices, comply with applicable laws, regulations, and other recognized requirements related to environment and energy use and where practicable exceed them.

Preventing pollution by continually monitoring and improving its environmental and energy performance by provision of resources to achieve set objectives and targets.

Establish and maintain management systems to improve energy performance and to minimize harmful effects on environment, human health and safety.

Promote use of clean, safe and energy efficient technologies in order to utilize natural resources efficiently.

Encourage transparency and communication of its commitment to sustainable development, simultaneously increasing awareness amongst its stakeholders as well as the community at large.

Foster education, research and information exchange on energy and environmental development to move toward global sustainability.

Environmental best practices within MU campus:

We work within the framework of the Energy and Environment Policy and consider the environment as a “living” entity that we sustain and protect even as we go about our daily activities.

Key focus areas:

- Waste management
- Water management
- Energy management
- Air quality and Green cover

Solid waste management:

- Domestic waste: This is collected from homes, hostels and residential facilities on the campus.
- Garden waste: This includes trimmed away branches, dried leaves, and all manner of garden waste – used in gardens.
- Food waste: Used in piggeries.
- Vegetable waste: From cafeterias and eating joints is composted.
- Paper, metals, plastics and glass are recycled by giving them to approved scrap vendors.
- Biomedical waste: This is generated in the hospital and nursing facilities within the campus and is handled as per the Biomedical Waste Rules.
- Hazardous waste: The major component in this category is generated out of the maintenance activity of vehicles and DG Sets – disposed to authorized recyclers.
- E-waste: Including desktop computers and accessories, compact fluorescent lights, printer cartridges are

collected through separate waste streams and disposed to authorized recyclers.

- Construction debris: Designated landfill on campus.

Biomedical waste is segregated at source in a strictly-implemented regimen, using color coded bins. Individual units send their biomedical waste to a central unit from where authorized agencies pick it up at regular intervals. They ensure the waste is treated and disposed of in a safe manner. Education and training form an important part of the effective implementation of disposal processes and also a critical indicator, not only from the environmental point of view but also from the standpoint of employee and patient safety. Hazardous and e-waste similarly are segregated at source and recycled by authorized agencies.

Waste water management:

For management of our water resources, we scrupulously adhere to the 3 R's; Reduce, Recycle, Reuse. Three sewage plants set up and maintained by MU treat the waste water generated in the campus. These have a combined capacity to treat 5,500 cubic meters per day. In order to further improve efficiency and increase capacity, augmentation of the above plants is in progress. Treated water from these plants are fully utilized for gardening and arboriculture. In addition, sullage treatment plant of 200 cubic meters per day capacity, treats grey water from the treatment plant which is re-circulated to the flush system in few hostel blocks.

Rainwater harvesting:

We harvest rainwater in two ways:

- From rooftops of buildings which is used for domestic purposes after proper filtering.
- By diverting storm water to abandoned bore wells to rejuvenate and improve the water table.

Rainwater collected from roof tops is connected to existing down-takes leading to a common header, flows through a filter. The filtered water is then led to a nearby sump and then piped for domestic use. Chlorination is done as required. This scheme adopted covers a catchment area of 27, 250 square meters. For recharging dry bore wells, a pit is excavated around the bore well and a filter medium is filled into the pit. Storm water drains and roof top rainwater pipes are diverted into this pit. The water gets filtered and recharges the bore well. This has been adopted in 11 locations around the campus leading to increase in water table and self-sufficiency during water stressed periods.

Air quality monitoring:

The air we breathe in the campus is clear and that is the way we like it. This is how we do it; we ensure the emissions from diesel generators and are further tested at regular intervals to ensure conformity to environmental limits.

To control vehicle emissions on our campus, a government-recognized Emission Testing Centre has been established. Services are offered at subsidized rates, so that self-compliance to vehicle emission norms is not an expensive rule to comply with.

Trees and shrubs are the “environmental lungs” of the campus. These lungs soak up harmful carbon dioxide and convert it to oxygen. All efforts are made to develop available open spaces into green zones through arboriculture and tree planting.

Energy conservation:

Energy conservation is an ever-present theme in the planning and developing of all our campus facilities. We are also increasing our energy procurement mix with an increase in renewable sources like solar energy.

A few of the measures taken by us to make the Manipal campus energy efficient

Upgrade of the air-conditioning systems. This is achieved by replacement of dated air-conditioning units with power-efficient units. Central air conditioning systems adopting state of the art water cooled screw chillers, and unitary air-conditioner controls with automation system for buildings with sensors for efficient cooling and automatic switching on and off depending on occupancy and fixed time schedule are installed replacing old systems.

Energy efficiency measures. Few measures undertaken are: reduce maximum load, and introduction of measures to improve quality of power by exchanging energy efficient transformers, pumps, detuned filters for capacitor banks, CFL/LED lighting and auto synchronization panels for load optimization and energy efficient power equipment as certified by Bureau of Energy Efficiency (BEE).

Solar water heaters:

Manipal, on coastal Karnataka, has an abundance of sunny day’s right through the year, except during the monsoons. Thus, solar powered heaters are exclusively used for heating requirements. Currently, the total installed capacity of solar heaters is four lakh liters per day thus reducing conventional energy use for heating.

Solar roof top PV systems:

MU has recognized this aspect as an important facet of its operation and has adopted an energy policy supplementing the existing environment policy. In line with this, MU has partially shifted from conventional energy use to renewable energy use and sourcing. This is being achieved by installing solar PV rooftop systems on four buildings in the first phase with a capacity of 525 kilowatts peak (kWp) in Sep 2015 connected to grid for self-use. Phase II initiated the addition of 275 kWp further adding to the existing capacity. These rooftop systems are however limited by the availability of shadow free area on existing buildings as ascertained in the initial survey conducted during proposal stage. This, in addition to already occupied roof tops for solar water heating systems leaves us with a comparatively smaller area that could be retrofitted with roof top PV systems. Recognizing this, to further boost MUs energy mix, green power procurement was put in place in Aug 2015. This substantially reduces MUs dependence on conventional energy sources thus mitigating carbon emissions as well as a shift towards sustainable energy use. Adoption of the above initiatives has led to 50 percent of the University’s power consumption being generated from a renewable source in 2016.

Awards and recognitions:

Our ongoing efforts have been recognized by the following awards. This recognition helps us to benchmark ourselves against global environmental standards.

1999–2000	District Award for Environment – First Prize
2002–2003	District Award for Environment – First Prize
2004–2005	Rajiv Gandhi Parisara State Award
2008–2009	First certification by TUV Rheinland under ISO 14001: 2004 EMS
2010–2011	Ranked Number 2 in India and 78th in the world@
2011–2012	Golden Peacock Environment Management Award 2012
	Ranked Number 1 in India and 35th in the world@
2012–2013	Golden Peacock Environment Management Award 2013 - Ranked Number 1 in India and 27th in the world@
2013–2014	Golden Peacock Environment Management Award 2014
	Ranked Number 1 in India and 35th in the world@
2014–2015	Ranked Number 2 in India and 42nd in the world@
2015–2016	Ranked Number 2 in India and 67th in the world@

@ Under suburban category in the UI Green Metric World University Ranking of respective years.

6) Achievements:

6.1) NAAC Accreditation

In May 2016, NAAC Peer team consisting of 17 academicians including Vice chancellors, Pro Vice Chancellors, Directors and Professors of the top most universities and colleges of the country visited the campuses of MU at Manipal, Mangalore and Bangalore from 23 to 26 May 2016. The accreditation covered eight constituent colleges including the teaching hospitals, six schools and two centers of excellence. NAAC Peer team had an opportunity to visit all the unique facilities of the university namely Marena, Manipal Anatomy and Pathology Museum, Destination Manipal, etc.



Prof G N Kazi, Chairman, Peer team and members with Vice chancellor and others at the NAAC Peer team visit Exit meet.



Prof G N Kazi, Chairman, Peer team and members with Vice chancellor and others at the NAAC Peer team visit Exit meet.

As an outcome, University is accredited with the highest grade, i.e., "A" and with a CGPA of 3.3. According to NAAC, only institutions which get a minimum CGPA of 3.01 on a 4 point maximum scale are given "A" and declares such an institution with a high level of academic accomplishment as "very good." CGPA in the range 2.01 to 3.00 gets a "B" grade meaning "good." CGPA of 1.51 to 2.00 gets a "C" grade meaning "satisfactory." CGPA less than 1.50 gets a "D" grade meaning "unsatisfactory."

6.2) QS University Rankings: ASIA

MU is ranked 17 in India and 200 in Asia among the top Asian Universities.

6.3) QS University Rankings: BRICS

MU was placed in 101-110th position in the international rankings among the top universities in BRICS countries

6.4) Times Higher Education BRICS & Emerging Economies Ranking

MU was placed in 250-300th position in the international rankings among the top universities in BRICS & Emerging Economies countries

6.5) Times Higher Education World University Ranking 2016

For the first time, MU got ranked 801+ in the THE WUR and secured a place in World University Rankings

6.6) MU ranked 2nd in India and 67th globally in UI Green Metric Ranking 2016 (suburban category).

Globally ranked 213th in the Overall category among 516 Universities from 71 countries.

7) Other Awards and Rankings

Ranked no 32 in All India University Ranking survey conducted by National Institutional Ranking Framework (NIRF), MHRD, Govt of India and No 6 among private universities.

Ranked no 1 among Top Private Universities in India and rated AAAA+ grade under Top Private Multi-Disciplinary University by Careers360 University Ranking 2016.

Ranked 2nd by Careers360 University Ranking 2016, among top 30 Best Universities under private ownership.

9th ASSOCHAM Higher Education Summit and National Excellence Awards - 2016 - Won best university promoting research.

Top private university in India by Education World Ranking Survey May 2016.

Ranked no 1 among non-government (private and deemed) multidisciplinary universities in India by The Week – Hansa Research Best Universities Survey 2016.

Ranked no 20 among all the Multidisciplinary Universities in India by The Week – Hansa Research Best Universities Survey 2016.

Ranked no. 10 among all the multidisciplinary universities in South Zone by The Week – Hansa Research Best Universities Survey 2016.

Won "Excellence in Internationalization" award at FICCI Higher Education Summit 2016 held at New Delhi on 10 Nov 2016.

Compliance:

Assisting University and constituent units in complying with the requirements of following statutory and regulatory bodies:

1. Govt of India, New Delhi
2. Govt of Karnataka, Bangalore
3. University Grants Commission, New Delhi
4. Medical Council of India, New Delhi
5. Dental Council of India, New Delhi
6. All India Council for Technical Education, New Delhi
7. Council of Architecture, New Delhi
8. Pharmacy Council of India
9. Indian Nursing Council and Karnataka State Nursing Council
10. Karnataka State Pollution Control Board

Office of International Affairs and Collaborations

Established in 2013 with a view to providing a comprehensive service across the University in the international arena, the Office of International Affairs and Collaborations (OIAC) is headed by a team of dedicated staff and supported by the advisory council, a group of faculty and administrators representing each of the University's 17 colleges, plus other key academic units.

The office located in the third floor of the EDU building is set up to primarily serve as:

- The Office of International Partnerships and Agreements;
- The Office of International Programs, which facilitates study abroad opportunities for students of Manipal University as well as for incoming international students
- The liaison office for both outbound and inbound international students.

This office provides a comprehensive and unified framework within which all work in the international arena can seamlessly be achieved.

Primarily responsible for providing direction, assistance and synchronising all of the University's international work, this office liaises with overseas institutions and governments. While providing this leadership role, the office does recognise the importance of individual initiatives, needs and innovativeness of faculty and students across the University. Thus, its primary role is to coordinate the individual activities through a central location, within the context of a well thought out international strategic plan and to facilitate the interrelated and concomitant activities.

The key focus of the office is to provide a centralized location for helping the faculty staff and students, affording the needed assistance for all of their international work. Individual decentralized colleges and schools will still continue to pursue their individual interests although they will be required to coordinate their work through this

central location. In short, while the goal of the OIAC is to provide harmony, the idea is to encourage academic associations through creative partnerships and the central role of the departments in this process thus assumes an added dimension.

The office will also help align international opportunities within each college's curriculum by:

- Enabling student mobility across institutions';
- Enrolling transnational students for both short and long term; and
- Facilitating institutional grants and contracts to pursue value-creating projects for the University in general.

This office however does not deal with academic affairs of the respective departments, which will be the predominant domain of the concerned institutions. In addition, all full-time admissions are divested to a separate international admissions office headed by a team of academic counsellors and administrative staffs working under the guidance of the director admissions.

Faculty resource centre:

It also serves as the primary liaison and resource centre for the university's vital international linkages, by supporting the development of all memorandums of agreements and partnerships with overseas universities, foreign governments and international organizations abroad. It will help promote the involvement of Manipal's faculty members, staff and students in international research and development projects, facilitate access to international funding opportunities and in general enrich Manipal University's engagement with global cultures, by sharing our physical and intellectual resources with other societies across the world. In its effort to bolster awareness of globalization across campus, this office has been active in facilitating faculty exchanges to overseas partners. These visits, primarily short term, are designed to increase the

as a foreign destination to overseas students, the university offers short term immersion and semester wide study abroad programs. These programs are tailored to the needs of the incoming students and is a mixture of in class and experiential learning designed to provide a wholesome experience to the students. This program is primarily conducted by the Department of European Studies and Department of Geopolitics and the following chart summarises the activity for the year, both home institution and overseas institution wise.

Summer school/study abroad program – outgoing

Institution at MU	Semester at partner university	No. of students
SOC	Audencia Nantes, Hanze University of Applied Sciences, HU Utrecht, HS Bremen, Erasmus Rotterdam	15
MIT	Aarhus University, Joseph Fourier Grenoble, EPITECH, Leibniz Hannover	14
DOC	HU Utrecht	2
DES	Metropolitan University Prague	1
SOIS	EFREI	
SOLS	Flinders University	3
Geopolitics	Aarhus University	2
SOAHS	DPR North Korea, MCNV Vietnam	7
IAESTE	Semester exchanges	90
AIIESEC	Semester exchanges	7

Summer school/study abroad program – incoming

University (From)	No. of students
Lancaster University (DES)	12
Volda University (SOC)	7
Global Health Symposium (DPH) (Maastricht and McMaster University)	168
Robert Gordon University (SOAHS)	14
Global Leadership Forum (SAP)	5
University of Maryland (DPH)	12
Alliance Francaise (SAP)	10
MSH Institute of Health Professionals (MCON)	7
University of Ohio (DPH)	18
MIDST (MCOOS Manipal)	5
University of Findlay (MCOPS)	5
University of Miami (MCON)	17
University of Groningen (PHESA)	10

Foreign language instructions:

With a view to promoting awareness of languages, under the stewardship of the Department of European Studies, the OIAC is happy to announce that several languages such as French, German, Spanish, Italian and Polish languages are offered for our students after the regular working hours of the university. We are happy to state that currently there are approximately 500 students who are undergoing these language courses at various levels of instruction. Such proficiency would enable our students to be highly competitive while perusing their higher studies or semester exchange programs in France, Germany, Italy, Spain and other Scandinavian/European countries.

Provision of ancillary student services:

OIAC continues provide the necessary expertise in the advising of various aspects of settling in on campus and compliance with immigration requirements for all international students, international faculty and staff and short-term exchange visitors. Similar assistance is extended to Manipal students aspiring to travel overseas to facilitate a safe and pleasant experience.

In addition, the OIAC ensures the university compliance with the myriad of evolving regulations both statutory and otherwise, in conjunction with the office of quality and compliance, support the University by managing global student and scholar interactions, and facilitate in general, the well-being of all international students, faculty, and staff. Some of the regulatory and compliance issue, which our office has now centralized are:

- Act as a central office for receipt and disbursement of all potential applications for student exchanges;
- Generation of invitation letters for visa purposes and interaction with consulates;
- Arranging accommodation and logistics on arrival/ departure;
- FRRO Compliance with respect to both entry and exit as well as fulfilling the requirements of the following statutory forms of the department of immigration
 - » Form C
 - » Form S; and

Actively review financial matters in consultation with Finance/HR department with respect to grants, fees, etc.

Memorandum of agreements:

One of the primary roles being the facilitation of collaborative arrangements with overseas institutions, the OIAC actively participates and oversees the drafting of general and specific agreements in accordance with the varying needs of the respective departments. While the concerned institutions finalize the academic activity and the details of the same, the OIAC assists in bringing this process to fruition. In this process, it works extensively with the office of legal affairs as well as the office of quality and compliance to ensure consistency and operation within a regulated framework. In the year 2016 a total of 51 MoUs from various departments were signed with institutions from all continents of the globe. The following table illustrates the same.

MoUs Signed in 2016	51
Total active MoUs	210
Revenue generated for the current year (Approx 10 percent increase)	INR 2,44,97,778.00

Manipal University Student Exchange Program (MUSEP):

MUSEP (Manipal University Student Exchange Program) is an initiative of Office of International Affairs and Collaborations under Manipal University. Started last year, this exchange program provides opportunities for students to work with faculty at Manipal University on a variety of research topics of interest to faculty and the corporate world alike. These topics range from a wide gamut of disciplines ranging from physical to health sciences and from literature to fine arts. This activity enables the students to acquire knowledge beyond their academics and gain experience by means of an internship (not restricted to technical experience), funded fully by the university. The instruction provided is both traditional and experiential with emphasis on originality and individual creativity. In addition, it provides a valuable experience in terms of

- Independence of thought and professional development in a foreign environment;
- Cross-cultural skills and sensitivity; and
- International Networking.

Acquirement of new skill sets, language etc. MUSEP services are available in two types

- Reciprocity: This exchange program includes exchange on purely reciprocal terms with an overseas institution, where the host university receives and takes care of the living expenses and accommodation of the student applying for the internship.
- Fee based training: Students interested in these types of offers will be charged the college tuition fees prevailing at that point in time and can apply directly to the OIAC for further information.

MUSEP being a central repository of projects available in Manipal University will be shared with partners/IAESTE/AIESEC/etc. To check on going offers/projects one may visit www.musep.manipal.edu. For any further communications contact musep@manipal.edu. Starting from a modest beginning of about 40 proposals last year, the current number of opportunities for overseas students is well in excess of 700 for this year.

IAESTE/AIESEC:

IAESTE is the flagship student exchange program of Manipal University. IAESTE India and its local chapter (LC) IAESTE Manipal are fully supported student run organizations by Manipal University and its constituent colleges. These organizations by the students, for the students and of the students, having a membership of over 2000, provide a

plethora of opportunities for students to enhance their careers by pursuing technical internships abroad.

For details contact chairperson@iaeste.in.

AIESEC, on the other hand, is a global volunteer organization for inbound and outbound exchange students, involving primarily projects of social importance and which have deep impact on the society at large. For details visit <https://opportunities.aiesec.org/>.

International day:

To bring all international students under one roof and showcase the cultural diversity of Manipal University, the Student International Day was celebrated on Sunday, 13 Aug 2016. With more than 1000 participants from 60 countries, the event truly reflected the celebration of the multiculturalism of the international students on campus with various activities such as yoga, classical dances, a variety of musical events and food fiesta depicting the cuisine of various countries. The event came to a successful conclusion with a classical fashion show reflecting the diversity of the cultures from different countries.



Memorandum of Understanding (MoU)

Sl no	Party 1	Party 2
1	Manipal University	McGill University
2	Manipal University	The University of Queensland, Australia
3	Manipal University	ESIGELEC – Ecole Superieure d’Ingenieurs en Genie Electrique, France
4	Manipal University	EFREI – Engineering School of Informations and Digital Technologies and ESIGETEL – Engineering School of Digital Sciences, France
5	Manipal University	HMKW University for Media, Communication and Business, Germany
6	Manipal University	SRH University of Applied Sciences for Logistics and Management, Germany
7	Manipal University	Universita Degli Studi Di Milano, Italy
8	Manipal University	American Heart Association, Inc
9	Manipal University	International Training Center, Dubai
10	Manipal University	University of Cincinnati, USA
11	Manipal University	The Free State Provincial Government (FSPG), Republic of South Africa
12	Manipal University	University of Hertfordshire Higher Education Corporation, UK
13	Manipal University	James Cook University, Australia
14	Manipal University	Gatton College of Business and Economics, University of Kentucky
15	Manipal University	Institut Superieur d’Electronique de Paris/Institut Catholique de Paris (ISEP/ICP), France
16	Manipal University	University of Waikato
17	Manipal University	University of Evora
18	Manipal University	Osnabruck University
19	Manipal University	SAGES Institute, International
20	Manipal University	University of Wollongong
21	Manipal University	IPAG Business School
22	Manipal University	Ducasse Education
23	Manipal University	University of Latvia
24	Manipal University	Liebniz University Hannover
25	Manipal University	University of Sydney
26	Manipal University	University of Bremen (FB8)
27	Manipal University	Deakin University, Victoria, 3220
28	Manipal University	National Institute of Advanced Industrial Sciences and Technology acting through its Biomedical Research Institute, Japan
29	Manipal University	University of Cape Town
30	Manipal University	McGill University, Canada
31	Manipal University	George Brown College Toronto, Ontario, Canada
32	Manipal University	VA Belyi Metal-Polymer Research Institute of National academy of sciences of Belarus
33	Manipal University	The University of Queensland, Australia
34	Manipal University	University Court of the University of Aberdeen, United Kingdom
35	Manipal University	The University of Maryland
36	Manipal University	Kyushu Institute of Technology
37	Manipal University	Vetha Center for Transdisciplinary Studies
38	Manipal University	Katholieke Universiteit leuven
39	Manipal University	The Board of trustees of the University of Arkansas for and on behalf of the University of Arkansas Little Rock, Arkansas, United States of America (UAMS)
40	Manipal University	Ariel University, Ariel, Israel
41	Manipal University	Oslo and Akershus University
42	Manipal University	Aarhus University
43	Manipal University	University of Queensland
44	Manipal University	Mekelle University
45	Manipal University	University of Louisville
46	Manipal University	Tel-Aviv University
47	Manipal University	University Sains Malaysia
48	Manipal University	Rotor Bearing solutions, USA
49	Manipal University	HU Business school Utrecht
50	Manipal University	Hogeschool Utrecht
51	Manipal University	Medical Committee Netherlands Vietnam (MCNV)

Cultural Coordination Committee, Manipal University

Report for the year 2016

The Cultural Coordination Committee (CCC) of Manipal University conducts various cultural activities, covering a large spectrum of events. CCC works in association with all constituent institutions of Manipal University and caters to a wide audience, beginning from our students, faculty members to art lovers from nearby areas of Manipal.

The year 2016 saw a large number of cultural activities organized by CCC. In all the activities spanning through the year, a large number of audience, primarily students, witnessed some fine performances by scores of artists. Despite the academic rigour, the enthusiasm of students in both helping conduct the events and as audience has been exemplary. The biggest annual event of CCC, UTSAV, an intercollegiate competition of Manipal University was a resounding success with hundreds of students competing and thousands of students witnessing. The various events organized by CCC are broadly categorized under SPIC MACAY activities, Gunjan activities, Student affair activities and other cultural activities.

Year 2016 saw the maximum number of events by CCC in an academic year.

SPIC MACAY – Society for Promotion of Indian Classical Music and Culture amongst Youth – a national level student movement with its headquarters at New Delhi, is actively functioning at Manipal University under the aegis of CCC as a sub chapter of SPIC MACAY Mangalore chapter, operating from NITK Surathkal. Year 2016 particularly was an eventful year for SPIC MACAY events. The hallmark was the visit of founder of SPIC MACAY, Padmashree awardee Dr Kiran Seth and the Chairperson Mr Arun Sahay. Following are the programs organized during 2016 under SPIC MACAY banner at Manipal:



Visit of Prof Kiran Seth and Mr Arun Sahay, Current National Chairperson, SPIC MACAY, 6-Feb-16



Odissi Dance by Guru Sangeeta Dash and team, 18 Aug 2016



Carnatic Veena recital by Ved D Balakrishna, 24 Oct 2016



Mohiniattam by Manjula Murthy, 27 Jan 16





SPIC MACAY Bihu dance: Held at
 1) MGM College, 2) MU Manipal, 3) Mahaveera M'bidri, 4) Bhuvanendra, Karkal, 5) KMC M'lore, 6) Mukunda Kripa, 7) Bhandarkar, K'pur, 8) Madhav Kripa, 15-18 Aug 2016

GUNJAN—A forum of art lovers and artists operating under Manipal University Cultural Coordination Committee:

This forum basically functions with the aim to support local budding artists (including students, staff members and children of staff members) by providing them an opportunity to perform in a chamber concert. A large number of events were held under this category and many of them were initiated for the first time. Following programs were organized during 2016 under this forum:



Magic and music program -Hind Vocal by Pt Ravikiran Manipal and Magic show by Mr Thejaswi (Jr Shankar) Udupi at MMMC Melaka, 29 Feb 2016



Hind Cal Vocal by Pt Prasad Khaparde, 1 Feb 2016



Music festival in association with Ranjani Memorial Trust 9-12 Sep, 2016



Music programs in association with Ragadhana Udupi, 5-7 Feb 2016



Hind CI Vocal by Mr Milind Chittal, Dubai, 29 Sep 2016



Bharatanatyam by Ms Aranyani and team, Vyuti Dance Co B'lore, in association with MCPH, 28 Oct 2016



Vadiraja Kanakadasa Music festival, 9-11 Dec 2016



Santoor concert by Pt Bhajan Sopori, New Delhi, 10 Dec 2016

Student Affairs:

The following cultural events and extracurricular competitions were organized for the students of Manipal University in coordination with the Student affairs department.

Keeping in tradition with the biggest cultural competition in town, Utsav 2016 was as big as it could get. A total number of 218 staff members participated in Staff Utsav and a huge 1284 students participated in Student Utsav held from 05-09 Apr 2016. Students from 10 different nationalities took part. While females comprised 54 percent of last year's participants and 46 percent were male. A total number of 24 states were represented by students in Utsav 2016 showing its true pan India nature. For the first time, an Utsav App was launched which saw nearly 700 downloads. Utsav 2016 was also marked by the presence of Michelin star celebrity Chef and a WGSMA alumnus Chef Vikas Khanna.

Utsav 2016-Winner list

Sl no	Event	First prize	Second prize	Third prize
1	Painting	Mr Aakash Agnihotri, MCOADS, Mangalore	Ms Saarwaani, KMC, Manipal	Ms Sukanya Roychudhury, FOA
2	Cartooning	Mr Siddharth Maitra, MCOADS, Mangalore	Mr Nishant Madhu, FOA	Ms Ridyumna, MCOADS, Manipal
3	Debate	Mr Shatadru Seth and Mr Arjun Tandon, KMC Mangalore	Mr Krishna Mohan and Mr Saahil Khandelwal, MCOADS, Mangalore	Mr Arunendra Vikram Singh and Ms Akanksha Roy, MCOADS, Manipal
4	Extempore	Pashangh Lavangia, MIT	Mr Arunendra Vikram Singh, MCOADS Manipal	Mr Arjun Kumar, KMC, Manipal
5	Instrumental solo	Mr Diptendu Lahiri, SOC	Mr Dufang Khungur Basumatary, FOA	Jonathan Rohan Silveira, SOAHS
6	Pot pourri	MIT	KMC, Mangalore	SOC
7	Cultural parade	MCOADS, Manipal	SOC	MCOADS, Mangalore
8	Indian non-classical light vocal (solo)	Ms Swagata Saha, MCOADS, Manipal	Ms Sayli Nagraj, KMC, Manipal	Mr Parinendra Singh, SOAHS
9	Indian non-classical light vocal (group)	KMC, Mangalore	MUTD	MU Dubai
10	Rangoli	KMC, Mangalore	MCOADS, Mangalore	MCON

Sl no	Event	First prize	Second prize	Third prize
11	Collage	KMC, Manipal	MCODS, Mangalore	WGSHA
12	Quiz	MIT	MIT	KMC, Manipal
13	Creative jam	MCODS, Mangalore	MCODS, Manipal	KMC, Mangalore
14	Indian classical vocal solo	Vidyalakshmi Vijaykumar, SOC	Tanveer Sapra, MIT	Srutarshi Lahiri, KMC, Mangalore
15	Indian classical dance (solo)	Ms Meria Georgeena Reji, SOAHS	Ms Abhirami Prem Kurup, MU Dubai	Ms Monica Rao, MUTD; Smedha G K, MIT, Manipal; Swathi A M, MCODES, Manipal
16	Indian non-classical dance (solo)	Ms K Rhea Devaiah, SOAHS	Ms Raksha U, SOC	Ms Kunchay Gayatri, MCODES, Manipal ; Ms Apoorva Anand, MCODES, Mangalore
17	Indian non-classical dance (group)	MCODS, Mangalore; KMC, Manipal	MCODS, Manipal	MIT
18	Spot phtography	Bok Ru Yuan, MMMC	Disha Patra, KMC, Manipal	Harsh Rajvanshi, MUTD
19	Installation	KMC, Manipal	KMC, Mangalore	MCODS, Mangalore
20	Poetry (English)	Shafiq, MCODES, Mangalore	Kavithaanjally Kumar, MMMC	Dwiref Oza, MIT
21	Poetry (Hindi)	Anany Shukla, MIT	Zoheb Khan, KMC, Manipal	Astha, KMC, Mangalore
22	Mimicry	Mohammad Daanish, KMC, Mangalore	Anvesh Badamkar, MIT	Arunendra Vikram Singh, MCODES, Manipal
23	Antakshari	KMC, Manipal	KMC, Mangalore	KMC, Mangalore
24	Western vocal (solo)	Rose Bobby Thomas, MCOPS	Sonal Nayak, DOC	Upasana Mohapatra, MIT
25	Western vocal (group)	MCON	MMMC	SOAHS
26	Western dance (solo)	Gavin Joshua Rodrigues, WGSHA	Giti Furoz Syed, KMC, Mangalore	John Daniel, MIT
27	Western dance (group)	MCODS Mangalore	MIT	KMC, Mangalore
28	JAM	Pallak Razdan, MCODES, Mangalore	Deeksha Bhat, SOC	Shatadru Seth, KMC, Mangalore
29	Clay modeling	KMC, Manipal	MIT; KMC, Mangalore	MCODS, Manipal
30	Mime	MCODS, Mangalore	MCODS, Manipal	KMC, Mangalore
31	Street play	KMC, Mangalore	MCODS, Mangalore	MIT
32	Mad ads	MCODS, Mangalore	SOLS	MMMC; MCOPS
33	Duet sance	KMC, Manipal	MCODS, Mangalore	WGSHA
34	Fashion show	MCOPS	FOA	MCODS, Manipal
35	Staff Utsav			
36	Cooking (vegetarian)	Ms Ruchi Verma, MCOPS Manipal	Ms Saritha Kamath U, SOAHS Manipal	Ms Nitu Sinha, MUTD Manipal
37	Cooking (non-vegetarian)	Ms. Anupa Lewis, SOC Manipal	Ms Ruchi Verma, MCOPS Manipal	Dr Sharada Rai, KMC Mangalore
38	Cooking (sweets and dessets)	Ms Ruchi Verma, MCOPS Manipal	Swarna G Kini, MCOPS Manipal	Ms Ashwini L S, MMMC Manipal
39	Flower arrangement	Dr Flora D Lobo, KMC Mangalore	Ms Poornima Panduranga K, MIT Manipal	Ms B Reshmi, SOAHS Manipal
40	Variety entertainment	MIT	KMC, Manipal	MCODS, Mangalore

UTSAV 2016 Overall Winners – First Place: MCODES, Mangalore

UTSAV 2016 Overall Winners – Second Place: KMC, Mangalore

UTSAV 2016 Overall Winners – Third Place: MIT, Manipal

Manipal Centre for Professional and Personal Development (MCPD)

5th floor, Health Sciences Library Building, MU, Manipal

Phone Number: 0820-2923444

Email-office: mcpd.mu@manipal.edu, Director: sudhakar.nayak@manipal.edu



Name of the Director: Dr Sudhakar Nayak

Established: 2011

Programs:

- Training programs for faculty members, students and non-teaching staff

About department:

MCPD plans, organizes and conducts workshops, training programs, CMEs and lectures for the faculty members, non-teaching staff and students of Manipal University. It

also conducts various outstation workshops for the faculty members on Professional and Personal Development.

Institutional activities/curricular activities:

New initiatives:

Sl no	Activity	Particulars
1	Leadership Summit-2016	Empowerment program for school and college principals from North-East India conducted at SMIT, Sikkim
2	Client Service Improvement workshop	Capacity building and soft skill training workshops for the non-teaching staff of Manipal University
3	Teaching, Learning and Life Skills workshop	Career enhancement program for the post graduate students of MIT, Manipal
4	Leadership training for Nursing Administrators-2016	Developing effective leadership in nursing teachers
5	Synergy2016-A Leadership workshop for Collaborative Practice	A professional and personal Development workshop for the students of VSO, Manipal University
6	Faculty Empowerment: Through Professional and Personal Effectiveness	Regular faculty workshops for the teachers of Manipal Institute of Banking, Bangalore
7	FAIMER Fellowship program	Residential sessions for the FAIMER fellows in collaboration with FAIMER, Philadelphia
8	International Symposium in IPE	A symposium that addressed the competencies of inter-professional education and practice
9	National Consultation in IPE	For discussing a framework for (IPE and IPP)

All other activities in the department relating to the program/course:

MCPD conducted following workshops during the year 2016:

Sl no	Activity	Particulars
1	Shibboleths in Faculty Development (Group 1)	MCPD and Manipal University, Manipal, 2 Jan 2016
2	Effectiveness Workshop for Chef on Wheels Administrators	MCPD and Manipal University, Manipal, 5 Jan 2016
3	Shibboleths in Faculty Development (Group 2)	MCPD and Manipal University, Manipal, 6 Jan 2016
4	Shibboleths in Faculty Development (Group 3)	MCPD and, Manipal University, Manipal, 9 Jan 2016
5	Workshop on Constructing One Best Answer MCQ	Melaka Manipal Medical College, Manipal, 11 Jan 2016
6	Training for Palliative Care Educators	Kasturba Medical College, Mangalore 22 Jan 2016
7	Shibboleths in Faculty Development	Kasturba Medical College, Manipal-20 February, 2016
8	Student Learning: Making the Most Significant Event Happen (Group 1)	MCPD and Manipal University, Manipal, 5 Feb 2016
9	Student Learning: Making the Most Significant Event Happen (Group 2)	MCPD and Manipal University, Manipal, 6 Feb 2016
10	Don't Take Your Umbrella to the Bed	MCPD and Manipal University, Manipal, 2 Apr, 2016
11	Pedagogic and Personal Effectiveness Workshop (Group 1)	Manipal University Jaipur, Jaipur, 18-20 Apr 2016
12	Pedagogic and Personal Effectiveness Workshop (Group 2)	Manipal University Jaipur, Jaipur, 21-23 Apr, 2016
13	Pedagogic and Personal Effectiveness Workshop	Sikkim Manipal Institute of Technology, Sikkim, 3-5 May 2016
14	Pedagogic and Personal Effectiveness Workshop	Sikkim Manipal Institute of Medical Sciences, Sikkim, 6 to 9 May, 2016
15	Professional and Personal Effectiveness workshop for TAPMI teaching assistants	MCPD and Manipal University, Manipal, 27 and 28 May 2016
16	Breaking the Monotony: Dipsticks to fathom student learning in large groups (Group 1)	MCPD and Manipal University, Manipal, 28 May 2016
17	Breaking the Monotony: Dipsticks to fathom student learning in large groups (Group 2)	MCPD and Manipal University, Manipal, 31 May 2016
18	Breaking the Monotony: Dipsticks to fathom student learning in large groups (Group 3)	MCPD and Manipal University, Manipal, 2 Jun 2016
19	Breaking the Monotony: Dipsticks to fathom student learning in large groups (Group 4)	MCPD and Manipal University, Manipal, 3 Jun 2016
20	Soft Skills for Nursing Professionals	Manipal College of Nursing, Manipal, 29 Jun 2016
21	Pedagogic and Personal Effectiveness Workshop	MCPD and Manipal University, Manipal, 1-5 Jul 2016
22	Fostering Student Learning Through Faculty Empowerment	School of Allied Health Sciences, Manipal, 15 Jul 2016
23	Pedagogic and Personal Effectiveness Workshop	MCPD and Manipal University, Manipal, 7-11 Jul 2016
24	Leadership Summit 2016: A Conference for Principals on Educational Leadership in 21st Century	Sikkim Manipal Institute of Technology, Sikkim, 21 and 22 Jul 2016

Sl no	Activity	Particulars
25	Articulate with Aplomb: Public Speaking Skills from a Lectern (Group 1)	MCPD and Manipal University, Manipal, 28 Jul 2016
26	Leadership training for Nursing Administrators (Group 1)	MCPD and Manipal University, Manipal, 30 Jul 2016
27	Leadership training for Nursing Administrators (Group 2)	MCPD and Manipal University, Manipal, 2 Aug 2016
28	Articulate with Aplomb: Public Speaking Skills from a Lectern (Group 2)	MCPD and Manipal University, Manipal, 3 Aug 2016
29	Pedagogic and Personal Effectiveness for Teachers of Audiology and Speech Language Pathology	Kasturba Medical College, Mangalore, 11-13 Aug, 2016
30	Public Speaking Skills for Student Leaders of Voluntary Service Organization	MCPD and Manipal University, Manipal, 3 Sep 2016
31	Faculty Empowerment: Through Professional and Personal Effectiveness	Manipal Academy of Banking, Bangalore, 9 and 10 Sep 2016
32	Curriculum Convention	Manipal College of Nursing, Manipal, 12 Sep 2016
33	Student Learning: What teachers can do to make this happen	Manipal International University, Malaysia, 22 and 23 Sep 2016
34	Student Learning: What teachers can do to make this happen	Melaka Manipal Medical College, Malaysia, 24 and 25 Sep 2016
35	Blended Learning in PBL	MCPD and Manipal University, Manipal, 23 Sep 2016
36	Pedagogic and Personal Effectiveness Workshop	Manipal College of Medical Sciences, Nepal, 3-5 Oct, 2016
37	Pre-Convention Workshop for Association of Pharmaceutical Teachers of India	Manipal College of Pharmaceutical Sciences, Manipal, 14 Oct 2016
38	Advance Course in Public Speaking for MU Staff (Group 1)	MCPD and Manipal University, Manipal 24-26 Oct 2016 2-4 Nov 2016
39	Advance Course in Public Speaking for MU Staff (Group 2)	MCPD and Manipal University, Manipal, 25-27 Oct 2016, 3-5 Nov 2016
40	Pedagogic and Personal Effectiveness Workshop (Group 1)	Manipal University Jaipur, Jaipur, 10-12 Nov 2016
41	Empowerment Workshop for non-teaching staff (Group 1)	Manipal University Jaipur, Jaipur, 11 Nov 2016
42	Pedagogic and Personal Effectiveness Workshop (Group 2)	Manipal University Jaipur, Jaipur, 14-16 Nov 2016
43	Empowerment Workshop for non-teaching staff (Group 2)	Manipal University Jaipur, Jaipur, 15 Nov 2016
44	Implementing Instructional Initiatives Imaginatively (Group 1)	MCPD and Manipal University, Manipal, 28 Nov 2016
45	Implementing Instructional Initiatives Imaginatively (Group 2)	MCPD and Manipal University, Manipal, 29 Nov 2016
46	Learning to Live, Living to Learn ICICI Probationary Officers (Group 1)	Manipal Academy of Banking, Bangalore, 1 Dec 2016
47	Learning to Live, Living to Learn ICICI Probationary Officers (Group 2)	Manipal Academy of Banking, Bangalore, 2 Dec 2016
48	Faculty Empowerment Workshop (Part 2)	Manipal Academy of Banking, Bangalore, 3 Dec 2016

Sl no	Activity	Particulars
49	Faculty Development Program for Effective Teaching	Manipal Institute of Technology, Manipal, 5 Dec 2016
50	Futura Pedagogica (Group 1)	MCPD and Manipal University, Manipal, 10 Dec 2016
51	Futura Pedagogica (Group 2)	MCPD and Manipal University, Manipal, 12 Dec 2016
52	Pedagogic and Personal Effectiveness Workshop	MCPD and Manipal University, Manipal, 19-22 Dec 2016
53	Client Service Improvement Workshop (Batch 1)	MCPD and Manipal University, Manipal, 23 Dec 2016

MUFILPE Program:

Awards/recognitions:

Sl no	Activity	Particulars
1	International Symposium on Interprofessional Education and Interprofessional Practice	Dr TMA Pai Hall, 2nd floor, KMC, Manipal, 7 May 2016
2	National Consultation on Interprofessional Education	Dr TMA Pai Hall, 2nd floor, KMC, Manipal, 9 May 2016
3	SYNERGY: A Leadership Workshop for Collaborative Practice	MCPD and Manipal University, Manipal, 13 and 14 Jun 2016
4	Teaching and Assessing Professionalism	MCPD and Manipal University, Manipal, 14 Jun 2016
5	Framework for Action on Interprofessional Education and Practice	MCPD and Manipal University, Manipal, 30 Nov 2016

a) Dr K Ramnarayan, Dr Sudhakar Nayak and Dr Ciraj A M, the faculty members of MCPD were honoured by Indian Society of Periodontology (ISP) for their significant contributions by conducting faculty training programs for the members of the ISP. MCPD has conducted 10 workshops in the last five years, training almost 500 dental teachers of ISP. These workshops were conducted at the following centres:

Udaipur, Mumbai, Manipal, Kottayam, Vijayawada, Hyderabad, Chennai, Lucknow, Vadodara and Bangalore.

b) Following universities and other educational institutions invited MCPD to conduct faculty development programs for their teachers from various disciplines

- Dharmsinh Desai University, Nadiad, Gujarath, 26-28 Feb 2016
- Shri Vishnu Educational Society, Hyderabad, 7-9 Mar 2016
- Manubhai Patel Dental College, Vadodara, 17-19 Mar 2016
- MAHSA University, Kuala Lumpur, Malaysia, 19-21 Sep 2016

- Sumandeep Vidyapeeth Deemed University, Vadodara, 23-24 Nov 2016
- PSI Institute of Medical Sciences and Research Foundation, Vijayawada, 7-9 Dec 2016

c) Dr Ciraj A M, Deputy Director, MCPD, received the International Fellowship in Medical Education (IFME) and completed three years Masters in Health Professions Education (MHPE) program with a distinction from Keele University (United Kingdom) specializing in assessment and accreditation.

d) Dr Ciraj A M was nominated as the Executive Member of the Academy of Health Professions Educators, official body of health professions educators of India.

e) Dr Ciraj A M was nominated to the Board of Management, Medical education, Pramukhswami Medical College, Karamsad, Gujarat.

f) Dr Ciraj A M was invited faculty to conduct sessions on conflict management at the FAIMER regional institute, CMC, Ludhaina.

g) Dr Ciraj A M was invited faculty to give talks on inter-professional education at the:

- MEDUCON symposium – “The Future of Health Professions Education in India” 2016 organized by department of Medical Education, JIPMER Pondicherry.
- METCON 2017, Hyderabad

h) Dr Ciraj A M Conducted workshops in:

- Yenepoya University on “Formative Assessment”;
- “Problem based learning” at PIMS Hyderabad;
- Pedagogy at KVG Dental College, Sullia;
- “Faculty development for professionalism” at pre-conference workshop, NCHPE, 2016; and
- Academic scholarship at national conference in health professions education at national conference for health professions educators, Gujarat, 2016.

i) MCPD conducted an advanced Medical Education Program for the faculty members of Regional MCI Centre, Swami Rama Himalayan University, Dehradun.

j) Dr Sudhakar Nayak conducted Medical Humanities workshop at University of West Indies, Trinidad and Tobago. He also interacted with the department of Medical Education to develop the curriculum in Medical Humanities.

k) MCPD conducted a faculty empowerment program for the members of Indian Society of Prosthodontics at King George’s Medical University, Lucknow in Aug 2016.

l) The centre also regularly conducted the FDPs at Manipal Group of Institutions at Jaipur, Sikkim, Nepal, Malaysia and Bangalore.

Details of guest visit (lectures, collaboration, visitors on campus):

Guest lectures:

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
1	Dr John Gilbert	University of British Columbia, Canada	Canadian Inter Professional Health Collaborative	To conduct MUFILPE Residential sessions (Adjunct Faculty)	1-11 May 2016
2	Dr William Burdick	Drexel University, USA	FAIMER Philadelphia	To conduct MUFILPE Residential sessions (Adjunct Faculty)	1-11 May 2016
3	Prof James Portwood	Temple University, USA	FAIMER Philadelphia	To conduct MUFILPE Residential sessions	1-11 May 2016
4	Prof Janet Grant	CenMEDIC, UK	FAIMER Philadelphia	Resource Person for “Synergy” (Adjunct Faculty)	13 and 14 Jun 2016
5	Ralf Graves		FAIMER Philadelphia	Resource Person for “Synergy”	13 and 14 Jun 2016
6	Dr Himanshu Pandya	Pramukhswami Medical College, Gujarath	MCI Regional Centre for Faculty Development	Resource Person for “Synergy” (Faculty, MUFILPE)	13 and 14 Jun 2016
7	Dr Melissa Fischer	University of Massachusetts Medical School, USA		Resource Person for “Framework for Action in Interprofessional Education and Practice”	30 Nov 2016
8	Dr Tejinder Singh	Christian Medical College, Ludhiana	FAIMER Regional Centre	To conduct MUFILPE Residential sessions	3 and 4 May 2016
9	Dr Avinash Supe	KEM Hospital, Mumbai	FAIMER Regional Centre	To conduct MUFILPE Residential sessions (Faculty, MUFILPE)	9 May 2016
10	Dr Anja Krumeich	University of Maastricht, Netherlands		Resource Person for “Blended Learning in PBL”	23 Sep 2016

Details of Publications:

- 1) Evaluation of a personal and professional development module in an undergraduate medical curriculum in India. Korean J Med Educ 28(1):117-121, 2016.
- 2) Standard setting of objective structured practical examination by modified Angoff method: A pilot study. The National Medical Journal of India 29; 160-162, 2016.
- 3) Heutagogic approach to developing capable learners. Medical Teacher 39; 295-299, 2017 <http://dx.doi.org/10.1080/0142159X.2017.1270433>

Conferences attended by institution faculty members and students:

Dr K Ramnarayan and Dr Sudhakar Nayak participated and delivered lecture at the “Optimizing Medical Graduates’ Competency Assessment”, a national conference conducted by the Dr Pinnamanenu Siddhartha Institute of Medical Sciences and Research Foundation, Vijayawada on 10 Dec 2016.

Books/chapters authored by faculty members:

The centre prepared a workshop book “Letters to the Teachers” which is based on the teachings of J Krishnamurthi. This book was edited by Dr Sudhakar Nayak.





IV

Research Activities



Poster Presentations by Phd Candidates at the Manipal University Research Colloquium

The PhD students' poster presentations were held as part of the research colloquium on 5 Apr 2016. Professor Satyajit Mayor, Director, National Centre for Biological Sciences, was the Chief Guest for the research colloquium. One hundred thirty four students presented their posters. Nine

eminent speakers from Manipal University affiliated research centres delivered lectures at the colloquium. The posters were grouped in various streams and the best posters were awarded cash prizes on Founders Day, 30 Apr 2016.

Cash awards

Health Sciences:

1. Basic Sciences – Mr Abhishek Kumar, CDFD, Hyderabad, Mr Shinde Swapnil Rohildas Anupama, CDFD, Hyderabad
2. Translational – Mr Raju Kumar, CDFD, Hyderabad
3. Applied Science – Mr Suran R Nambiasan, IBAB, Bangalore
4. Humanities and Social Science - Mr Stephen Rajan Samuel, SOAHS, Manipal
5. Others - Mr Manish Kumar, IOB, Bangalore

Technical and Management:

1. Technical – 1 Engineering - Mr Sanoop, Research Scholar, Dept of I and CT, MIT, Manipal
2. Technical – 2 Engineering - Mr Sachidananda H K, Research Scholar, Dept of Mechatronics, MIT, Manipal
3. Science - Mr Manjunathan P, Research Scholar, PPISR, Bengaluru
4. Management, Social Science and Humanities - Ms Soundarya Iyer, Research Scholar, NIAS, Bengaluru

Certificate of appreciation

Health Sciences:

1. Basic Sciences - Mr Amit Mahendra Karole, CDFD, Hyderabad
2. Applied Science - Ms Mugdha Singh, CDFD, Hyderabad

Technical and Management:

1. Science - Ms Akshatha, Research Scholar Dept of Physics, MIT, Manipal
2. Technical 1- Engineering - Mr Muralikrishna S N, Research Scholar, Dept of Computer Application, MU, Manipal
3. Technical - 1 Engineering - Mr Anjan Gudugar, Research Scholar, Dept of I and CE, MIT, Manipal
4. Technical – 2 Engineering - Mr Ravishanker Baliga B, Research Scholar, Dept of Aero and Auto Engg, MIT, Manipal
5. Management, Social Science and Humanities - Mr Vikram Aditya M, Research Scholar, ATREE, Bengaluru

Manipal University Research Unit

Research grants received during the period from Apr 2016 to Mar 2017

Sl no	Institution	Amount (in lacs)
1	Kasturba Medical College, Manipal	632.28
2	Kasturba Medical College, Mangalore	146.57
3	KMC Hospital, Attavar, Mangalore	13.62
4	Manipal College of Dental Sciences, Manipal	17.01
5	Manipal College of Dental Sciences, Mangalore	42.64
6	Manipal Institute of Technology, Manipal	255.75
7	Faculty of Architecture, Manipal	2.95
8	Manipal College of Pharmaceutical Sciences, Manipal	144.16
9	Manipal College of Nursing, Manipal	56.52

Sl no	Institution	Amount (in lacs)
10	School of Life Sciences, Manipal	286.99
11	School of Allied Health Sciences, Manipal	160.88
12	School of Regenerative Medicine, Bangalore	78.78
13	School of Information Sciences, Manipal	17.99
14	School of Management, Manipal	16.73
15	Melaka Manipal Medical College, Manipal	36.89
16	School of Communication, Manipal	3.78
17	International Centre for Applied Sciences, Manipal	1.11
18	Welcomgroup Graduate School of Hotel Administration, Manipal	2.02

Manipal University - Departments

19	Department of Geopolitics and International Relations	4.89
20	Manipal Centre for Virus Research	3,571.15
21	Department of Atomic and Molecular Physics	108.94
22	Manipal Centre for Natural Sciences	20.84
23	Department of Commerce	3.85
24	Manipal Centre for Philosophy and Humanities	4.13
25	Department of Statistics	52.85
26	Department of Public Health	127.01
27	Department of European Studies	221.23
28	University Teaching and Research Departments	24.28
29	Manipal Advanced Research Group (MARG)	15.96
30	Centre for Integrative Medicine and Research (Ayurveda)	3.01
31	Student Affairs	0.45
32	Centre for Community Oncology	6.49
Total		6,081.77

University Industry Partnership

MR Neurography PhD Program

Dr Rajagopal K V (PI) (Head, Dept of Radiology)
 Dr Indrajit Saha (Co-Investigator) (Clinical MR Scientist, Philips, Gurgaon)
 Dr Yogesh Yogesh Kannan Mariappan, (Co-Investigator) Senior Technical Specialist, MR PIC; Prashant Nair, PhD Student KMC Manipal - Philips

- ✓ Paper - "Magnetic resonance Neurography (MRN) of brachial plexus at 1.5 T: Comparative evaluation of 3D SHINKEI versus DWIBS, our initial experience selected for ISMRM- 2015"
- ✓ Paper – "Towards Quantitation of Nerve Trauma Using SHINKEI Based MR Neurography of Brachial Plexus at 1.5T ISMRM- 2016"
- ✓ Article on " An Insight into the Fat Suppression Techniques in MRI along with a brief tutorial for beginners"
- ✓ Algorithm that actually grades the peripheral nerve injury (this uses only two attributes).
- ✓ IP Development - Novelty for the Refocusing Flip angle sweep scheme in the SHINKEI acquisition



Duration : 3 years (2015-2017)

PHILIPS

FeMaCare PhD Program

Guide: Dr Parvati V Bhat (MD DGO, DNB) , Obstetrics and Gynaecology, TMA Pai Hospital
 Co- Guide: Dr Shruti, Philips Philips Research India. IP Support : Dr Rajesh Nair, Philips IP and S India co- guide: Prof Harishchandra Hebbar Director SOIS Manipal; Santosh N Vasist, Research Scholar MU

Title : Development Of a Predictive Labour Progress Model for Low Resource Setting

Research gaps

- Personalized labour progress monitoring methods are missing
- Predictive labour progress models are lacking
- Gap in understanding the contractility patterns of uterine muscles

Methodology



Duration : 3 years (2016-2018)

PHILIPS

Clinical Research and Validation Studies

Feasibility study of 3D ultrasound visualization of anatomical structures and applicator in brachytherapy for cervical cancer treatment
 – Pallavi Vajinepalli (PIC-Research) PI – Dr Vidyasagar (KMC–Oncology) Dr Rajgopal (KMC-Radiology) Sep 2016 – Apr 2017

- To assess the feasibility of visualizing applicator, tumor and relevant organs (uterus, cervix, parametrium, bladder and rectum, sigmoid, etc.) in patients with cervical cancer with intracavitary HDR brachytherapy in 3D ultrasound images using a trans-abdominal probe.
- To compare the 3D US images acquired by Radiologist with clinical examination provided by the Radiation Oncologist.
- To develop algorithms from the acquired data for volumetric analysis and further evaluation of the developed algorithms through a validation study

Efficacy ECG100 Hub and Spoke Project: KMC, Manipal

- Dr Shankara Reddy, Jagadeesh, Ankur (Philips) PI- Dr Ranjan Shetty Sep 2015 – Mar 2016
Purpose: KMC, Manipal and Philips will partner to link clinics/nursing homes with a team of specialists at KMC for remote reading of ECGs. This tele-cardiology setup will allow the clinics/nursing homes access to better care and be a funnel for potential cardiac patients for KMC. The intention is early screening of cardiac conditions to improve patient outcomes.

4 CRB India **PHILIPS**

Philips #Hackabout 2016 –Sept 02-12 at MIT Manipal



Winning team: Shikhar Srivastava and Reuben John of MIT and Sidharth R and Siddharth Pratap Nene of KMC I Prize: Rs 1,00,000
 Abhishek Karan, Elvis Louis D'Souza, Shreyas Hebbur, Malvika Sandhu and Raghav Chawla II Prize: Rs 75,000

Successful completion of Philips Hackabout 2016

There were 190 students, 49 registered teams, 32 teams at the end, and the competition was fierce.

A total of 16 proposals are shortlisted for further processing towards publications, patents and projects.

PHILIPS

Clinical Research and Validation Studies

NPI - Garuda ECS – Chandan Misra (BIU-US) PI - Dr Rajgopal (KMC-Radiology) – Dr Parvathi Bhat (KMC-OBG)

Purpose: To evaluate the image quality and workflow expectation for the NPI (ClearVue Derivatives) Ultrasound in a hospital environment as compared to the similar examination performed on commercially available systems at the clinical site. (April 2014-Sept 2016)

Cathlab IX Central Project – Scott Reid (BU- PCMS-CCS) PI - Dr Ashwal (KMC-Cardiology), Mr Umesh Pai (KMC- Cardiology)

Purpose: User preference testing of the central in combination with the monitors. This will include use of the central station and completion of surveys about the central station use (Jul–Nov 2016)

5 CRB India **PHILIPS**

Data Analytics Session of KMC Research Team – 13 May 2016

- 1 Early Prediction of occurrence of artherosclerosis in coronary arteries in Indian population
- 2 Data Analytics for subcutaneous mycoses – mycetoma
- 3 Bioinformatics analyses and pipelines for better analyses of whole genome sequencing data to better define the underlying genetic players and molecular players responsible for genetic disorders. This is vital to be able to identify candidate genes for therapeutics.
- 4 To develop - criteria for a particular infectious disease (e.g. typhus) and validate in further
- 5 Head and Neck Cancer staging and management for patient monitoring
- 6 Hb1Ac Trend
- 7 Generate Cut-off Blood glucose level for Indian population
- 8 Compliance with treatment, relapse and response to treatment in IBD
- 9 Early detection of ventilator associated events



PHILIPS

Hackabout 2016

Mission: The goal of the competition is to design and prototype a solution that enables to solve the identified problem using the data provided by Kasturba Medical College (KMC) Manipal to enable better-informed clinical decisions, more personalized care and improve/benefit healthcare services in India ("solutions").

Received 49 proposals , following proposals considered for publications

- Predict length of stay of patients admitted for acute myocardial infarction and factors that determine it
- Analysis of Congestive Heart Failure re-admission rate
- Role of metabolic obesity and BMI in patients with Coronary Artery Disease (CAD)
- "Assessment of factors associated with major adverse cardiac events (MACE) after coronary angioplasty"
- IP and S team evaluated and shortlisted Team 19 proposal for ID development

PHILIPS



PHILIPS

Other engagements

Summit on Technology Advancement and Challenges in Musculoskeletal Imaging – 21 Feb 2016



- Stroke Rehab: Efficacy SR80
- Feedback sessions with Manipal Physio on a stroke rehab product



PHILIPS

Manipal Advanced Research Group (MARG)

Third Floor, Manipal Edu Building, Phone Number: 0820 2922800, Email: marg@manipal.edu

Convener: Dr M Gupta

Chairperson: Dr H S Ballal

Vice Chair: Prof M D Nalapat

Executive Director: Dr H Vinod Bhat

Established: 2006

About department:

MARG was established in 2006 to initiate and incubate fundamental research in the physical sciences. Among other initiatives, the Manipal Centre for Natural Sciences was launched under MARG in 2012 until it became a Centre of Excellence under Manipal University.

Grant received during the year:

Received the sum of 2,500 euros in Dec 2016 through a grant of 5,000 euros sanctioned in late 2015 to Ms Dhanasree Jayaram, Project Associate. The grant was provided by Adelphi research gemeinnützige GmbH, Caspar-Thyß-Straße 14a, 14193 Berlin for the project entitled "Climate Diplomacy 2015-2016."

Current activities:

The website STSfor (<http://stsfor.org/>) is maintained and regularly updated. Project engineer Mr Abhinav Sarvari was appointed in Jun 2016 under the STSfor project. Dr Monish Tourangbam and Dr Nanda Kishore have been appointed visiting faculty members to MARG and serve as editors on the website. A themed event on "Climate Diplomacy" was conducted at Manipal through grant funding received by Ms Jayaram. Several prominent personalities gave invited talks at this event.

1) Event conducted during the year: A thematic seminar series on "Environmental Security"

4 Nov 2016: Video-conference with Shri Suresh Prabhu and keynote address by Prof M D Nalapat, Vice Chair MARG.

11 Nov 2016: Panel on "Impact of Climate and Environmental Change on Human Health: Implications for India" with Dr Joy Elamon, CEO and Head (Climate Change and Environment Domain), Inter-cooperation,

Secunderabad – Climate Change and Health: Mitigation, Adaptation and Co-benefits; Dr Suma Nair, Associate Professor, Department of Community Medicine, Manipal University – Environmental Change and Non-Communicable Diseases; Dr G Arun Kumar, Professor and Head of Department, Department of Virus Research, Manipal University – Environmental Change and Infectious Diseases

14 Nov 2016: Panel on "Role of Science and Technology in Addressing Environmental Security-Related Challenges in India" with Dr A R Shivakumar, Senior Fellow, Karnataka State Council for Science and Technology, Bengaluru – Rainwater Harvesting and Groundwater Recharge; Dr N Balu, Independent Expert, Bengaluru – Solar Energy in India – Present and Future; Dr Veena Srinivasan, Fellow, Ashoka Trust for Research in Ecology and the Environment, Bengaluru – Role of S and T in Resolving Water Security Challenges in South Asia; Mr Sachin Satharajan, Project Coordinator, United Nations University Regional Centre of Expertise (UNU RCE), Trivandrum – Role of Bioprospecting in Protecting Biodiversity

15 Nov 2016: Panel on "India's Perspectives on Environmental Security, Diplomacy and Governance" with Dr Sujatha Byravan, Principal Research Scientist, Centre for Study of Science, Technology and Policy – The Need for Advanced Preparation in Tackling Climate Change Impacts in South Asia; Colonel P K Gautam (Retd), Research Fellow, Institute for Defence Studies and Analyses – Military Diplomacy through Environmental and Ecological Themes; Dr Vikrom Mathur, Fellow, Observer Research Foundation – Building Trust in a Polycentric Climate Regime; Ms Dhanasree Jayaram, Project Associate, Manipal Advanced Research Group, Manipal University – Environmental Security Narratives: Indian Perspectives on "Conflict versus Cooperation."

- 1) Adjunct Faculty: Mr Bhaskar Roy
- 2) Project Associate: Ms Dhanasree Jayaram
- 3) Project Engineer: Mr Abhinav Sarvari

Manipal Centre for Clinical Research (MCCR)

Mezzanine Floor of Old KMC Library Building, Near Old KMC Dean Office,
Kasturba Hospital, Manipal – 576 104, Phone Number: 9449208478, Email - Director: kl.bairy@manipal.edu

Name of Director: Dr K Laxminarayana Bairy

Established: 2010

Programs:





- ICH-GCP training for all doctors in the year 2012

About the department:

MCCR is the threshold for the globally conducted clinical trials at Manipal and it envisages the conduct of trials as per GCP and generates credible and ethical good quality data for the further submissions to the sponsors and the institution is backed up by qualified and deft team. The team

has got the responsibility of assisting and coordinating with the concerned doctors who are the principal investigator or co-investigators for the study, helping them in recruiting the patients for the study by pre-screening on their OPD days and from their database.

Dr TMA Pai Endowment Chair Awardees

Sl no	Name of Dr TMA Pai Endowment Chair	Name of the awardee	
1	Medical Education		Dr Vinay Kumar MBBS, MD, FRCPath Donald N Pritzker Professor Chairman, Department of Pathology, Biologic Sciences Division and The Pritzker Medical School University of Chicago, USA
2	Biophotonics		Dr Santhosh C MSc Physics, PhD Physics Professor and Head Department of Atomic and Molecular Physics (DAMP), Manipal
3	Islet Engineering and Banking		Prof Ramesh Bhonde Professor and Dean, School of Regenerative Medicine Bangalore
4	Earth Sciences		Dr K Balakrishna Associate Professor – Senior Scale Department of Civil Engineering Manipal Institute of Technology Manipal

Sl no	Name of Dr TMA Pai Endowment Chair	Name of the awardee	
5	Bioethics		Nandini K Kumar Adjunct Professor Kasturba Medical College Manipal, Karnataka
6	Translational Epidemiology and Implementation Research		Dr Madhukar Pai, MD, PhD Director, McGill Global Health Programs Associate Professor, McGill University Associate Director, McGill International TB Centre Dept of Epidemiology and Biostatistics 1020 Pine Ave West, Montreal (Quebec), Canada QC H3A 1A2
7	Clean Energy		Dr Ashok Rao Professor Department of Physics Manipal Institute of Technology Manipal
8	Emerging Tropical Bacterial Diseases		Dr Chiranjay Mukhopadhyay Professor Department of Microbiology Kasturba Medical College Manipal
9	Indian Literature		Dr Janaki Srinivasa Murthy (Vaidehi) Centre for Philosophy and Humanities Manipal
10	Pharmacogenomics		Dr Padmalatha Rai Professor Dept of Biotechnology School of Life Sciences Manipal
11	Sustainable Built Environment		Mr Pradeep Kini Faculty of Architecture Manipal Institute of Technology Manipal

Sl no	Name of Dr TMA Pai Endowment Chair	Name of the awardee	
12	Medical Devices		Dr Venkatesan Professor Department of Biomedical Engg. Manipal Institute of Technology Manipal
13	Tuberculosis–step towards elimination		Dr Kiran Chawla Professor and Head Microbiology department Kasturba Medical College Manipal
14	Inter professional education and practice		Dr John H V Gilbert Professor Emeritus, University of British Columbia Canada
15	Tribology		Dr Raghuvir Pai Professor Dept of Mechanical and Manufacturing Engg MIT, Manipal
16	Qualitative Research		Dr Ajay Bailey Assistant Professor Population Research Centre University of Groninger The Netherlands
17	Antimicrobial Stewardship		Dr Vandana K E Professor Department of Microbiology Kasturba Medical College Manipal
18	Congenital Hand Differences		Dr Anil Bhat Professor and Head Department of Orthopaedics Kasturba Medical College Manipal

V

Fulfilling Social Responsibilities



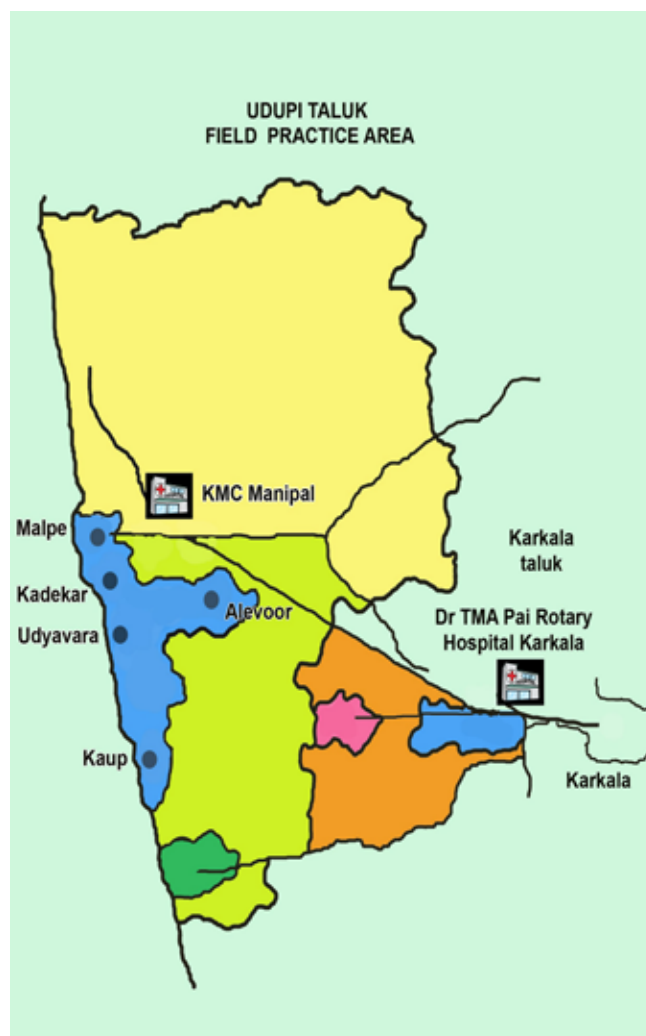
Rural Maternity and Child Welfare Home

These centres were established by Late Dr TMA Pai, the founder of Kasturba Medical College Manipal, one of the constituent colleges of Manipal University, with active participation of the local community, at a time when the transport and communication network in the Taluk was rudimentary.

The area covers a population of 40,000, spread out in 14 villages in the coastal area of Udupi Taluk. A network of five Rural Maternity and Child Welfare Homes (RMCW homes) located at Alevoor, Kaup, Malpe, Udyavara and Kadekar villages, provide maternal and child health services as well as takes care of minor ailments in the community. The Malpe centre has initiated a Community Cancer Screening Clinic in the year 2012. Besides Malpe, all the other centres provide screening facility for non-communicable disease. The centre also carries out interdisciplinary activities with the department of Physiotherapy, Psychiatry and college of Dentistry. These centres are under the direct administrative control of the Department of Community Medicine in Kasturba Medical College, Manipal.

Each centre is staffed with two Auxiliary Nurse Midwives (ANM), one ayah and a sanitary worker.

The FPA population is covered under an insurance scheme provided by the Manipal University wherein every family is assured treatment for all ailments at concessional rates at Manipal up to a ceiling of Rs 50,000 per year for the family.



Performance in the field Practice area:

Rates	CBR	CDR	IMR	ANC coverage (%)	Institutional deliveries (%)	Immunisation coverage (%)
Project area	11.5/1000 population	6.6/1000 population	2.2/1000 Live Births	100	100	100
Karnataka	18.3/1000 population	7/1000 population	28/1000 live births	70.3	94.3	62.6

Total Population	39955
Inpatients	NA
Deliveries	NA
Normal deliveries	NA
Referred to Kasturba Hospital	109
IUCD	10

Dr TMA Pai Rotary Hospital, Karkala

(Rural Health Training Centre, Department of Community Medicine, KMC, Manipal)
Associate Hospital of the Manipal University - Manipal

Dr TMA Pai Rotary Hospital, an 80-bedded hospital, has been providing quality health care to the people at Karkala taluk. Karkala is one of the three taluk of Udupi district in coastal Karnataka and has a population of about 3,00,000 spread over the town and the surrounding villages numbering around 75.

In view of the demand and need of the people, especially from rural areas, for affordable and quality medical care, Rotary Club of Karkala and Manipal Group took the initiative to set up a Health care facility at Karkala. In 1985, Kasturba Hospital, Manipal, in association with Rotary Club started weekly outreach camps at Karkala. The overwhelming response to camps led to the formation of a Mother and Child Health Hospital in this town in 1987 with 10 beds. The hospital was expanded in several phases over the years. In 2003 Ophthalmology unit was started in association with Rotary club, which received a Rotary foundation grant and generous contributions from Philanthropists. People belonging to almost all the villages of the Taluk utilize the services of the hospital. At present the hospital provides much needed health care in Obstetrics, Gynaecology, Paediatrics, General Medicine and Ophthalmology. This project is a classic model of how private organizations like Manipal University and NGOs

like a Rotary Club and the community itself can come together to provide quality health care to the needy people at an affordable cost.

Currently the hospital provides 24-hour patient service in Obstetrics and Gynaecology, Paediatrics, General Medicine and Ophthalmology. This includes facilities like fully equipped operation theatres and Labour rooms, Basic Neonatal Intensive Care unit, contact lens clinic, 3D Ultrasound, Laboratory, X ray, ECG, etc. The hospital provides weekly OPD services in Psychiatry, Clinical Psychology, Speech and Hearing, Occupational Therapy, ENT and Dermatology. A community cardiology centre is being established in association with Rotary Club to take up non-invasive cardiac screening using Echocardiography, ECG, TMT and Holter monitor. The digitalization of patient billing and X-ray and upgradation of laboratory services has been completed. The hospital gets about 45,000 out patients and 3,500 in-patients annually. The hospital is certified with ISO 9001:14001. The hospital is attached to Community Medicine Department, KMC Manipal as Rural Health Training Centre, and imparts training to medical under-graduate students, interns and post-graduate students.

Manipal Arogya Suraksha

The enhancement of limit from Rs 30,000 to Rs 50,000, a part of our Chancellor's birthday treat, has come in as a big boon to the members, and this move has brought in cheers to many needy patients undergoing critical and terminal illness.

The total membership base for the year 2016 stood at 1,18,913 families comprising of 4,20,831 lives. A significant increase indeed, in spite of going slow on the enrolments to ensure that large numbers do not choke the

hospitals in extending the required medical facilities to the members of Manipal Arogya Suraksha.

During the year, 13,252 number of members availed in-patient services. The total benefits extended for these many IPs' is close to Rs 22.21 Cr. In addition to this about Rs 3.50 Cr of OP facilities were also provided to the members of Manipal Arogya Suraksha.

MU is actively perusing other scheme in the interest of the general public at large as its CSR measure and the same shall be rolled out in the near future.

Volunteer Services Organisation

Yuva Varsham – 2016

A team of 12 VSO volunteers participated in International Youth Summit “Yuva Varsham” organized by Kerala State Youth Welfare Board (KSYWB) and Rajiv Gandhi National Institute of Youth Development (RGNIYD) from 27–29 Jan 2016 at Thiruvananthapuram, Kerala. The summit was a three-day long program with interactive and informative sessions on the condition of youth in various parts of the world and the challenges faced in youth development as well as the needs, concerns and priorities of the current youth. VSO volunteers spoke about the policies and youth development initiatives taken by their respective home country like Kuwait, West Indies, Jamaica, UAE and various states in India.



Yuva Varsham at Kerala

Tarang 2016 - A kite flying festival

Tarang, an annual kite flying festival was organized by VSO, Manipal University, for the fourth consecutive year at End point, Manipal on 7 Feb 2016. The event saw enthusiastic children from orphanages, special home and slums flying kites and enjoying themselves. A sum of rupees one lakh raised through this event was donated to Neonatal Poor Patient Fund of Kasturba Hospital, Manipal.



Tarang Kite festival

Yuva Varsham at Kerala SPARSH 2016 - a cultural extravaganza

SPARSH 2016, the fifth edition of VSO’s cultural extravaganza was organised on 2 Apr 2016 at Fortune Inn Valley View, Manipal to support future rural development

projects of VSO. In presence of more than 2000 audiences from Manipal and Mangalore, Dr H Vinod Bhat, Vice Chancellor, Manipal University inaugurated the event. The show kicked off with performances by children of Sri Krishna Balaniketan, Udupi. The crowd witnessed a prodigy between them in Mr Raghavendra who left the crowd spell bound by his brilliant sand art. Mr Sudhir, India’s first flute beat boxer took the crowd on their toes with his stunning performance. This was followed by the crowd grooving and spinning with the dance performance by students from various colleges of Manipal University. An amount of around rupees four-lacs raised through this event was contributed to VSO corpus fund for rural development projects.



Sparsh cultural event

Daan Utsav - National Volunteer Meet

A group of about 50 volunteers met in Mumbai from the 20–22 May 2016 for the National Meet to discuss and plan for the upcoming festival during October. Implementation of ideas at different verticals (Corporates, NGOs, Apartments, Schools and Colleges, etc.) was explored. Volunteers ranged from doctors, social workers and HR managers to students from universities. Industry experts from media and marketing were also amongst the speakers who shared valuable inputs regarding the usage of social media platforms effectively for promotion of Daan Utsav. Shreyas Pai and Varun Keri, VSO student ambassadors represented Manipal University in the National Volunteer Meet.



Daan Utsav

Daan Utsav at Manipal

VSO, Manipal University, organized Daan Utsav from 2–8 Oct for the fourth consecutive year. Around 53 projects were held to spread smiles by touching the life of others. The constituent colleges of Manipal University hosted various projects. The projects range from collection of clothes to adoption of government schools. VSO has also collaborated with various other clubs of Manipal University for the projects like study abroad program, Department of Geopolitics – Namaste India, Sports Council – Sports for Special Children and Saluting Men of Glory, The Rural India Project – Letters of Love, The Photography Club – Yaadein, MIT Cycling Club – Tour De Manipal, National Cadet Corps (NCC) – Clean Manipal Campaign, RedX – Seva Sandwich and Rotaract Club – Cloth Collection. VSO also operated a “Daan Rath” to propagate the idea of giving during the week. Dr H Vinod Bhat, Vice Chancellor, inaugurated the rath. Dr HS Ballal, Pro Chancellor, launched Daan Utsav at Manipal University by flagging off Tour De Manipal of Manipal Institute of Technology. The MIT students and faculty aims to connect Manipal group campuses through cycling. NCC cadets participated in the “Swachh Bharat Abhiyan.” RedX and Rotaract Club of Manipal University organised a mass blood donation camp in which about 250 people donated blood. “Aarogyarpan” was an event by the students from Manipal College of Nursing. They visited a slum in Indrali area and donated sanitary kits along with ration to families. The families were also given basic education on hygiene and sanitation. The Ecological Conservation and Habitat Restoration Organisation (ECHO Manipal) conducted a plantation drive by planting 15 saplings on MIT campus to spread awareness on the importance of greenery.



Daanrath as part of awareness and donation collection Launched by VC



Celebrating Daanutsav



3D art of DaanUtsav for awareness



Gyaan Daan teaching financial aspects to kids at vocational training centre



Happy Dots



Water bottles to Drivers *Swaccha Bharat*



Splash & Dash voluntary fund raising car wash



Felicitation to people who served army

Date	College	Project	Overview	Venue
2 Oct	MIT	Splash and Dash	Fundraiser car wash	MIT and KMC Campus
2 Oct	MCON	Aarogyarpan	Ration and sanitary kit distribution in slum	Indrali Slum Area Near Railway station
2 Oct	FOA	Special Day	Footwear donation to special children	Asare Home, KMC Quarters
2 Oct	SOIS and ICAS	Meal for a smile	Distribution of lunch to daily wage workers	KMC Greens
2 Oct	National Cadet Corps (NCC)	Clean Manipal Campaign	In accordance with Swacch Bharat Divas	Manipal
3 Oct	SOAHS	Aarogya Daan	Fitness Camp	Parkala High School
3 Oct	VSO-Manipal	Rangat – Cultural Evenings	Goonj-Musical night	TMA Pai Hall – 2, KMC
4 Oct	SOAHS	Aarogya Daan	Fitness Camp	School Near Udupi Bus Stand
4 Oct	SLS	Mask it Up	Providing masks to traffic police to prevent air pollution	SLS

Date	College	Project	Overview	Venue
4 Oct	Sports Council, MU	Sports for Special Children	Sports day for special children	Udupi-SantheKatte, Katpadi
4 Oct	VSO - Manipal	Rangat - Cultural Evenings	Vyanjan- poetry slam and stand- up comedy	TMA Pai Hall – 2, KMC
5 Oct	DOC	Gyaan Daan	Teaching students of Namma Bhumi, Kundapur	Kundapur
5 Oct	SOAHS	Rakta Daan	Blood Donation Drive	KMC Blood Bank
5 Oct	Sports Council, MU	Saluting Men of Glory	Thanking Army personnel for their contribution to Nation	Manipal University
5 Oct	Department of Forensic Medicine, KMC, Manipal	Joy of giving to Police	Presenting quotes of thanks to Police from public	SP Office, Udupi
5 Oct	Department of Forensic Medicine, KMC, Manipal	Night Out	Having surprise tea party with night security guards	Manipal Campus
5 Oct	VSO-Manipal	Rangat – Cultural Evenings	Movie time – screening of movie	TMA Pai Hall – 2, KMC
6 Oct	KMC	Naari suraksha	Self Defence Workshop	TMA Pai Hall – 1, KMC
6 Oct	MCODS	Brush the Milky Way	Oral hygiene practices among government school children of Karkala taluk.	Karkala
6 Oct	MMMC	The healthy School Project	Adoption of a government school	Rajivnagar, Manipal
6 Oct	SOC	Lend a hand	Collection of old newspapers to distribute new stationery to needy children.	Udupi Slums
6 Oct	VSO-Manipal	Rangat – Cultural Evenings	Yaadein – an ode to old melodies	TMA Pai Hall – 2, KMC
7 Oct	KMC	Naari suraksha	Self Defence Workshop	TMA Pai Hall – 1, KMC
7 Oct	WGSHA	Annadan	Providing Food for underprivileged	Udupi Slums
7 Oct	MMMC	Chai Pe Charcha	Housekeeping staffs to have surprise tea with Dean and HOI	MMMC
7 Oct	Study Abroad Program, Department of Geopolitics	Namaste India	Joy of Giving by International Students	Manipal
7 Oct	VSO-Manipal	Clean Manipal Campaign	Gifting Clean water bottles to drivers	Transport Department, MU
7 Oct	VSO-Manipal	Rangat – Cultural Evenings	Bhavtarang – dance and dramatics	TMA Pai Hall – 2, KMC
8 Oct	MCOPS	We Care	Joy of giving for the orphanage kids	MCOPS
8 Oct	MIT Cycling Club	Tour De Manipal - 2	Twelve cyclists to travel from Manipal Campus to Bangalore Campus to spread ideology of Daan Utsav	MIT

Date	College	Project	Overview	Venue
11 Oct	SOM	Thanks Giving	Thanking services of public servants	SOM
1-2 Oct	MIT Cycling Club	Tour De Manipal – 1	Fifteen cyclists to travel from Manipal Campus to Mangalore Campus to spread ideology of Daan Utsav, Antipollution and Fitness Awareness	MIT
2-8 Oct	VSO-Manipal	3D Painting of DaanUtsav logo	Awareness drive	Interact, KMC
2-8 Oct	VSO-Manipal	Wishtree	Awareness drive	KMC Food Court
2-8 Oct	VSO-Manipal	Daan Rath	Awareness drive	Manipal Campus
2-4 Oct	DOC	The Photo Booth	Photo Booth	DOC
2-8 Oct	The Photography Club	Yaadein	Clicking Pictures of underprivileged and giving them hard copy	Udupi Slums
2-8 Oct	Rotaract Club of Manipal University	Cloth Collection	Collection of Clothes and distribution	Udupi Slums
3-8 Oct	The Rural India Project	Letters of Love	Letters of love to Refugees	TMA Pai Hall – 2, KMC

Weekly Projects

VSO also organized its regular weekend projects like Aarambh – visits to Sri Krishna Balaniketan, Jyothi – visit to Asare, home for special children, Sanjeevani – visits to Paediatric wards of Kasturba Hospital, Muskaan – Slum visits, Blood donation camp on Sundays and Clean Manipal Campaign. In addition to these two new projects like visit to Asha – Old age homes and Gardeners Clinic were added. Also, two sessions (10 hour each) of spoken kannada classes were also conducted. From Jan 2016 onwards, the following regular projects has been scheduled.

Sl no	Project Name	Number of Visits
1	Sanjeevani – visit to Paediatric Ward	34
2	Jyothi – visit to Asare	28
3	Aarambh – visit to Balaniketan	06
4	Muskaan – visit to Slum	19
5	Clean Manipal Campaign	26
6	Asha – visit to Old age homes	13
7	Gardeners Clinic	04



Oldage home visit



Sports with Special children

VSO - Mangalore Campus

VSO, MU, Mangalore Campus celebrated Daan Utsav – The Joy of Giving Week, in the beginning of Oct 2016. We started out by welcoming the Tour de Manipal group – 12 cyclists riding all the way from Manipal to Mangalore, led by Mr Shameem Shaikh, on 2 Oct 2016.



On the same afternoon, Dr MV Prabhu, Dean of KMC Mangalore inaugurated the “Gyaan Daan Saptaha” – an initiative of the Forensic Medicine Department to bring awareness about legal issues to the school-going children. Children of various ages were given a tour, throughout the week, around the commendable Forensic Museum and taught about the different aspects of forensic medicine and even toxicology.



The “Rice Bucket Challenge” began the next morning, 3 Oct 2016. Chef on Wheels, caterers of the mess services of KMC Hostels, set aside a register, giving the students a chance to donate as minimal an amount of Rs 5, which was later, charged from their mess bill. The total amount collected at the end of week would be used to buy rice for families and to donate orphanages. We are immensely delighted to announce that this was a grand success. We were able to collect enough funds to buy more than 1000 kilograms of rice!



Another weeklong project, the “Act of Kindness Challenge”, started the same day. Students were encouraged to do a random act of kindness of their choice followed by posting a selfie on social media with the Happy Dot. Along with the post, they were instructed to challenge another friend to an act of his/her liking. This created a chain reaction; students had their fun on social media and somebody else was benefitted from it at the same time. Something as small as feeding a cow to even as tremendous as blood donation performed various acts.



We ended the week by doing a project named “Care Kits Distribution” by donating a HUL Pureit Water Purifier along with packs of adult diapers and oral hygiene kits to the destitute wards in Government Wenlock Hospital in the presence of Dr H R Rajeshwari Devi, District medical officer and superintendent of Government Wenlock Hospital.

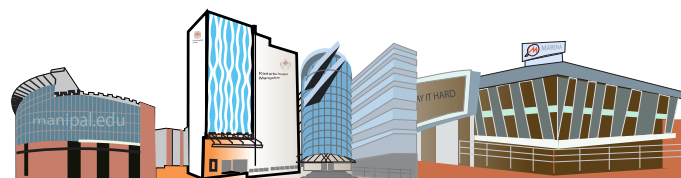
The same afternoon, we visited a local Government Higher Primary School in Kapikad, Bejai for the project namely “Step to Help” where we have spent time with the children and distributed footwear to all the 73 children studying there.



Daan Utsav was a great way to get the student body involved. It was tremendous watching people come up with ideas to do something for somebody. The greatest moment of gratification was realizing that people were participating with their own will, out of pure intention. Charity drives were not held, instead we encouraged the people to go donate it to someone themselves and truly experience the actual satisfaction and joy of giving.

VI

Significant Events



Independence Day



Republic Day



World Environment Day



Sharada Pooja

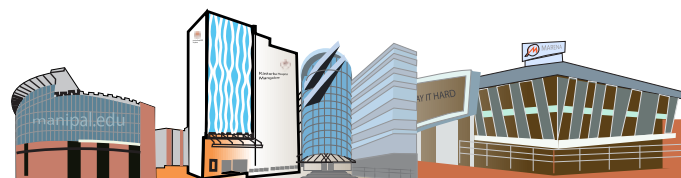


Founders Day Celebration



VII

Sports Activities



Sports Activities

Manipal University Sports Council Report form Jan to Dec 2016

It is our pleasure to place before you the University sports council report from January to December 2016. Sports council was very active in organizing in various sports

and games activities and participating in inter University competitions throughout the year 2016.

Inter University sports events:

Our students participated in various inter University sports competitions this year also and following are the participation details.

Events	Organized By	Date	Performance	Team Manager
Handball	Alagappa University (Karikudi) Tamil Nadu	4-8 Jan 2016	Lost in pre-quarter final	Mr Narayana Prabhu Assistant Director of Physical Education MIT, Manipal
Cricket	Saveetha University Chennai	20 Jan-2 Feb 2016	Performed well	Mr Narayana Prabhu Assistant Director of Physical Education MIT, Manipal
Table tennis	Vikram Simhapuri University, Nellore	27-30 Jan 2016	Performed well	Dr Upendra Nayak Deputy Director of Physical Education, KMC, Manipal
Badminton (M and W)	Maduraj Kamaraj University, Madhurai	3-7 Oct 2016	Men Team qualified for All India Inter Zonal Inter University Badminton Tournament	Mr Rajeev Director in charge of Physical Education, KMC Mangalore
Squash (M)	Sathyambama University, Chennai	10-14 Oct 2016	Performed well	Mr Shridhar H Director of Physical Education, SOAHS Manipal
Squash (W)	Sathyambama University, Chennai	10-14 Oct 2016	Performed well	Mrs Shanthi P Assistant Director of Physical Education, KMC Manipal
Chess (M)	Vel Tech University, Chennai	12-15 Oct 2016	5th Place	Dr Sathish Mallya, Director of Physical Education, MIT Manipal
Chess (W)	Vel Tech University, Chennai	12-15 Oct 2016	Performed well	Mr Narayan Prabhu Assistant Director of Physical Education, MIT Manipal
Cricket (W)	Sathyambama University, Chennai	10-15 Oct 2016	Lost in first round against Anna University by 30 runs	Mrs Shanthi P Assistant Director of Physical Education, KMC Manipal
Cross Country Race (M and W)	Rajiv Gandhi University at Alva's Engineering College, Moodbidri	28 Oct 2016	Performed well	Mr Narayan Prabhu Assistant Director of Physical Education, MIT Manipal

Inter college competitions:

University level inter-college competitions were organized and students from all our constituent colleges actively

participated in these events. Following are the students and staff result details.

Results of Manipal University inter collegiate tournaments from Jan to Dec 2016

Sl no	Events	Organised College	Date	Winner	Runner-up	Semi Final with winner	Semi Final with Runner-up
1	Basket Ball (men)	MIT, Manipal	13-16 Feb 2016	MIT "A", Manipal	KMC, Manipal	MIT "B", Manipal	MCOPS, Manipal
	Basket Ball (women)			KMC, Mangalore	SOAHS, Manipal	KMC, Manipal	FOA, Manipal
2	Squash (Men)	SOIS, Manipal	13 Feb 2016	MIT "A", Manipal	MIT "B", Manipal	DOC, Manipal	WGSHA, Manipal
	Squash (Women)			MIT "A", Manipal	MCODS, Manipal	MCOPS, Manipal	KMC, Mangalore
3	Badminton (Men)	SOAHS, Manipal	27-28 Feb 2016	MIT "A", Manipal	MMMC, Manipal	WGSHA, Manipal	MIT "B", Manipal
	Badminton (Women)			MIT "A", Manipal	MIT "B", Manipal	KMC, Manipal	SOAHS, Manipal
4	Cross Country (Men)	MMMC, Manipal	25-26 Feb 2016	Dakshesh Patani	Ishwara Ojha	Ravishankar	Mukul Raj
	Cross Country (Women)			Ganga Shinghal	Danica	Ankita Singh	Enakshi Rajvanshi
5	Athletics	MMMC, Manipal		Winner		Points	
	Team Championship: Men			MIT, Manipal		71 Points	
	Women			SOAHS, Manipal		45 Points	
	Individual Championship: Men			M D Adnan		16 Points	
	Women			Ganga Singhal		15 Points	
	Overall Championship			MIT, Manipal		96 Points	
6	Volley Ball (Men)	MCON, Manipal	7-8 Mar 2016	SOM, Manipal	MUTD, Manipal	MIT "A", Team	MIT "B", Team
	Volleyball (Women)			SOAHS, Manipal	KMC, Mangalore	KMC, Manipal	MCON, Manipal
7	Hockey (Men)	WGSHA, Manipal	19-20 Mar 2016	MIT "A", Manipal	WGSHA, Manipal	MCOPS, Manipal	KMC, Mangalore
8	Best Physique	SOLS, Manipal	21 Mar 2016	Mr Manipal University – Angshuman, MIT, Manipal			
9	Tennis (Men)	KMC, Manipal	4-5 Mar 2016	KMC, Manipal	MIT "A", Manipal	KMC, Mangalore	MIT "B", Manipal
	Tennis (Women)			MIT "A", Manipal	KMC, Manipal	KMC, Mangalore	WGSHA, Manipal
10	Throw ball (women)	KMC, Mangalore	30 Mar 2016	KMC, Mangaluru	SOAHS, Manipal	MCON, Manipal	MCOPS, Manipal
11	Football (Men)	MCOPS, Manipal	28 Mar-1 Apr 2016	MIT "A", Manipal	DOC, Manipal	FOA, Manipal	SOAHS, Manipal
12	Handball	FOA, Manipal	23 Mar 2016	MIT, Manipal	FOA, Manipal	MCODS, Mangalore	KMC, Mangalore
13	Chess (M and W)	MCOPS Manipal	1-2 Sep 2016	MIT "A", Team	MIT "B", Team	KMC MANIPAL	FOA MANIPAL

Sl no	Events	Organised College	Date	Winner	Runner-up	Semi Final with winner	Semi Final with Runner-up
14	Swimming (M and W)	KMC, Manipal	3-4 Sep 2016	Winner	Points	Runner-up	Points
	Team Championship: Men			MIT, Manipal	139	MCOPS MANIPAL	20
	Women			KMC, Manipal	78	MIT MANIPAL	43
	Individual Championship: Men			Mr Gee Sreekanth, MIT, Manipal		43 points	
		Women		Ms Sitara Niranjana, KMC, Manipal		48 points	
Overall Championship				MIT, Manipal		182 Points	
15	Table Tennis (Men)	MCOCS, Mangalore	10-11 Sep 2016	MIT "A", Team	MIT "B", Team	MCOPS, Manipal	KMC, Manipal
	Table Tennis (Women)			KMC, Mangalore	FOA, Manipal	MCODS, Mangalore	MCOPS, Manipal
16	Squash (Men)	SOAHS, Manipal	7-8 Oct 2016	MIT "A", Team	MIT "B", Team	WAGSHA, Manipal	KMC, Manipal
	Squash (Women)			MIT, Manipal	MCOPS, Manipal	KMC, Mangalore	MCODS, Manipal
17	Volley Ball (Men)	SOM, Manipal	22-23 Oct 2016	SOM, Manipal	DOC, Manipal	KMC, Mangalore	MIT "A", Manipal
	Volleyball (Women)			MCON, Manipal	SOIS, Manipal	SOAHS, Manipal	MCODS, Manipal

Manipal University staff tournament results from Jan to Dec 2016

Sl no	Events	Organized By	Date	Winner	Runner-up		
1	Cricket (Men)	Sports Council, Manipal	3-10 Jan 2016	MIS, Manipal	KMC, Manipal		
2	Volleyball (men)	SOM, Manipal	31 Jan 2016	MIS, Mangalore	MIS "B", Manipal		
	Volleyball (Women)			MU, Manipal	MIT, Manipal		
3	Basketball	MUTD, Manipal	16 Jan and 5 Feb 2016	Kasturba Medical College, Manipal.	Manipal University, Manipal		
4	Tennis Singles above 40	MUTD, Manipal	5-10 Feb 2016	Mr Balakrishna Parkala, MU, Manipal	Dr Kemparaj HB, MIT, Manipal		
	Tennis Singles below 40			Dr Fiddy Devis, SOAHS, Manipal	Dr Karthik Udupa, KMC, Manipal		
	Tennis – doubles			Dr H S Ballal and Dr Roshan Shetty	Dr Karthik Udupa and Mr Nagarajendra		
5	Football	WGSMA, Manipal	1-2 Mar 2016	MIS, Manipal	KMC, Manipal		
6	Squash (men)	Sports Council, Manipal	12 Mar 2016	Dr Abhishek, MCOCS, Manipal	Dr Manish, MCOCS, Manipal		
7	Kabaddi (Men)	Sports Council Manipal	7-12 Apr 2016	MIS, Manipal	MIT, Manipal		
8	Athletics	MIT, Manipal	10 Apr 2016	Winner	Points	Runner-Up	Points
	Team Championship: Men (below 40 years)			MIS, Manipal	48	KH, Manipal	35
	Women (below 40 years)			KH, Manipal	52	MIS, Manipal	32
	Team Championship: Men (Above 40 years)			MIT, Manipal	29	SOC, Manipal	14
	Women (Above 40 years)			KH, Manipal	58	WGSMA, Manipal	9

Sl no	Events	Organized By	Date	Winner	Runner-up
	Individual Championship: Men (below 40 years)			Ashok Naik, MIS, Manipal	18
	Women (below 40 years)			Jenifer Monteiro, KH, Manipal	13
	Women (below 40 years)			Kushala, MIS, Manipal	13
	Women (below 40 years)			Shanthi Prabhu, KH, Manipal	13
	Individual Championship: Men (Above 40 years)			Rajesh Nayak, MIT, Manipal	23
	Women (Above 40 years)			Suhasini, KH, Manipal	19
	Overall Championship			KH, Manipal	145
9	Carom (Men) Singles	SOIS, Manipal	25-26 Jul 2016	Mr Sunil Badri, SOC, Manipal	Dr Chethan, KMC, Manipal
	Carom (Men) Doubles			Mr Sunil Badri, SOC and Mr Mohandas Pai, SOC Manipal	Dr Chethan and Dr Navin Patil, KMC, Manipal
	Carom (Women) Singles			Dr Prathima P Acharya, MU Manipal	Mrs Kavitha Nagasampige, SOC Manipal
	Carom (Women) Doubles			Mrs Kavitha Nagasampige and Mrs Shubha HS, SOC Manipal	Dr Prathima Acharya and Mrs Shashiprabha Karanth, MU
10	Table Tennis (Men) Singles	MIT, Manipal	31 Jul 2016	Dr Chethan, KMC, Manipal	Dr Navin Patil, KMC, Manipal
	Table Tennis (Men) Doubles			Dr Chethan and Dr Navin Patil, KMC, Manipal	Mr Jay Prakash and Mr Sambit Dash, MMMC, Manipal
	Table Tennis (Women) Singles			Mrs Shalini Adiga, KMC, Manipal	Mrs Shashiprabha Karanth, MU
	Table Tennis (Women) Doubles			Ms Shalini Adiga, KMC Manipal and Ms Shashiprabha Karanth, MU	Ms Geetha Mayya, MIT and Mrs Geetha Nayak, MIT, Manipal
11	Badminton (Men) Singles - Below 40 years	MMMC, Manipal	14 Aug 2016	Mr Akshay Poojari, MSS, Manipal	Mr Kiran MN Kumar, KH, Manipal
	Badminton (Men) Singles - Above 40 years			Dr Vishwas Saralaya, KMC, Mangalore	Mr Thri vikram Bhat, KMC, Mangalore
	Badminton (Men) Doubles - Below 40 years			Dr Vishwas Saralaya and Dr Jeedhu Radhakrishnan, KMC, Mangalore	Dr Chethan and Dr Sunil M, KMC, Manipal
	Badminton (Women) Singles			Ms Shashiprabha Karanth, MU, Manipal	Dr Rekha T, KMC, Mangalore
	Badminton (Women) Doubles			Dr Priya Ballal and Dr Rekha T, KMC, Mangalore	Dr Beena Shetty and Dr Gayathri Rao KMC, Mangalore
	Mixed Doubles			Dr Vishwas Saralaya and Dr Beena Shetty, KMC, Mangalore	Mr Kiran Kumar M N and Ms Venecia R S

Sl no	Events	Organized By	Date	Winner	Runner-up
12	Chess (Men and Women)	SOM, Manipal	27 Nov 2016	1st place: Dr Vikas Vittal Prabhu, KMC, Mangalore	2nd place: Dr Sripathi Punchithaya, MIT, Manipal 3rd place: Mr Nagarajendra, Manipal University

1) Manipal University organised National Badminton Championship and Inter State Inter Zonal Badminton Championship on 11– 17 Dec 2016. Dr Ranjan Pai, CEO and MD of the Manipal Education and Medical Group (MEMG) inaugurated the tournament.

2) Manipal University organized Special Olympic at MARENA on 26–27 Jul 2016.

3) Manipal University organized summer coaching camp for children at MARENA on 1–30 Apr 2016.



VIII

New Projects



NEW PROJECTS

WACA EXTENTION BLOCK

VIEW ON COMPLETION



WACA EXTENTION BLOCK

1	ESTIMATED COST (IN CR)	Rs 8.50 CR (LIKELY TO INCREASE BY 10 PERCENT DUE TO STRUCTURAL GLAZING AND FACADE)
2	AREA (SQFT)	26,485
3	STATUTORY CLEARANCES	OBTAINED
4	CIVIL WORKS COMPLETION	END JULY 2017
5	PERIOD	15 MONTHS
6	FINANCIAL PROGRESS	RS 4.2 CR (49 PERCENT)
7	PRESENT STATUS	RCC SLAB WORK COMPLETED AND FINISHING WORK STARTED. ACTUAL DELAY OF 20 DAYS WILL BE MADEUP BY FEBRUARY END

MIT GIRLS HOSTEL

VIEW ON COMPLETION



MIT GIRLS HOSTEL

1	ESTIMATED COST (IN CR)	27.00
2	AREA (SQFT)	1,00,890
3	STATUTORY CLEARANCES	OBTAINED
4	CIVIL WORKS COMPLETION	END OCT 2017
5	PERIOD	18 MONTHS
6	FINANCIAL PROGRESS	RS 7.48 CR (28 PERCENT)
7	PRESENT STATUS	OVERALL EXPECTED DELAY IS 16 DAYS AND EXPECTED TO BE MADE GOOD BY END FEBRUARY

MIT FOOD COURT

VIEW ON COMPLETION



MIT FOOD COURT

1	ESTIMATED COST (IN CR)	RS 9.50 CR
2	AREA (SQFT)	36,270
3	STATUTORY CLEARANCES	OBTAINED
4	CIVIL WORKS COMPLETION	END JUNE 2017
5	PERIOD	14 MONTHS
6	FINANCIAL PROGRESS	RS 3.80 CR (40 PERCENT)
7	PRESENT STATUS	RCC SLAB WORK COMPLETED AND FINISHING WORK STARTED. ACTUAL DELAY OF ONE MONTH WILL BE MADEUP BY FEBRAURY END

MADHAV KRIPA SCHOOL

VIEW ON COMPLETION



PROPOSED PRIMARY AND PRE-PRIMARY MADHVAKRIPA SCHOOLS BUILDING, NANRAL. SUNDARAM ARCHITECTS PVT LTD

MADHAV KRIPA SCHOOL

1	ESTIMATED COST (IN CR)	19.00
2	AREA (SQFT)	90,000
3	STATUTORY CLEARANCES	OBTAINED
4	CIVIL WORKS COMPLETION	END OCT 2017
5	PERIOD	18 MONTHS
6	FINANCIAL PROGRESS	RS 6.37CR (33 PERCENT)
7	PRESENT STATUS	OVERALL EXPECTED DELAY IS SEVEN DAYS AND EXPECTED TO BE MADE GOOD BY END FEBRUARY 2016

INTERNATIONAL ACADEMIC BLOCK TOWER 2 AND 3

VIEW ON COMPLETION



SUNDARAM ARCHITECTS PVT LTD

INTERNATIONAL ACADEMIC BLOCK TOWER 2 AND 3

1	ESTIMATED COST (IN CR)	RS 44.50 CR
2	AREA (SQFT)	1,68,720
3	STATUTORY CLEARANCES	OBTAINED
4	CIVIL WORKS COMPLETION	END DEC 2017
5	PERIOD	18 MONTHS
6	FINANCIAL PROGRESS	RS 7.67 CR (17 PERCENT)
7	PRESENT STATUS	PROJECT DELAY IS 32 DAYS AND LIKELY TO BE MADE GOOD BY END FEB 2017

MULTI LEVEL CAR PARKING

VIEW ON COMPLETION



MULTI LEVEL CAR PARKING

1	ESTIMATED COST (IN CR)	RS 20.00 CR
2	AREA (SQFT)	2,52,000
3	STATUTORY CLEARANCES	OBTAINED
4	CIVIL WORKS COMPLETION	END AUG 2017 (G+2)
5	PERIOD	12 MONTHS
6	FINANCIAL PROGRESS	5.83 (29 PERCENT)
7	PRESENT STATUS	EXPECTED DELAY OF 68 DAYS TO BE MADE UP WITHIN TERRACE FLOOR SLAB AND REVISED CATCHUP SCHEDULE SUBMITTED

MCPH PAVILLION BUILDING

VIEW ON COMPLETION



MCPH PAVILLION BUILDING

1	ESTIMATED COST (IN CR)	0.75
2	AREA (SQFT)	3560
3	STATUTORY CLEARANCES	OBTAINED
4	CIVIL WORKS COMPLETION	END MAR 2017
5	PERIOD	SEVEN MONTHS
6	FINANCIAL PROGRESS	0.45 CR (60.0 PERCENT)
7	PRESENT STATUS	50 PERCENTSUB STRUCTURE WORK COMPLETED. BALANCE WORK IS IN PROGRESS

SWIMMING POOL

VIEW ON COMPLETION



SWIMMING POOL

1	ESTIMATED COST (IN CR)	2.00
2	AREA (SQFT)	FIVE MTR LENGTH (SIX LANE)
3	STATUTORY CLEARANCES	OBTAINED
4	COMISSIONING	END MAR 2017
5	PERIOD	EIGHT MONTHS
6	FINANCIAL PROGRESS	RS 1.41 CR (70.0 PERCENT)
7	PRESENT STATUS	TILING AND FINISHING WORK IN PROGRESS

STP UPGRADATION

VIEW AT PRESENT



STP UPGRADATION

1	ESTIMATED COST CR	3.00
2	AREA (SQFT)	FROM TWO MLD TO THREE MLD
3	STATUTORY CLEARANCES	OBTAINED
4	CIVIL WORKS COMPLETION	END DEC 2016
5	PERIOD	TEN MONTHS
6	FINANCIAL PROGRESS	RS 2.32 CR (77.0 PERCENT)
7	PRESENT STATUS	CIVIL WORKS COMPLETED. MEP WORK IS IN PROGRESS

IX

Manipal Campus



KASTURBA MEDICAL COLLEGE

Madhava Nagar, Manipal – 576 104

Phone Number: 0820 – 2922552/2922325/2922367

Email-Office: office.kmc@manipal.edu HoD: dean.kmc@manipal.edu



Name of Dean: Dr Poonima Baliga B

Established: 1953

Programs:

- Undergraduate - 1, Post Graduate - 49, Others - 2, PhD

Courses:

- MBBS Bachelor of Medicine and Bachelor of Surgery
 - MD (General Medicine)
 - MS (General Surgery)
 - MS (Obstetrics and Gynaecology)
 - DGO (Obstetrics and Gynaecology)
 - MD (Paediatrics)
 - DCH (Paediatrics)
 - MS (Orthopaedics)
 - DOrtho (Orthopaedics)
 - MS (Ophthalmology)
 - DO (Ophthalmology)
 - MS (Oto-Rhino-Laryngology)
 - DLO (Oto-Rhino-Laryngology)
 - MD (Anaesthesiology)
 - DA (Anaesthesiology)
 - MD (Dermatology, Venereology and Leprosy)
 - DDVL (Dermatology, Venereology and Leprosy)
 - MD (Radiotherapy)
 - MD (Radio Diagnosis)
 - DMRD (Radio Diagnosis)
 - MD (Psychiatry)
 - DPM (Psychiatry)
 - MD (Hospital Administration)
 - MD (Respiratory Medicine)
 - MD (Immunohematology and Blood Transfusion)
 - MD (Biochemistry)
 - MD (Community Medicine)
 - MD (Forensic Medicine)
 - MD (Microbiology)
 - MD (Anatomy)
 - MD (Pathology)
 - DCP (Clinical Pathology)
 - MD (Pharmacology)
 - MD (Physiology)
 - MCh (Urology)
 - MCh (Cardio Thoracic and Vascular Surgery)
 - DM (Neurology)
 - MCh (Paediatric Surgery)
 - DM (Cardiology)
 - DM (Gastroenterology)
 - MCh (Neuro Surgery)
 - DM (Nephrology)
 - MSc (Anatomy)
 - MSc (Physiology)
 - MSc (Biochemistry)
 - MSc (Microbiology)
 - MSc (Pharmacology)
 - MSc (Clinical Embryology)
 - MPhil (Psychiatric Social Work)
 - MSc Genetic Counselling
- Advanced Course in Medical Genetics
- Advanced Course in Diabetics
- PhD

About institution/school:

Kasturba Medical College (KMC), Manipal was established in 1953 as the first self-financing medical college in the private and the 33rd medical college in India. It is spread over a campus area of 140 acres.

The college has been consistently ranked among the top 10 medical colleges in the country. Students not only from India, but also abroad graduate from the college every year and its degrees are recognized worldwide.

KMC has one of the finest learning environments in South Asia with infrastructure and faculty that support students to hone their skills to become outstanding medical

professionals. KMC is recognized by the Medical Council of India and the General Medical Council of Great Britain, the Malaysian Medical Council and Australian Medical Council.

The institute has strong linkages with national and international universities. Students from UK, Ireland, USA, New Zealand, Kenya, Netherlands and Malaysia have opted for elective postings in Kasturba Medical College, Manipal. Students from KMC, Manipal are pursuing electives in several top universities of USA.

Institutional activities/curricular activities:**New initiatives:**

Sl no	Activity	Particulars
Department of Biochemistry		
1	Industry Collaboration Department of Biochemistry in collaboration with Roche diagnostics is planning to conduct a study on "Establishing the thyroid reference ranges for Indian population."	This project is sponsored by Roche diagnostics. Grant amount is 50 lacs. The population groups include adults, pregnant women and children and separately are planning to establish the reference ranges for TSH, T4, T3, free T4, free T3 and anti TPO.
Department of Immunohematology and Blood Transfusion		
2	J G Jolly PG training program cum workshop for Post Graduates	IHBT is a new branch so it is an initiative to bring all PGs from different colleges and expose them to the curriculum and uniformity in teaching pattern to benefit them in academic career.
3	Regular blood donation motivational talks	Regular motivational talks in schools and colleges by transfusion medicine postgraduates promoting voluntary blood donation.
4	Collaboration with other universities for MD Curriculum (Training in Immunohematology and apheresis for 15 days)	Students (PG Trainees of Transfusion medicine from other universities come to our department for training in Immunohematology and Apheresis program)
Department of Microbiology		
5	Endotoxin assay for dialysis water	Presence of endotoxins in haemodialysis water can have serious effects on patient's health as they act as stimulants for inflammatory response. Therefore, it is very essential to evaluate the water treatment process. Endotoxin assay is intended as an in vitro end-product endotoxin test for Water used in haemodialysis. The Limulus Amebocyte Lysate (LAL) test is a qualitative test for Gram-negative bacterial endotoxin. LAL as supplied is to be reconstituted with LAL Reagent Water and then mixed in equal parts with the solution being tested. After incubation, and in the presence of endotoxin, gelation occurs; in the absence of endotoxin, gelation does not occur.
6	Candida mannan and Anti-mannan assay	Candida infections rank as the first cause of nosocomial fungal infections. Candida mannan and anti-mannan ELISAs are two immunoenzymatic microplate assays, which are used to detect circulating mannan Candida antigen and antibodies to mannan antigen.
7	Beta-2 glycoprotein IgM and IgG	This ELISA test provides a semi-quantitative or quantitative in vitro assay for human IgM and IgG classn antibodies against Beta-2 glycoprotein 1 (B2-GP1) in serum or plasma. These are associated with the clinical picture of antiphospholipid syndrome (APS).

Sl no	Activity	Particulars
Department of Forensic Medicine		
8	Clinical Forensic Medicine Unit (CFMU)	Clinical Forensic Medicine (CFMU) was started on 3 Oct 2017 to facilitate the medico legal work of Kasturba Hospital, Manipal. This unit cases the work of clinicians, so that they can concentrate more on management aspect of medico-legal cases. Clinical Forensic Medicine Unit will handle the documenting part of the same.
Department of Medicine		
9	Young diabetes registry	As a part of ICMR registry Manipal registry has been initiated
10	Manipal McGill Centre for Infectious Diseases	Coordinator Department
Department of Dermatology, Venereology and Leprosy		
11	Selected as two Centres for IADVL Observership in Photodermatology and Immunofluorescence	Selection made by Indian Association of Dermatologist, Venereologist and Leprologist.
Department of Psychiatry		
12	Kandlur Telepsychiatry	A telepsychiatry team of a psychiatry resident/consultant and an allied mental health trainee/consultant will travel in a college vehicle and reach Kandlur PHC and report to the Medical Officer there. The team will be carrying equipment to set up a telepsychiatry system in a suitable room of the PHC, provided by the MO of the PHC. The MO of the PHC will also provide internet access for the team and refer potential psychiatric patients to them. The team will hook up with the tele-psychiatry consultant in the Department of Psychiatry, KMC, Manipal by internet. It will evaluate the patients at Kandlur online. The tele-psychiatry consultant at Manipal will observe the evaluation online and suggest further evaluation/investigation/treatment as per the diagnosis reached. The team will enter the information regarding the patient in a file (which will be maintained at the PHC) and a register, and prescribe appropriate treatment/counselling and suggest further action such as review visits/referral to other consultants/referral to a higher centre etc.
13	Memory clinic	Once weekly on Wednesday afternoon in association with department of Neurology and Clinical Psychology. One faculty and one postgraduate student are posted for the clinic.
Department of Respiratory Medicine		
14	Outreach Medical Screening Camp	The department of Pulmonary Medicine is providing regular outreach camps on monthly basis for the benefit of poor patients in rural areas of Udupi district.
15	Dr TMA Pai Hospital – Udupi – Speciality outpatient service – Every Monday and Thursday	Department of Pulmonary Medicine is providing speciality outpatient services in Dr TMA Pai Hospital Udupi since 2015. We have involved in delivering effective patient care in OP and IP consultant services also.
Department of Plastic Surgery		
16	Submitted proposal for skin bank	
17	Started Microvascular Surgery	

Sl no	Activity	Particulars
Department of Anaesthesiology		
18	Manipal Trauma Life Support Course (MTLS) 26-27 Feb 2016 3-4 Jun 2016	The Department of Anaesthesiology, Orthopaedic Surgery and General Surgery jointly organized a workshop cum CME. This is an on-going program, conducted every three months. There is a need for all doctors involved in trauma care to be trained in Trauma Life Support. The knowledge and skills required to deal with trauma must be made more accessible to all. The "Manipal Trauma Life Support Course" is designed along the lines of Advanced Trauma Life Support Course (ATLS) conducted by American College of Surgeons for the benefit of students, staff and patients. The course is open only to doctors, including interns. We hope that this knowledge will translate to better care in our own trauma centre as well as make an impact wherever these doctors practice medicine in the future.
19	CME on Advanced Mechanical Ventilation 15-5-16	The Departments of Anaesthesiology and Medicine, Kasturba Medical College Manipal, and Department of Respiratory Therapy, School of Allied Health Sciences, Manipal University jointly organized a CME cum workshop on Advanced mechanical ventilation program on 15 May 2016. This advanced mechanical ventilation CME is a blended program suitable for postgraduates and faculty of Anaesthesiology, Medicine and students of Respiratory Therapy, Physiotherapy, nurses as well as interested practicing anaesthesiologists and physicians interested in intensive care.
Department of Radiodiagnosis		
20	Shirdi MRI UNIT	24 hours service is started in Shirdi MRI.
Department of Radiotherapy		
21		Installed ELEKTA VERSA HD DIGITAL LINEAR ACCELERATOR WITH VMAT, IMRT, IGRT, SRS, SRT CAPABILITY + MONACO TREATMENT PLANNING SYSTEM, Jul 2016.
Department of Cardiology		
22	Lecture by Adjunct Faculties	
Department of Neurology		
23	Neurosciences Quiz – 2016	Department of Neurology in association with Department of Neurosurgery, conducted Neurosciences Quiz Competition on 30 Sep 2016 for undergraduates of Kasturba Medical College, Manipal and Mangalore.
24	Walkathon	Department of Neurology organized Walkathon to raise awareness on stroke prevention in conjunction with World Stroke Day on the 21 Oct from End Point to KMC Greens. The event started at 5 pm from End Point where the participants walked towards KMC Greens followed by a street play performed by KMC Students at 6.30 pm, then closing speech by the Head of Department, Neurology.
25	Epilepsy Camp	On the occasion of World Epilepsy day, Department of Neurology, Kasturba Hospital, Manipal conducted Epilepsy Screening Camp on Sunday 27 Nov 2017 from 10 am to 1 pm at Dr T MmA Pai Hospital Udupi and Dr TMA Pai Rotary Hospital, Karkala. Senior Consultants including the HOD from the Department of Neurology participated in camp with portable EEG machine and the respective technical staff.
26	Community outreach program	Department of Neurology started weekly sub super speciality clinics at Dr TMA Pai Hospital, Udupi and Dr TMA Pai Rotary Hospital, Karkala.

Sl no	Activity	Particulars
Department of Hospital Administration		
27	RASTHA	RASTHA is a forum to discuss, debate and disseminate knowledge in the field of hospital administration. It is a unique initiative by the Department of Hospital Administration, KMC Manipal. The academic feast will include a variety of events in the form of seminars, guest lectures, workshops, training programs and conferences in association with apex bodies. RASTHA aims to serve as an industry academia interface wherein industry experts interact with students and delegates. It will feature eminent speakers from the healthcare and management fields.
Department Clinical Embryology		
28	Fertility Preservation Centre	Established a new Centre for Fertility Preservation (CFP) under Manipal University Manipal. It specially aims to help childhood cancer survivors and reproductive – age men women who are about to undergo cancer treatment to have children.
Department of Medical Education		
29	Shibboleths in Faculty Development	Dr K Ramnarayan, Vice President Faculty Development and Alumni Relations, MU
30	Computerised Image Analysis – A Hands on Workshop	Dr Keerthana Prasad, School of Information Sciences, MU
31	Diagnostic and Reasoning: A workshop on Integrated Clinical Pathophysiology and Therapeutics	Dr Scott Stern, Professor of Medicine, Pritzker School of Medicine, University of Chicago
32	ALIGN – A hands on workshop to develop and align Competencies and Objectives with Assessment using MCQs	Dr Vinay Kumar, Alice Hogge and Arthur Baer Distinguished Service Professor and Chairman of the Department of Pathology, University of Chicago And Dr Tamkin Rabbani, Professor of OBG, Jawaharlal Nehru Medical College, Aligarh Muslim University, UP
33	Encounter or Engagement - Intercultural competence building at the workplace	Praveen Shetty, Assistant Professor, MIT. Rahul Putty, Assistant Professor, Department of European Studies
34	Assessment strategies in Medical Education	Dr Manoj Chakravarty, Associate Professor, College of Medicine and Medical Sciences, Arabian Gulf University, Bahrain And Dr Sanjay Singh, Department of Information and Communication Technology, MIT, Manipal
35	3D Bio-Printing	Mr Arun Chandru, Cofounder, Pendorum Technologies
36	Disease to Diagnosis	Dr Scott Stern, Professor of Medicine, Pritzker School of Medicine, University of Chicago And Dr Sandeep Gurbaxani, Associate Professor Director, Hematopathology Fellowship, Department of Pathology – The University of Chicago
37	Developing Undergraduate Medical Curriculum	Dr Melissa Fischer, Associate Dean of Medical Education, University of Massachusetts Medical School
38	Outcome Based Learning	Professor Nagesh Pai, Foundation Professor of Psychiatry, Graduate School of Medicine, Faculty of Science, Health and Medicine, and University of Wollongong, Australia
39	Teaching and Assessment of Professionalism	Professor Nagesh Pai, Foundation Professor of Psychiatry, Graduate School of Medicine, Faculty of Science, Health and Medicine, and University of Wollongong, Australia
40	Revised Basic Medical Education Technologies Workshop	24–26 Oct 2016

All other activities in the department relating to the program/course:

Sl no	Activity	Particulars
Department of Physiology		
1	Curriculum development I MBBS – Introduction of digital spirometry	Computerised spirometry demonstration with case discussion of respiratory diseases was conducted for first year MBBS students
2	Academic club KCLASS Quiz for first year MBBS using clickers	Quiz in Physiology, Anatomy and Biochemistry of KMC, Manipal
Department of Biochemistry		
3	Guest lecture: Opportunities for higher education and Research in Germany Speaker: Dr Partha Dabke Intern Young Ambassador, DAAD (German Academic Exchange Service) KMC, Manipal. Date: 12 Jan 2016	Dr Partha Dabke, an intern at Kasturba Medical College, Manipal University, Karnataka, with keen interest in “Inborn Errors of Metabolism” was awarded the short-term studentship from the Indian Council of Medical Research for three consecutive years. Based on his interest, he was selected for the program “German Academic Exchange Service” (DAAD). During this he attended the Nobel Laureate meeting in Germany in 2014 through fellowships awarded by the DST and DFG. He also had an opportunity of working in Hannover Medical School and LMU, Munich for one month and three months respectively. He interacted with all PG students of Biochemistry department and shared his experience and gave some guidance and opportunities for student can have for working in Germany. More than 50 postgraduate students participated and benefited from this program.
4	Guest Lecture: Quality Control and Quality Assurance Speaker: Dr B Shivananda Nayak Head, Department of Preclinical Sciences, The University of the West Indies Trinidad and Tobago on 14 Jan 2016	The biochemical tests results of the laboratory play an important role in the diagnosis and treatment of the disease. Any error with the test values results in wrong diagnosis and unnecessary treatment and prolonged hospitalisation. Hence the quality of such values must be controlled. High quality of the tests results can be achieved through adopting high quality standard and quality control programs in the laboratory. It is must nowadays to release the tests results after complete review. It is must for the Laboratory in charge to check day to day error always to take necessary steps to minimise those errors.
5	Approach to research article series Speaker: Dr Krishnananda Prabhu R V Professor and Head Department of Biochemistry Lecture – 1 on 16 Feb 2016 Lecture – 2 on 23 Feb 2016 Lecture – 3 on 17 May 2016	Lecture 1: Title and Its Attributes Lecture 2: Writing Proper Abstract Lecture 3: Writing Introduction
6	CME on “Epigenetics – from genome to epigenome”	Organized by department of Biochemistry KMC Manipal on 19 Oct 2016. Dr H Vinod Bhat, Vice chancellor Manipal University was the chief guest and Dr Poornima Baliga B, Dean KMC Manipal was the guest of honour. There were around 80 participants from KMC, MMMC, MCOPS Manipal and Medical colleges of Mangalore. The speakers were Dr Pragna Rao, Dr Priyanka Upadhyai, KMC Manipal. Dr Krishnapal Karmodiya, Indian Institute of Science Education and Research (IISER), Pune and Dr Kshitish Acharya, Institute of Bioinformatics and Applied Biotechnology (IBAB), Bengaluru. They discussed the concept of epigenetics, its role in health and disease, techniques in molecular biology and scope for research in epigenetics. Karnataka Medical Council had awarded two credit hours. CME concluded with distribution of certificate to delegates.
7	Guest Lecture: CRISPR – gene editing tool	Gene editing is a powerful tool allowing the discussion of complex biological processes in a physiological context. Over the years gene editing in Drosophila has evolved from ends out and ends in gene targeting and their modifications to CRISPR/Cas9 based editing.

Sl no	Activity	Particulars
	Speaker: Dr Priyanka Upadyayi, Assistant Professor Department of Medical Genetics Kasturba Medical College Manipal on 26 Apr 2016	Here, Dr Upadyayi briefly described the use of a modified form of ends out gene targeting to evaluate the activity of a transcriptional repressor, Brinker that functions in the Dpp/BMP pathway in Drosophila. This will be followed by an overview of how CRISPR and MS2 – MCP bacteriophage system was used to evaluate the spatiotemporal dynamics of transcription from Dpp responsive loci in the early Drosophila embryo. Thus, Drosophila with its enormous range of molecular and genetic tools and high degree of genome conservation has emerged as among the front-line model systems for investigating a broad range of human diseases.
8	Guest Lecture: "Craft of scientific writing - focus on possibilities, create opportunities" Speaker: Dr Vasudev Ballal, Professor of Conservative Dentistry and Endodontic MCODS on 17 Oct 2016	Dr Ballal delivered a talk on "Craft of scientific writing – focus on possibilities, create opportunities" at Biochemistry department KMC, Manipal. He very diligently explained key aspects, Do's and Don'ts of scientific paper writing. He also elaborated on basics of writing protocol especially with respect to ethical issues and how to address them. Around 40 postgraduates and faculty members of Biochemistry department attended and benefited from the same.
9	Soft skill workshop at Biochemistry Speaker: Radha Srivastava, Head of HR, Roche diagnostics on 22 Nov 2016	Radha Srivastava spoke on building an appropriate resume, managing interviews and managing social media. She began this "Workshop like" interaction by first giving the students the current economic scenario. This served as a reality check for all the students as she explained how it was important to acquire right skills in today's competitive job market. She briefed how to use one's resume as a marketing tool and to build one's own brand. She even gave the students some insider tricks on how they can ensure to nail interviews and impress the recruiter. These differentiating factors stated by her were an eye opener for students. Dr Prasanna Kailaje, director of industry liaison and placement was also present during this program.
10	Guest Lecture: Bridging the gap between the doctor and the laboratory of "wrong" Biochemical reports. Speaker: Dr Biswajit Saha, (Joint Director -Medical and Health services, DSP), HoD Biochemistry, Steel Plant Hospital, Durgapur, West Bengal on 16 Dec 2016	Dr Biswajit Saha gave an insight into all types of discrepancies that can occur while reporting Biochemistry reports and how to handle them. His talk was highly informative and more than 30 faculty members and students attended and benefited from the same.
Department of Immunohematology and Blood Transfusion		
11	Donor awareness program (27 Jan 2016)	Dr Shamee (Students of MGM college, Udupi)
12	Donor awareness program (5 Feb 2016)	Dr Pruthvi (Saint Mary's College Shirva, Manchekkal)
13	Donor awareness program (13 Aug 2016)	Dr Karishma (SMS college Brahmavar)
14	Donor awareness program (7 Sep 2016)	Dr Dhivya (MGM College, Udupi)
15	Rational use of Blood components (16 Sep 2016)	Dr Manish (IMA Kundapura)
Department of Forensic Medicine		
17	Compos mentis 2016	Department of Forensic Medicine and Toxicology conducted a National Level Forensic Medicine Quiz competition "Compos Mentis 2016" on 15 Sep 2016. A total number of 100 students from 27 Medical Colleges across India participated in the event.
18	An awareness program on POCSO Act 2012	An awareness program on POCSO Act 2012 was organized by the department of Forensic Medicine and Toxicology, KMC, Manipal, Karnataka Police, Udupi district and Dr TMA Pai Ratary Hospital, Karkala on 13 May 2016.

Sl no	Activity	Particulars
Department of Community Medicine		
19	30 Jan 2016, Women and Risk of Cancer, Manipal Technologies Ltd Manipal, Ms Asha	A session on "Women and Risk of Cancer was conducted at Manipal Technologies Ltd Manipal to the women employees. What is cancer; most common cancers among women (breast cancer, cervical cancer, oral cancer) and its symptoms, screening, self-examination methods were explained. Total 50 women employees participated in the program.
20	23 Jan 2016, Awareness Program: Women and Cancer Risk, Koppalangi, Kaup Dr Sneha and Ms Asha	Awareness Program was conducted at Koppalangi, a field practice area of Kaup RMCWH. Total number of beneficiaries 31 Women aged between 35 to 55 years. Kaup RMCWH ANMs Mrs Susheela, Mrs Kavitha and Anganvadi teacher were present.
21	19 Mar 2016, College Day and Awards ceremony, KMC, Manipal. Dr Avinash Shetty and Dr Chythra R Rao	Awarded Excellence in teaching 2015-16
22	24 Mar 2016, Geriatric Wellness centre, Alevoor RMCW Home Dr Chythra R Rao, Dr Swati, Mr Ashok and Mrs Neelavathi	Organized informative session on legal aspects, social security measures available for elderly by Mr Dinesh Naik, Advocate, Udupi Sessions Court and Mr Srikanth Nayak, Panchayat President, Alevoor
23	16 Aug 2016, Guest lecture by Dr Umesh Prabhu, KMC, Manipal, Faculty members and PGs from Department of Community Medicine	Patient safety and Professionalism by Dr Umesh Prabhu, Medical director of Wrightington Wigan and Leigh Foundation trust in UK
24	8-9 Jul 2016, Screening camp for transport employees of MU, KMC, Manipal. Dr Chythra R Rao, Dr Swati, Dr Sravan Reddy, Dr Vanditha, Dr Surabhi and Dr Aparna	Screening done for non-communicable diseases for 98 employees
25	11 Jul 2016, Guest lecture by Dr Chandrika Raghavendra Rao (MSF Volunteer), KMC, Manipal, all faculty members and PGs	Awareness Raising Session – On Volunteering with Médecins Sans Frontières/Doctors Without Borders
26	15 Jul 2016, Geriatric Wellness centre – Distribution of Spectacles for eye camp beneficiaries, Alevoor RMCW Home Dr Chythra R Rao, Dr Swati Guha, Dr Vanditha and Mrs Neelavathi	Dr Chandan Shettigar and Mr Rakesh, from Essilor Mangalore distributed free Spectacles for 66 eye camp (held in Jun 2016) beneficiaries.
27	30 Jul 2016, Health education on nutrition, Shantinikethan School, Alevoor Dr Chythra R Rao, Dr Swati Guha, Dr Vanditha, Mrs Neelavathi and Ms Asha	Nutrition education for parents of malnourished children identified during growth monitoring in the school.
28	17 Nov 2016, Geriatric Wellness centre – Tobacco cessation sensitisation program, Alevoor RMCW Home Dr Chythra R Rao, Dr Swati, Dr Vanditha, Ms Asha and Mrs Clera	Ms Asha, Mrs Clera discussed about the ill effects of tobacco usage, reasons for addiction and measures to help in quitting.
29	3 Apr 2016, Diabetes Awareness and Screening camp, Mount Rosary English Medium School, Santhekatte, Kallianpur on Sunday, 7 am to 12 pm Dr Chythra R Rao, Dr Vibha, Dr Vanditha, Dr Sravan Reddy and Dr Mahathi	Organized diabetes awareness and screening camp in association with Catholic Sabha and Health Commission, Mount Rosary Church, Santhekatte, Kallianpur, Rotary Club Manipal Town, Rotary Club Kallianpur and Lions Club, Kallianpur Participating departments – Department of Community Medicine, Department of Dermatology and Department of Physiotherapy.

Sl no	Activity	Particulars
30	7 May 2016, International Symposium on Interprofessional Education (IPE) and Interprofessional Practice (IPP), KMC, Manipal. Dr Chythra R Rao and Dr Muralidhar Kulkarni	International Symposium jointly organized by Dr TMA Pai Endowment Chair in IPE and IPP, MUFILPE and Manipal Centre for Professional and Personal Development, Manipal University, Manipal
31	19 May 2016, Geriatric Wellness centre, Alevoor RMCW Home. Dr Swati Guha, Mr Ashok and Mrs Neelavathi	Organized Activities for Elderly and health education. Sensitised about social schemes for elderly by Mr Harish Sherigar, Member of Alevoor Panchayat.
32	24 Nov 2016, Diabetes – Educational session on self-care in diabetes; screening for diabetic foot and diabetic retinopathy JCI Hall, Kaup Faculty members, Dr Sneha, MSW, Ms Asha, PG's, Dr Vibha, Dr Saranya and Dr Jaun	Diabetes Awareness and Screening Program was organized jointly with RMCWH Kaup and JCI Kaup on 24 Nov 2016. Inauguration session presided by Dr Sneha, Associate Professor, Department of Community Medicine. Chief Guests: Mrs Sowmya Rakesh, President, JCI Kaup, Mr Praveen Kumar Gurme, North JCI Zone Kaup and Mr Sandeep Shetty, JCI Kaup, Megha, Optometry Department, School of Allied Health Science Manipal. Awareness talk on Diabetes and Health by Ms Asha, MSW, Department of Community Medicine. Vote of thanks by Mrs Neelavathi. Regular health check-up followed by foot care screening and retinal examination was done for diabetic patients. Total foot screenings: 26; Total optometry screenings: 26
33	22 Jul 2016, Awareness Program on Thyroid and Cholesterol, Malpe, Dr Saranya, Dr Vibha, Mrs Chithra	13 women participants in centre
Department of Medicine		
34	MD Program	Orientation program for new batch of 20 students in Jun 2015
35	PG Teaching program	Interdisciplinary exposure through rotation in various departments such as anaesthesia, microbiology, statistics, radiology and dermatology in addition to existing regular teaching program.
36	Co-curricular activity	Participation of PGs in quizzes competitions at other universities and professional conferences.
Department of Nephrology		
37	Seminars	On Paediatric Kidney disease was well attended and had guest faculty
38	Mock exams, CME, Interdepartmental meetings, Postings to other institutions	Mock exams were conducted for the benefits of DM Nephrology registrars and outside examiners namely Dr Ravishankar Bonu, HoD Nephrology, Manipal Hospital, Bangalore Dr Gurudev K, HoD Nephrology, M S Ramaiah, Hospital, Bangalore Dr Anupama Y J, Nephrologist, Shivamogga, conducted the exam
Department of Dermatology, Venereology and Leprosy		
39	LUMENIS – LIGHT SHEER ET DIODE LASER Installed	For LASER hair reduction
40	FRAXIS DUO — SKINNOVATION: fractional CO2 LASER along with microneedle radiofrequency - Installed	For acne scars, striae etc.
41	Alumni of the department were invited to give lectures and for workshops for the benefit of students	Dr Apratim Goyal, Dr Abhishek De and Dr Nirmal B were the three alumni who have been doing distinguished work in the fields of Aesthetics, Cosmetology and Dermatoscopy respectively.
Department of Respiratory Medicine		
42	Integrated Class for MBBS Students	Clinical update in Respiratory System – MBBS Students as a part of integrated module - more than 150 students participated.
43	Integrated Class for BPT final year students SCOAHs	BPT Final year students SCOAHs as a part of integrated module - more than 50 students participated.

Sl no	Activity	Particulars
Department of Plastic Surgery		
44	Started doing free flaps	Free tissue transfer for tissue defects
Department of Ophthalmology		
45	Eye Camps Conducted: 61	Total outpatient screened: 5,802 Selected for surgery: 204 Surgery done: 72
46	Diabetic Screening Camps: 09	Diabetic retinopathy screened: 278 Referred: 11
Department of ENT		
47	Otology workshop with Hands on Temporal bone dissection course	Otology workshop with Hands on Temporal bone dissection course – 5–6 Mar 2016.
48	CME	CME – 9 Apr 2016 (Saturday) at 7.30 pm. “Management of Vertigo” by Dr Mohan Kameshwaran, Chennai.
49	SYMPOSIUM	The Department of ENT – Head and Neck Surgery, Kasturba Medical College and Hospital, Manipal is organising a symposia on “Allergic airways diseases” live from Bangalore by Dr Ignacio J Ansotegui, Head of Department of Allergy and Immunology, Hospital Quionsalud, Bilbo, Spain and Prof Ruby Pawankar, Professor of Allergy, Department of Paediatrics, Nippon Medical School, Tokyo, Japan on 27 Jun 2016
50	CME – LIVE Web cast	Live surgical web cast – By Dr Deepak Haldipur, Bangalore 19–20 Aug 2016
Department of Anaesthesiology		
51	Teaching Program – 2016	The Department of Anaesthesiology conducted a teaching program four days in a week from 7:45 am to 8:45 am. The Program consisted of lectures, case discussions, Topical Review, Staff symposium, Clancon, BLS and ACLS Training Program. And also conducted MCQ Test once in three months for all postgraduates.
Department of Radiodiagnosis		
52	Neuro-Radiology meet	Second and Fourth Saturday of Month
53	Uro-Radiology Meet/Mortality meet	Monthly
54	Medicine Radiology meet/Film reading session	Once in two weeks Tuesday
55	Surgico-radiology meet	Once in two weeks Wednesday
56	Seminar	Thursday
57	Film reading session/Thesis presentation	Friday
58	Seminar (Journal club/ Anatomy / Imaging Protocol)	Saturday
59	GUT club meeting	Last Saturday in Two months
60	Thesis Updates and presentation	Last month of every six months
Department of Radiotherapy		
61	Dr H Y Prahlad:	Faculty member in charge for the SPANDAN Sports Fest in the KMC (Men and Women) sports contingent from 22 to 27 Aug 2016
62	Dr Anshul Singh and Dr Anusha Reddy	Participated in the ESTRO Teaching course on “Clinical Practice and Implementation of Image-Guided Stereotactic Body Radiotherapy,” held at Athens-GREECE (Accreditations: 25 ECMEC’s (European CME Credits) 5–9 Jun 2016
63	Mr Srinidhi G C Ms B Ramya	MONACO Treatment Planning System training at ELEKTA Training Centre, Chennai from 25 to 29 Jan 2016
64	Mr Srinidhi G C	Underwent training at Manheim University Clinic, Manheim, Germany on new Linear Accelerator Unit, 11–17 Sep 2016

Sl no	Activity	Particulars
Department of Neurology		
65	Teaching	The academic schedule for the Neurology Registrars, Medicine and Psychiatry residents who are posted in the department has been modelled according to the program followed in AIIMS, New Delhi and Research and Referral Hospital, New Delhi, both of which are pioneering institutes in India in Neurology training.
66	Seminars	Seminars will be held every Thursday from 8 am to 9 am. The assigned resident needs to discuss the topic with the consultant in charge (moderator) before making the final presentation.
67	Clinical Demonstrations	Clinical Case discussion will be held on Tuesdays from 8 am to 9 am. Residents will be assigned the schedule well in advance.
68	EEG/ENMG	EEG/ENMG will be conducted every Friday from 8 am to 9 am. The assigned resident needs to get the articles approved by the Head of the Department well in advance.
69	Journal Clubs	Journal club will be conducted every Monday from 8 am to 9 am. The assigned resident needs to get the articles approved by the Head of the Department well in advance.
70	Neuroradiology meets	Held every first and third Saturday from 8 am to 9 am. The cases for discussion will be decided by Thursday evening. The senior resident concerned should discuss the case in detail with a neuroradiology consultant before presenting the same on Saturday. Brevity and clarity in presentation will be expected.
71	EBM Sessions	Research Methodology for clinicians by clinicians; monthly programs on first Thursdays to discuss topics both Medicine PGs and Neurology Registrars to take part.
72	Continuum in Neurology	Monthly programs on last Mondays to discuss topics both Medicine PGs and Neurology Registrars to take part.
73	Paper Presentation	Departmental thesis committee meetings held every three-month will evaluate the progress of the thesis of the candidate. Each candidate will have his turn for thesis presentation by rotation as per schedule. The candidate will be required to get the Institute ethics committee approval wherever required. Descriptive data collection/Quantitative data analysis should be done as per standard statistical methods and should be guided by a statistician. Presentation of the full project as thesis and also in publishable form, complete with statistical analysis, discussion, study limitations, conclusion, and bibliography. Between 30-34 months, the project should be sent for publication to peer reviewed journals. Presentation of the project work as scientific presentation at national level and at state level mandatory.
74	Memory Clinic	Department of Neurology in association with Department of Psychiatry and Psychology started conducting a Memory Clinic every Wednesday.
Department of Neurosurgery		
75	Clinical Case discussion	All Tuesday morning 8 am to 9 am
76	Preoperative discussion	Monday, Wednesday and Thursday
77	Seminars	Every month second and fourth Saturday, 8 am to 9 am (total 23 seminars in 2016)
78	Medical care review meeting	Our department presented three cases in the combined medical care review meeting in 2016
79	Neuro radiology	Every month first and third Saturday, 8 am to 9 am (total 20 sessions)
80	Journal Club	Every month Second and fourth Friday 8 am to 9 am (total 23 sessions)
81	JNOM Meeting	Once every month, 3 pm to 4 pm

Sl no	Activity	Particulars
Department of Hospital Administration		
82	Audit related activity	Faculty members in the Department are involved in audit activities of hospital like NABH/ISO Audit.
83	MOD	PGs Of Department are involved in medical record audit and MOD rounds.
84	Hospital Projects	PGs undertake non-funded hospital projects towards improving any hospital bottlenecks/problems under the guidance of the faculty member.
85	Block rounds of the hospital	PGs are posted in rotation to various hospital blocks that keep to study functioning and maintenance of the block.
86	Committee activity	Faculty Members and Students are representatives in various committees and involved in action plans taken from time to time
Department of Clinical Embryology		
87	International observership of postgraduate students	Ms Sharma Kashish, Ms Rasquinha Rhea Dee, and Mr Jha Ashok Kumar were offered internship training at University Medical Centre, Groningen headed by Professor EGJM Arts for two weeks from 15 to 18 Feb 2016 (photo 125) Ms Gail Marjorie Fernandes and Ann V Isaac were offered internship training at IVF Lab, Heidelberg University Women's Hospital, Germany from 15 to 18 Feb 2016 (Photo 123)
88	Internship in Nova Pulse IVF Clinic, India	Internship of postgraduate students: Mr Ashok Kumar Jha, Ms Ann Vasamavelil, Ms Rhea Dee Rasquinha, Ms Gail Majorie Fernandes, Mr Supreet Pal Singh and Ms Kashish Sharma were offered internship in various centres of Nova Pulse IVF Clinic in India for three weeks from 8 to 29 Feb 2016.
89	Advanced Skill Set Embryology Training (ASSET) program in Micromanipulation	Conducted the third batch (Six candidates) of Advanced Skill Set Embryology Training (ASSET) Program from 3 to 16 Jan 2016 in Manipal
90	Indo-German Conference	Conducted Indo-German Conference on "Current Trends in Assisted Reproductive Technology from 18 to 20 Mar 2016 (Photo 121)
91	Advanced Skill Set Embryology Training (ASSET) program in Embryology Module	Conducted the fourth batch (Six candidates) of Advanced Skill Set Embryology Training (ASSET) Program from 18 to 30 Apr 2016 in Manipal.
92	ISAR National Training in Clinical Embryology	Conducted the Second batch (Fifteen candidates) of Indian Society for Assisted Reproduction (ISAR) National training program in Clinical Embryology from 6 to 17 Jun 2016 (Photo 124)
93	Sixth Annual workshop on Micromanipulation techniques	Conducted sixth Annual Micromanipulation workshop in Manipal from 18 to 30 Jul 2016 (six candidates participated)
94	Advanced Skill Set Embryology Training (ASSET) program in Micromanipulation Module	Conducted the fifth batch (two candidates) of Advanced Skill Set Embryology Training (ASSET) Program from 12 to 23 Sep 2016 in Manipal
95	Advanced Skill Set Embryology Training (ASSET) program in Micromanipulation Module	Conducted the sixth batch (two candidates) of Advanced Skill Set Embryology Training (ASSET) Program from 17 to 29 Oct 2016 in Manipal (Photo 126)
96	International observership of post graduate students	Ms Sukruthi Bijige and Ms Pooja S Poojary were offered internship training at IVF Lab, Heidelberg University Women's Hospital, Germany from 19 Nov 2016 to 3 Dec 2016 (Photo 122)

Details of guest visit:

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
Department of Anatomy					
1	Dr Manoj Chakravarty	Arabian Gulf University	College of Medical Sciences, Bahrain	Guest Lecture	19 May 2016
Department of Physiology					
2	Dr Anurag Saincher	University of British Columbia Canada	University of British Columbia Canada	Guest lecture on ECG in Ischaemic Heart Disease	27 Sep 2016
Department of Biochemistry					
3	Dr B Shivananda Nayak	The University of the West Indies, Trinidad and Tobago	St Augustine	Guest Talk	14 Jan 2016
4	Dr Biswajit Saha	Joint Director -Medical and Health services, DSP	Biochemistry, Steel Plant Hospital, Durgapur	Guest Talk	16 Dec 2016
5	Radha Srivastava Head of HR, Roche diagnostics	ROCHE Company	ROCHE Company	Guest Talk	22 Nov 2016
Department of Pharmacology					
6	Dr Raviraj N	Centre Head – Stempeutics Research Pvt Ltd Manipal	Stem Cells and its therapeutics	Guest lecture	17 Feb 2016
7	Venkateswari Y Muthukrishnan	Senior Scientific Consultant, Certara Software India Pvt Ltd	Certara Software India Pvt Ltd	Resource person for workshop on “Hands on workshop on PK/ PD modelling”	8–9 Jul 2016
8	Dr Sivaprasad Putlur	Bristol-Myers Squibb Bengaluru		Resource person for CME on	18 Mar 24016
9	Dr Tangamariappan, Bristol-Myers Squibb Bengaluru	Bristol-Myers Squibb Bengaluru		“Pharmacokinetics-concepts and applications”	18 Mar 2016
Department of Pathology					
10	Dr Balbir Singh	St Johns Institute of Dermatology, London	St Thomas Hospital	Guest lecture	4 Feb 2016
11	Dr Vinay Kumar	University of Chicago	The Pritzker Medical School	Guest Lecture	20 Mar 2016
12	Dr Narinder Mehra	AIIMS, New Delhi	AIIMS	Guest Lecture	23 Apr 2016
Department of Immunohematology and Blood Transfusion					
13	Dr Raj Warriar	Ex-Vice Chancellor Manipal University	Children’s Hospital of Michigan, USA.	Blood Transfusion practices in Paediatric Oncology	2 Feb 2016
14	Dr Anju	Manipal University	KMC Manipal	Genetic Variations in Blood group system	4 Mar 2016
15	Dr N K Mithra	AIIMS, Delhi	AIIMS, Delhi	MHC and Immune response	22 Apr 2016
16	Dr Debasish Gupta	SCTIMST	SCIMST	Scope of TM in India	4 May 2016
17	Justice Ram Krishna	High Court Judge Vizag		Medicolegal aspects of donating and transfusing blood	19 May 2016
18	Dr Raj Warriar	Ex-Vice Chancellor Manipal University	Children’s Hospital of Michigan, USA	Blood trans practice in paediatrics	7 Jun 2016
19	Dr Sitalakshmi	RGUHS	St John College Bangalore	Scope of Transfusion specialist in today’s world	26 Oct 2016

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
20	Dr M S Valiathan	Ex-Vice Chancellor, Manipal University	Manipal University	Scientists narrative on the evolution of blood bags	28 Nov 2016
Department of Microbiology					
21	Dr Rakesh Seghal	Prof and Head Department of Parasitology, PG IMER Chandigarh	PG IMER CHANDIGHARH	Parasitology workshop	21 May 2016
22	Dr Kapil Goel	PG IMER Chandigarh	PG IMER Chandigarh	Parasitology workshop	21 May 2017
23	Dr Robert Hall	Enteric and Hepatic Diseases, NIH, Maryland, USA.	Maryland, USA	Gut Microbiome 2016 International conference	21-22 Oct 2016
24	Dr Luisa Vieira Peixe	University of Porto, Portugal	Porto, Portugal	Gut Microbiome 2016 International conference	21-22 Oct 2016
25	Dr Iddyia Karunasagar	Senior International Consultant, FAO, United Nations	FAO, United Nations	Gut Microbiome 2016 International conference	21-22 Oct 2016
26	Dr Keinosuke Okamoto	Professor Emeritus, Okayama University, Japan	Okayama University, Japan	Gut Microbiome 2016 International conference	21-22 Oct 2016
27	Dr Asish K Mukhopadhyay	Scientist E, NICED, Kolkata	NICED, Kolkata	Gut Microbiome 2016 International conference	21-22 Oct 2016
28	Dr Harshad Devarbhavi	Professor and Head, Department of Gastroenterology, St John's Hospital, Bangalore	St John's Hospital, Bangalore	Gut Microbiome 2016 International conference	21-22 Oct 2016
29	Dr Jemima Kingsley	Division In charge, Department of Microbiology, MIOT Hospital, Chennai	MIOT Hospital, Chennai	Gut Microbiome 2016 International conference	21-22 Oct 2016
30	Marina E Eremeeva	Associate Prof of Environmental Health Sciences Director Public Health Core Laboratory Jiann-Ping Hsu College of Public health Georgia Southern University Stateboro Ga 30460-8015	Georgia Environmental Health Sciences Dir Public Health Core Laboratory Jiann-Ping Hsu College of Public health	Virology Workshop, present a special course (Course on Rickettsiae and Rickettsioses including Scrub Typhus)	21 Nov 2016 to 2 Dec 2016
31	Dr Jemima Kingsley	Division In charge, Department of Microbiology, MIOT Hospital, Chennai.	MIOT Hospital, Chennai		21-22 Oct 2016
32	Prof T S Pillay	University of Pretoria, South Africa	Director of Clinical pathology, Faculty of Health sciences	Research Collaboration	Aug 2016
33	Dr Sushil G Devare	Diagnosis and research Abbott laboratories USA		Collaboration	25 Feb 2016
34	Prof Mike Van Driel	Mr Stefan Edward Alfons	Department Head School of Medicine and Mr Stefan Edward Alfons	Research Collaboration	9 Jun 2016

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
35	Dr D S Chauhan	National Institute of Leprosy and other Mycobacterial Diseases Agra	National Institute of Leprosy and other Mycobacterial Diseases Agra	Research Collaboration	24 Sep 2016
36	Mr Krishnamani Jayaraman	IPR, SAMI Labs Limited Bangalore	IPR, SAMI Labs Limited Bangalore	Guest lecturer	6 Dec 2016
Department of Forensic Medicine					
37	Dr Nagesh Pai	Foundation Professor of Psychiatry and Academic Leader Graduate Medicine, faculty of Science, Medicine and Health University of Wollongong/NSW/2522, Australia	Medicine and Health University of Wollongong	Guest lecture on the topic "Forensic Psychiatry" to the Postgraduate students of Forensic medicine and Psychiatry	22 Dec 2016
Department of Community Medicine					
38	Dr Unni Krishnan Karunakara	Assistant Clinical Professor, Mailman School of Public Health, Heilbronn Department of Population and Family Health, Columbia University	Columbia University	Awareness Rising Session on "Mèdecins Sans Frontières/ Doctors without Borders"	11 Jul 2016
39	Dr Madhukar Pai	Department of Epidemiology and Biostatistics, McGill University, Montreal, Canada	McGill University	Addressed PG students and faculty and conducted a talk on the nuances of teaching in Epidemiology	21 Dec 2016
Department of Medicine					
40	Prof K L Gupta Prof and HOD of Nephrology	Chandigarh		Guest Lecture	14 Apr 2016
41	Dr A Ramani, Adjunct Visiting Professor	Columbia Memorial Hospital, Hudson, NY 12534 and Medical Director, Columbia County Department of Health, New York		To give Guest lecture for PG and UG	14 Nov 2016
42	Dr A Shenoy Vasant Vasudev Staff Specialist endocrinology and Diabetes	Townsville Hospital, QLD	Australia	PG talk on Diabetes	14 Dec 2016
43	Christopher 'Sola Olopade, MD, MPH	Clinical Director, Global Health Initiative, The University of Chicago Medicine, 5841 S Maryland Avenue, MC 6076, Chicago, IL 60637	Chicago		9 Jan 2016
44	Dr Chandra	Professor of Neurology, NIMHANS, Bangalore		Guest Lecture	17 Jan 2016
45	Dr Nataraj	Consultant haematologist, Narayana Multispecialty Hospital Bangalore		Guest Lecture	16 Jan 2016
Department of Gastroenterology					
46	Dr A J Joseph	Christian Medical College, Vellore	Christian Medical College, Vellore	PhD defence viva examination	3 Dec 2016

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
Department of Nephrology					
47		Department of Nephrology and Urology	KMC, Manipal	CME on Kidney Transplant	7 Feb 2016
48		Department of Nephrology	KMC, Manipal	CME on paediatric kidney disease	9 Mar 2016
49	Dr Ravishankar Bonu	Consultant, Department of Nephrology	Manipal Hospital, Bangalore	Talk on Experience on Everolimus	25 Mar 2016
50	Dr Gurudev	Professor and HoD Department of Nephrology	MS Ramaiah, Bangalore	Talk on Induction therapy in renal transplant	25 Mar 2016
51	Dr Ravishankar Bonu and Dr Gurudev	Consultant, Department of Nephrology, Professor and HoD	Manipal Hospital, Bangalore and MS Ramaiah, Bangalore	Case discussion, Nephrology Seminar room	26 Mar 2016
52	Dr K L Gupta	Professor and HoD Department of Nephrology	PGIMER Chandigarh	Electrolyte disorders	14 Apr 2016
53	Dr K L Gupta	Professor and HoD Department of Nephrology	PGIMER Chandigarh	Antibody mediated Rejection	15 Apr 2016
54	Dr Narendra Mehra	Professor and HoD Department of Pathology	AllMS, New Delhi	Introduction to Immune system and HLA	22 Apr 2016
55	Dr Narendra Mehra	Professor and HoD Department of Pathology	AllMS, New Delhi	Cross match, HLA typing and rejection in Kidney transplantation	23 Apr 2016
56	Dr Ravishankar Bonu	Professor and HoD Department of Nephrology	Manipal Hospital, Bangalore	Mock Exam	18 Jun 2016
57	Dr Anupama Y J	Nephrologist,	Shivamogga	Mock Exam	18 Jun 2016
Department of Paediatrics					
58	Dr Raj Warriar	Tulane University	USA	Guest Lecture	2 Feb 2016 and 9 Jun 2016
59	Dr Naveen Salins		Tata Memorial Hospital Mumbai	Guest Lecture	8 Nov 2016
60	Dr Vishwanath Prabhu		Children's Hospital of Austin	Guest Lecture	26 Dec 2016
Department of Dermatology, Venereology and Leprosy					
61	Dr Balbir Singh Bhogal, Former chief scientist		Immunodermatology laboratory, St John's institute of Dermatology, Guy's and St Thomas' hospital, London, (UK)	Adjunct faculty member	24 Jan 2016 – 29 Feb 2016
62	Dr Deepak Parikh, Prof and Head (Ex IADVL President)	Maharashtra University of Health Sciences	Department of Paediatric Dermatology, Bombay Hospital, Mumbai	Guest lecture in CME	25 Sep 2016
63	Dr Arun Inamdar, Prof and Head (IADVL – KN President)	BLDE University, Bijapur	Department of Dermatology, Shri B M Patil Medical College, Bijapur	Guest lecture in CME	25 Sep 2016

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
64	Dr MK Shetty, Dermatologist		Dr Shetty Aesthetics, Bangalore	PG Guest lecture series	15 May 2016
65	Dr Apratim Goel, Director (MU Alumni)		Cutis clinics, Mumbai	Guest lecture and workshop on LASER	20 Mar 2016
66	Dr Lakshmisha Chandrashekhar, Professor		Department of Dermatology JIPMER, Pondicherry	Guest lecture in CME	27 Mar 2016
67	Dr Seethalakshmi, American board- certified physician, Assistant Professor	University of South Florida, USA	Division of Infectious disease, University of South Florida, USA	PG Guest lecture series	11 May 2016
68	Dr Najeeba Riyaz, Professor	Kerala University of Health Sciences (KUHS)	Department of Dermatology, Calicut Medical College, Calicut	Guest lecture in CME	25 Sep 2016
69	Dr Abhishek De, Associate Professor (MU Alumni)	West Bengal University of Health Sciences	Department of Dermatology, IPGMER and SSKM Hospital, Kolkata	PG Guest lecture series	6 Feb 2016
70	Dr Nirmal B Assistant Professor (MU Alumni)	Tamil Nadu Dr MGR Medical University	Department of Dermatology, CMC, Vellore	Guest lecture in CME	27 Mar 2016
Department of Psychiatry					
71	Dr Sandip Deshpande	Manipal University	KMC, Bangalore	Guest Lecture	22 May 2016
72	Dr Maju Mathew	George Washington University school of Medicine and Health Sciences,	George Washington University school of Medicine and Health Sciences,	Guest Lecture	3-4 Aug 2016
73	Dr Vivek Pattan	Forth Valley Royal Hospital	Forth Valley Royal Hospital	Guest Lecture	11 Jul 2016
74	Dr CS Sanjay, Associate Professor	The Commonwealth Medical College		Guest Lecture	13 Dec 2016
75	Dr Rishikesh V Behere	Kem Hospital		Guest Lecture	10 Aug 2016
76	Dr Nagesh Pai, Professor of Psychiatry	University of Wollongong		Guest Lecture	15-21 Dec 2016
Department of Respiratory Medicine					
77	Dr Mirle R Girish MD	Tennessee Medical Council - USA	Indian Path Hospital, Kingsport, Tennessee, USA	Visited Department of Neurology and came to the Pulmonary Medicine Department also For Guest Lecture on Sleep Disorder	8 Jan 2016
Department of Orthopaedics					
78	Dr Varaprasad G Adjunct Professor	Chicago University, Chicago	Chicago University	Guest lecture on "Hip preservation in adolescent patients"	30 Nov 2016
79	Dr Chirag Bhalvani,	Surat, Gujarat		To deliver guest lecture and observer	2-7 May 2016

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
80	Dr Jaap Willems	Netherlands		Guest lecture	27 Jan 2016
81	Dr Vasudeva Aithal	(Oman)	Ministry of Health Oman	Guest lecture	2-3 Jan 2016
82	Dr Vasudeva Pai	(New Zealand)		Guest lecture	2-3 Jan 2016
83	Dr B C Navadgi	UK	NHS, UK	Guest lecture	2-3 Jan 2016
84	Dr Kishore Malpuri	Canada	University of British Columbia	Guest lecture	2-3 Jan 2016
85	Prof Gregory Thomas	France		Live Surgery	13 Sep 2016
86	Mr Peter Parminter	France		Live Surgery	13 Sep 2016
Department of Ophthalmology					
87	Dr Ashish Bansal	Medical Director, Cornea, Cataract and refractive Surgery, Centre for sight, Hyderabad		Guest lecture to postgraduate students	7-8 Mar 2016
88	Dr Bharath Raja Guru	Manipal	Department of Biotechnology, MIT, Manipal.	Guest lecture to postgraduate students	21 Mar 2016
Department of ENT					
89	Dr Vijayendra H	Bangalore	ENT	Otology Workshop	5 Mar 2016
90	Dr Shankar Medikeri	Bangalore	ENT	Otology Workshop	5 Mar 2016
91	Dr Ravi Ramalingam	Chennai, Tamil Nadu	ENT	Otology Workshop	5 Mar 2016
92	Dr PSN Murthy	Vijayawada	ENT	Otology Workshop	5 Mar 2016
93	Dr Prepagaran Narayana	Malaysia	ENT	Otology Workshop	5 Mar 2016
94	Dr Kiran Bhojwani	Mangalore	ENT	Otology Workshop	5 Mar 2016
95	Dr RN Patil	Belgaum	ENT	Otology Workshop	5 Mar 2016
96	Dr Satish Bhandary	Mangalore	ENT	Otology Workshop	5 Mar 2016
97	Dr Girishraj	Perianthalmanna	ENT	Otology Workshop	5 Mar 2016
Department of Obstetrics and Gynaecology					
98	Annekathryn Goodman	Harvard Medical School,	Kidwai	Guest speaker	21 Feb 2016
99	Dr G Arun Kumar, Professor	Manipal Centre for Virus research	KMC	Guest speaker	5 May 2016
100	Dr Mohan Kamath	CMC	Vellore	Guest speaker	9 May 2016
101	Dr Muralidhar Varma	Kasturba Hospital	KMC	Guest speaker	23 Jun 2016
102	Dr Sareena Gilvaz	Jubilee Mission Medical College and Research Institute	Trissur	Guest speaker	24 Jul 2016
103	Dr Vivek M Joshi	KEM Hospital	Pune	Guest speaker	18 Sep 2016
104	Dr Gowrishankar Paramasivam	Imperial College	London	Guest speaker	5 Oct 2016
105	Dr Ruby Ruprai	--	Dubai	Guest speaker	10 Dec 2016
106	Dr Rajani	PC PNDT Cell	Bangalore	Guest speaker	17 Dec 2016
107	Dr Rohini	DHO	Udupi	Guest speaker	17 Dec 2016

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
Department of Anaesthesiology					
108	Dr Krishnakar M V	Manchester, UK		Guest Lecture	10 Sep 16
109	Dr Sujatha Bhandary, Assistant Professor	Columbus Ohio		Guest Lecture	29 Nov 2016
Department of Radiodiagnosis					
110	Dr Umesh Rudrapatna	Yale School of Medicine, USA	Yale School of Medicine, USA	Resource Person	10 Feb 2016
111	Dr Indrajit Saha	Philips, Gurgaon	Philips Research	Resource person	10 Feb 2016
112	Dr Ashwini Harakara		Volmo Pvt Ltd Pune	Resource person	10 Feb 2016
113	Dr Kumar Sanjay		Philips Research, Bengaluru	Resource person	10 Feb 2016
114	Dr N Ishwar Chandra	Virinchi Hospital, Hyderabad, Telangana	Radiodiagnosis and Imaging	Resource person	25 Sep 2016
115	Dr Vijay Bhaskar Nori	Chief Radiologist, Vista Imaging and Medical Centre, Hyderabad	Radiodiagnosis and Imaging	Resource person	25 Sep 2016
116	Dr Devdas Acharya	Prof and Head, Yenepoya Medical College, Mangalore	Radiodiagnosis and Imaging	Resource person	25 Sep 2016
117	Dr Vijay Bhaskar Nori	Chief Radiologist, Vista Imaging and Medical Centre, Hyderabad	Radiodiagnosis and Imaging	Resource person	25 Sep 2016
Department of Cardiology					
118	Dr Prabhavathi	Sri Jayadeva Institute of Cardiology	Bangalore		2 Dec 2016
119	Dr Shivashankar	Sri Chitra Tirunala Institute of Medical Sciences	Trivandrum		13 Dec 2016
Department of Urology					
120	Dr K Sasidharan	Adjunct Professor of Manipal University and Urologist, Kerala Institute of Medical Sciences, Kerala		Teaching program	15 – 20 Feb 2016
121	Dr K Sasidharan			Manipal, Mangalore Academic program (CME on Paediatric Urology)	7 Feb 2016
122	Dr Deepak Dubey	Adjunct Professor of Manipal University and Consultant Urologist, Manipal Hospital Bangalore		Teaching Program (For demonstration of Lap Radical Prostatectomy)	30 Aug 2016
123	Dr K Sasidharan	Adjunct Professor of Manipal University and Urologist, Kerala Institute of Medical Sciences, Kerala		Academic program	2–8 Nov 2016
Department of Neurology					
124	Dr Pitchaiah Mandava	Baylor College of Medicine, Houston, Texas, USA	Baylor College of Medicine, Houston, Texas, USA	Guest lecture titled “New clinical trials in stroke therapy”	16 Jan 2016
125	Dr Kurupath Radhakrishnan	Adjunct Professor of Manipal University	In charge – Epilepsy Program, AIMS, Kochi.	EEG and VEEG supervision. Consulted for epilepsy patients; Mentored junior faculty; Discussion with DM (Neuro) Registrars and PhD students	27–30 Jul 2016

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
126	Dr S Murali	Manipal University	Consultant Neurologist, Department of Neurology, Manipal Hospital, Bangalore	Delivered a lecture titled "Acute Stroke Intervention"	20 Oct 2016
Department of Neurosurgery					
127	Dr Vani Santhosh		NIMHANS, Bangalore	CME	27 Aug 2016
128	Dr Hari Menon		Tata Memorial Hospital, Mumbai	CME	27 Aug 2016
129	Dr Bejoy Thomas		SCTIMST, Trivandrum	CME	27 Aug 2016
130	Dr George Vilanilam		SCTIMST, Trivandrum	Workshop	24 Sep 2016
131	Biji Bahuleyan		KIMS Hospital, Trivandrum	Workshop	24 Sep 2016
Department of Hospital Administration					
132	Dr Aloysius Sequeira	NITK Surathkal	School of Management	Guest Talk	19 Jul 2016
133	Dr Prof Supten Sarbadhikari	New Delhi	Project director Centre for Health Informatics of the National Health Portal, New Delhi.	Guest Talk	30 Jul 2016
134	Mr Sudhakar Prabhu	Manipal University	Kasturba Hospital Manipal	Guest Talk	19 Sep 2016 - 26 Sep 2016
Department of Medical Genetics					
135	Nathan Nakatsuka	MD PhD, Department of Genetics, Harvard Medical School, Daniel C Tosteson Medical Education Center, 260 Longwood Avenue, Suite 168, Boston, MA 02115		Collaboration	7-8 Jun 2016
136	Brittany L Henson	Genetic Counselling Student University of Arkansas for Medical Sciences		Visitor on campus	26 Jul-10 Aug 2016
137	Stephanie Bielas	Assistant Professor, Department of Human Genetics, Ann Arbor, MI 48109-2054, USA		Guest Lecture and Collaboration	26 Aug-03 Sep 2016
138	Dr Usha Kini	Department of Clinical Genetics, Churchill Hospital University of Oxford, Headington		Collaboration	29-30 Aug 2016
139	Yasemin Alanay	Professor, Child Health and Diseases Department of Education Paediatric Genetics Unit, Department of Paediatrics, Acibadem University School of Medicine, Turkey		Conference	1-2 Dec 2016
140	Uwe Kornak	Professor, Berlin-Brandenburg Centre for Regenerative Therapies and Institute for Medical Genetics and Human Genetics, Charité Universitätsmedizin Berlin, Campus Virchow Klinikum, Augustenburger Platz 1, 13353 Berlin, Germany		Conference	1-2 Dec 2016
141	Kerstin Kutsche	Professor, Institut für Humangenetik Universitätsklinikum Hamburg-Eppendorf, Campus Forschung, Martinstraße 52 D-20246 Hamburg, Germany		Conference	1-2 Dec 2016

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
142	Geert Mortier	Professor, Department Medical Genetics, Prins Boudewijnlaan 43/6, B-2650 Antwerp (Edegem), Belgium		Conference	1–2 Dec 2016
143	Andrea Superti-Furga	Professor, University of Lausanne; Head, Division of Genetic Medicine, Centre Hospitalier Universitaire Vaudois (CHUV) 1011 Lausanne, Switzerland		Conference	1–2 Dec 2016
1444	Sheila Unger	Master of Clinical Education and Research, Division of Genetic Medicine, Centre Hospitalier Universitaire Vaudois (CHUV) 1011 Lausanne, Switzerland		Conference	1–2 Dec 2016
Department of Clinical Embryology					
145	Dr Stefan Schlatt	University of Munster, Germany	Centre of Reproductive Medicine and Andrology	Adjunct faculty (Teaching and research)	18–20 Mar 2016
146	Dr Marcos Meseguer	Científico FIV – DGM Laboratorio FIV	IVI Valencia, Spain	Participated in hands on workshop	18–20 Mar 2016
147	Dr Riccardo Talevi	University of Naples Federico II Naples, Italy	Centre of Reproductive Medicine and Andrology	Adjunct faculty (teaching and research)	18–20 Mar 2016
148	Dr Friederike Macke	University Hospital Muenster, Germany	Centre of Reproductive Medicine and Andrology	Guest	18–20 Mar 2016
149	Dr Katharina Schulte	University of Muenster, Germany	Centre of Reproductive Medicine and Andrology	Guest	18–20 Mar 2016
150	Dr H Ingolf Nielsen	Aalborg University, Denmark		Guest	18–20 Mar 2016
151	Dr Jens Erik Dietrich	Heidelberg University Hospital, Germany	Centre of Reproductive Medicine and Andrology	Guest	18–20 Mar 2016
152	Dr Judith Menezes	Karolinska Institute, Stockholm, Sweden	Kerolinska Institute, Stockholm Sweden	Research collaboration/Teaching	25–27 Apr 2016
153	George Korula	Bangalore Baptist Hospital, Bangalore		Faculty, Indo-German conference	18–20 Mar 2016
154	Dr Sadhana Desai	Bombay Hospital Institute of Medical Sciences,		Faculty, Indo-German conference	18–20 Mar 2016
Department of Medical Education					
155	Dr Vinay Kumar,	University of Chicago		Collaboration	18 Mar 2016
156	Dr Tamkin Rabbani,	Aligarh Muslim University, UP	Jawaharlal Nehru Medical College	Collaboration	18 Mar 2016
157	Dr Scott Stern,	University of Chicago	Pritzker School of Medicine	Collaboration	20 Mar 2016
158	Dr Manoj Chakravarty	Arabian Gulf University, Bahrain	College of Medicine and Medical Sciences	Visitor on Campus	19 May 2016

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
159	Dr Sandeep Gurbaxani	University of Chicago		Collaboration	12 Sep 2016
160	Dr Melissa Fischer	University of Massachusetts Medical School		Visitor on Campus	29 Nov 2016
161	Professor Nagesh Pai	University of Wollongong, Australia	Graduate School of Medicine, Faculty of Science, Health and Medicine	Visitor on Campus	23 Dec 2016

Details of publications:

National		International	
Indexed	Non - Indexed	Indexed	Non - indexed
181	37	415	59

Conferences attended by institution faculty and students:

	National	International
Faculty	629	130
Students	507	43

Details of conferences/workshops conducted by the institution:

Particulars	National	International
CME/CDE	44	0
Conferences	5	4
Workshops	45	1
Seminars	6	0
Others	35	2

Books/chapters authored by faculty members:

Sl no	Name of the Book	Chapter/s name	Faculty members	Publisher
Department of Pharmacology				
1	Pharmacology for Nurses: Second Edition 2016		Tara Shanbhag, Smita Shenoy and Veena Nayak	Elsevier
Department of Microbiology				
2	"Fungal Biology series on Molecular Markers in Mycology – Diagnostics and Marker Developments	Chapter: Taxonomic Updates with Key Focus on Medically Important Aspergilli	Dr Prakash P Y	Springer International Publishing
3	"Fungal Biology series on Molecular Markers in Mycology - Diagnostics and Marker Developments"	Chapter: Current Approaches towards Development of Molecular Markers in Diagnostics of Invasive Aspergillosis	Dr Prakash P Y	Springer International Publishing
4	A global concern for the book titled – Antibiotic Resistance – Epidemiology, mechanisms and new antimicrobial approaches	Trends in antimicrobial resistance among enteric pathogens	Dr Mamatha Ballal	Elsevier publications
Department of Forensic Medicine				
5	Forensic Medicine – Preparatory manual for Undergraduate	Forensic toxicology	Dr Ashwini Kumar, Associate Professor	Elsevier, India
Department of Paediatrics				
6	IAP NNF	Protocols in Neonatology	Dr Leslie E Lewis	Jaypee
7	IAP NNF	Delayed passage of Meconium, delayed Urine in New born	Dr Leslie E Lewis	Jaypee

Sl no	Name of the Book	Chapter/s name	Faculty members	Publisher
Department of Dermatology, Venereology and Leprosy				
8	Complications in Cosmetic Dermatology Crafting cures	Chapter 4: Complications in Erbium Lasers	Dr Sathish B Pai and Dr Sudhir Nayak UK	Jaypee Brothers, New Delhi
9	Autoimmune Bullous Disorder	Chapter 25: Photodermatoses.	Dr Sathish B	Jaypee Brothers, New Delhi
10	Autoimmune Bullous Disorder	Chapter 9: Autoimmune Bullous Disorder	Dr Raghavendra Rao	Jaypee Brothers, New Delhi
Department of Psychiatry				
11	Handbook of psychodermatology	Primary Psychiatric disorders - cutaneous manifestations	Dr Ravindra M and Dr Avinash Kamath	Jaypee Publishers
Department of Orthopaedics				
12	Kulkarni's Textbook of Orthopaedics and Trauma 3rd Edition New Delhi.	Hand Infections	Dr Anil K Bhat	Jaypee
13	Patellofemoral instability (76-81) New Delhi	Complications after MPFL surgery: tips and pearls for prevention of complication and successful MPFL reconstruction	Dr Vivek Pandey	Jaypee
14	Kulkarni's Textbook of Orthopaedics and Trauma 3rd Edition (2108-2125). New Delhi	Rotator cuff tears	Dr Vivek Pandey	Jaypee
15	Kulkarni's Textbook of Orthopaedics and Trauma, Third Edition, New Delhi	Abnormal Gait - 3025	Dr Hitesh Shah	Jaypee
16	Kulkarni's Textbook of Orthopaedics and Trauma, Third Edition, New Delhi	Congenital Talipes equinovarus (Management of club foot - 3042	Dr Hitesh Shah	Jaypee
17	Kulkarni's Textbook of Orthopaedics and Trauma, Third Edition, New Delhi	Neonatal septic arthritis - 3112	Dr Hitesh Shah	Jaypee
18	Kulkarni's Textbook of Orthopaedics and Trauma, Third Edition, New Delhi	Perthes' disease - 3216	Dr Hitesh Shah	Jaypee
19	Kulkarni's Textbook of Orthopaedics and Trauma 3rd Edition New Delhi.	Hand Infections	Dr Anil K Bhat	Jaypee
20	Patellofemoral instability (76-81) New Delhi	Complications after MPFL surgery: tips and pearls for prevention of complication and successful MPFL reconstruction	Dr Vivek Pandey	Jaypee
21	Kulkarni's Textbook of Orthopaedics and Trauma 3rd Edition (2108-2125). New Delhi	Rotator cuff tears	Dr Vivek Pandey	Jaypee
22	Kulkarni's Textbook of Orthopaedics and Trauma, Third Edition, New Delhi	Abnormal Gait - 3025	Dr Hitesh Shah	Jaypee
23	Kulkarni's Textbook of Orthopaedics and Trauma, Third Edition, New Delhi	Congenital Talipes equinovarus (Management of club foot - 3042	Dr Hitesh Shah	Jaypee

Sl no	Name of the Book	Chapter/s name	Faculty members	Publisher
24	Kulkarni's Textbook of Orthopaedics and Trauma, Third Edition, New Delhi	Neonatal septic arthritis - 3112	Dr Hitesh Shah	Jaypee
25	Kulkarni's Textbook of Orthopaedics and Trauma, Third Edition, New Delhi	Perthes' disease - 3216	Dr Hitesh Shah	Jaypee
26	Kulkarni's Textbook of Orthopaedics and Trauma 3rd Edition New Delhi.	Hand Infections	Dr Anil K Bhat	Jaypee
27	Patellofemoral instability (76-81) New Delhi	Complications after MPFL surgery: tips and pearls for prevention of complication and successful MPFL reconstruction	Dr Vivek Pandey	Jaypee
28	Kulkarni's Textbook of Orthopaedics and Trauma 3rd Edition (2108-2125). New Delhi	Rotator cuff tears	Dr Vivek Pandey	Jaypee
29	Kulkarni's Textbook of Orthopaedics and Trauma, Third Edition, New Delhi	Abnormal Gait - 3025	Dr Hitesh Shah	Jaypee
Department of Ophthalmology				
30	Uveitis: An Update Editors: Jyotirmay Biswas, Parthoprattim Dutta Mujumder	Ocular Parasitic Infections Edition: First January 2016 Authors: SR Rathinam FAMS, PhD, Yogish Kamath MS	Dr Yogish S Kamath	Springer
Department of Obstetrics and Gynaecology				
31	Holland and Brew's Manual of Obstetrics	Fourth Edition Text Book	Dr Muralidhar V Pai	Elsevier; Jan 2016
32	"A Practical Guide to Third Trimester of Pregnancy and Puerperium"	Chapter on - Disorders of Foetal growth	Dr Pratap Kumar	Jaypee Brothers Medical Publishers Pvt Ltd
33	"A Practical Guide to Third Trimester of Pregnancy and Puerperium"	Chapter on "Abnormal labour"	Dr Muralidhar V Pai	Jaypee Brothers Medical Publishers Pvt Ltd
34	Text Book on Obstetrics and Gynaecology – Prep manual for undergraduates	First Edition	Dr Muralidhar V Pai and Dr Shripad Hebbar	Publisher Elsevier
Department of Anaesthesiology				
35	Principles of Anaesthesia Equipment	Simulation in Anaesthesia	Dr Ramkumar Venkateswaran	Jaypee Brothers Medical Publishers Pvt Ltd
Department of Neurology				
36	Clinical EEG (in press)	Periodic discharges	Dr Jayakrishnan C and Dr Kurupath Radhakrishnan	Manipal University Press.
Department of Clinical Embryology				
37	Chettinad book	Fertility Preservation in Men and prepubertal boys	Dr Satish Kumar Adiga, Dr Guruprasad Kalthur and Mrs Shubhashree U	Springer publication

Details of research grants:

Sl no	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)
Department of Anatomy				
1	Evaluation of the mechanisms involved in wound healing properties of topical application of few Indian traditional medicinal preparations – Histopathological, biochemical, cellular, molecular and biomechanical analysis	Dr Kumar M R Bhat	SERB/DST	2,00,000
2	Functional, cellular and molecular evaluation of hepatoprotective property of caesalpenia bonduc (Kantakikaranjah) – an in vivo and in vitro study	Dr Kumar M R Bhat	ICMR	2,86,691
Department of Physiology				
3	Electrophysiological and clinical correlates of facial emotion recognition in schizophrenia versus bipolar disorder	Dr Kirtana Reghurama Nayak	Department of Science and Technology	14,59,000
Department of Biochemistry				
4	Comparison of RBC acetylcholinesterase activity with RBC indices.	Dr Krishnananda Prabhu	Manipal STS	10,000
5	Evaluation of serum sialic acid and PSA as tumour markers to distinguish benign from malignant prostatic lesions in a rural population	Dr Shobha U Kamath	ICMR	10,000
6	Does the LDL size predict the risk of cardiovascular or coronary artery disorders? A cross sectional study.	Dr Revathi P Shenoy	Manipal STS	10,000
7	Estimation of serum copper and zinc in diabetic and non-diabetic subjects.	Dr Vijetha Shenoy B	PG Research Grant	10,000
8	Correlation of serum high sensitive C-reactive protein and homocysteine levels with Framingham risk score in hypothyroid females.	Dr Ravindra Maradi	PG Research Grant	10,000
Department of Pharmacology				
9	“Influence of ageless liquid with and without Piperine on gentamicin induced nephrotoxicity in Wistar rats”	Dr K L Bairy	Apex lab Chennai	4,44,546
10	“Influence of ageless liquid with and without Piperine on sodium Iodate-induced retinal Degeneration in Sprague-Dawley rats”	Dr K L Bairy	Apex lab Chennai	4,44,546
11	Acute and long-term safety evaluation of Ageless liquid in Wistar rats	Dr K L Bairy	Apex lab Chennai	1,21,848
12	Influence of Pyridoxamine, Benfotiamine, Resveratrol and Ageless liquid on blood glucose level in streptozocin-nicotinamide induced diabetic Sprague Dawley rats.	Dr K L Bairy	Apex lab Chennai	1,21,848
13	Influence of Pyridoxamine, Benfotiamine, Resveratrol and Ageless liquid on obesity and hyperlipidaemia in high fat diet fed Sprague Dawley rats.	Dr K L Bairy	Apex lab Chennai	1,21,848
14	Evaluation of efficacy, acute and sub-acute toxicity of NW 516 in rats	Dr Smita Shenoy	Ayurwin pharma Pvt ltd, Bangalore	63,250

Sl no	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)
Department of Immunohematology and Blood Transfusion				
15	Attitude towards blood donation – a comparative KAP Survey between MBBS and BDS Students of Manipal University	Shreya Mathur (MBBS) and Dr Manish Raturi (Assistant Professor)	Indian Council of Medical Research New Delhi (STS March-2016)	10,000
16	Optimising Disinfection Protocol for Donor Arm Cleaning prior to Whole Blood Donation	Dr Manish Raturi (Assistant Professor)	Science and Engineering Research Board, New Delhi	45,00,000
Department of Microbiology				
17	A study to compare Restriction Fragment Length Polymorphism, Spoligotyping and VNTR-MIRU typing for complete molecular characterisation of M tuberculosis isolated from pulmonary tuberculosis cases in Udupi District, Karnataka	Dr Kiran Chawla	ICMR	20,36,644
18	Detection of Mycobacterium tuberculosis specific host mi RNA marker for diagnosis of extra	Dr Kiran Chawla and Dr K Satyamoorthy (School of Life Sciences)	MAC ID	1,00,000
19	Tuberculosis Elimination	Dr Kiran Chawla	Dr TMA Pai Endowment Chair	--
20	A Clinico-microbiological, Environmental and Molecular approach to explore the epidemiology of neglected disease Melioidosis	Dr Chiranjay Mukhopadhyay	ICMR	39,98,98200 (Completed on 31 Dec 2016)
21	Assessment of the expression of bacterial proteins and its correlation with the clinical presentations of acute and chronic form of Brucellosis	Dr Chiranjay Mukhopadhyay	DRDE	10,00,000
22	Capacity Building and Strengthening of Hospital Infection Control to Detect and Prevent Antimicrobial Resistance in India	Dr Chiranjay Mukhopadhyay	CDC	52,50,000
23	Anti-Microbial Stewardship	Dr Vandana K E	Dr TMA Pai Endowment Chair	--
24	Understanding the genetic basis of biofilm formation in Candida species with reference to role in pathogenesis and resistance to antifungal drugs.	Dr Mamatha Ballal	ICMR	10,00,000
25	Design synthesis and evaluation of diphenyl based pyridine derivatives as antitubercular agents	Dr Vishnu Prasad S (Co-investigator) (Investigator: Gautham Pai)	DBT	14,08,000
26	Estimate the burden of TB in tribal population and develop an innovate health system model to strengthen TB control in the tribal areas of Gujarat State	Dr Vishnu Prasad S (Co-investigator)	ICMR	Applied and awaiting approval 9,84,88,137
27	Understanding the genetic basis of biofilm formation in Non-Candida Albicans Candida (NCAC) species with special reference to role in pathogenesis and resistance to anti-fungal drugs	Principal Investigator Dr MamathaBallal Co-investigator Dr Mukyaprana Prabhu	ICMR	10,000,00

Sl no	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)
28	Clinico-microbiological observational study of bloodstream infections in the ICUs for the better management of patients and hospital infection control.	Soumayan Mondal, Barnini Banerjee	ICMR STS PROJECT-2016	--
29	"Multicentre observational study on epidemiology, treatment and outcome of Mucormycosis in India – A national collaborative network on mucormycoses"	Peralam Yegneswaran Prakash	Fungal Infection Study Forum (FISF)	10,00,000
30	'Skin microbial ora alterations associated with type 2 diabetes mellitus: a case control study in a tertiary care hospital in South India.'	Peralam Yegneswaran Prakash (Guide)	ICMR Short Term Studentship (STS)	--
31	Microbiological profile of chronic osteomyelitis with special emphasis on anaerobic osteomyelitis in tertiary care hospital	Dr Padmaja A Shenoy, Dr Shyamsunder Bhat, Dr Hithesh, Dr Shashidhar V and Dr Chiranjay Mukhopadyay	Manipal University Seed money	25,000 Not received
32	Comprehensive study on detection of Plasmodium species and drug resistance in malaria	Dr Sukrita Ayer (Dr Kiran Chawla)	ICMR	25,0000 (Received 15,000)
Department of Community Medicine				
33	A community based assessment of visual, hearing and psycho-social morbidities among geriatric population in coastal Karnataka, India	Dr Ranjitha Shetty	ICMR	6,55,942
34	Screening for human papilloma virus and other ICMR DNA view infections of the cervix among tribal women in southern India	Dr Ranjitha Shetty	ICMR	17,62,359
35	Phase III Multicentre, Randomised, double – Blind placebo controlled study to evaluate the efficacy and safety of live attenuated bovine-Human Rota virus Reassortant pentavalent vaccine (BRV-PV) against severe Rota Virus Gastroenteritis in Healthy Indian infants.	Dr Veena G Kamath	SIIL-PATH	1,62,07,676.16
36	A Multicentre prospective community based surveillance to estimate the burden of rotavirus gastroenteritis in children less than 24 months of age in India (BRV07)	Dr Avinash Shetty	Shantha Biotech	7,47,900
37	A phase III Study to evaluate Immune Non-Inferiority and safety of the All in One Liquid formulation of a Live Attenuated Tetravalent (G1-G4) Bovine-Human Reassortant Rotavirus vaccine (BRV-TV) to a licensed vaccine Rotateq when administered concomitantly with other routinely recommended vaccines for the age. (BRV10)	Dr Avinash Shetty	Shantha Biotech	3,63,198
Department of Medicine				
38	Point of car Ultrasound for the Diagnosis of Extra Pulmonary Tuberculosis in Manipal (POCUS ETI)	Dr Kavitha Saravu	DAAD (German Academic Exchange Service)	1,43,746 (Euros 2000)

Sl no	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)
39	ICMR young diabetes registry	Dr Sudha Vidyasagar	ICMR	5,00,000
40	Health device prototype development Phase 1 and 2	Dr Raviraja V Acharya	Intel India	13,00,000
Department of Gastroenterology				
41	"Thiopurine Therapy in Inflammatory Bowel Diseases: Optimising Existing Strategies"	Dr Ganesh Pai C	DST	23,79,528
Department of Nephrology				
42	"Effect on Oxidative stress and inflammation in Chronic Kidney Disease Patients – A comparative study between Iron sucrose and ferric Carboxymaltose"	Dr Shankar Prasad N	Manipal University	25,000
43	"Role of Urine NGAL and NGAL/creatinine ratio in predicting Acute Graft dysfunction in post renal transplant recipients"	Dr Dharshan R	Manipal University	25,000
Department of Paediatrics				
44	"Comparing the efficacy, safety and cost effectiveness of caffeine versus aminophylline for apnoea of prematurity in Indian neonates" Prospective RCT	PI – Dr Leslie Lewis	ICMR	11,71,800 per year × 3Yr
45	Effectiveness of Instrumental Indian Classical Music on Serum Cortisol Concentrations of Pre-Term Infants on Assisted Ventilation Admitted to a tertiary level Neonatal Intensive Care Unit KMCH Prospective RCT	PI – Dr Leslie Lewis	ICMR	2,42,700 Per year × 3Yr
46	Cyber vitals monitoring in neonates	Co PI – Dr Leslie Lewis	Xerox research centre, Webster, New York	10,00,000 Per year × 3Yr
47	Non-invasive spectral monitoring of blood glucose in neonates	PI – Dr Leslie Lewis	Xerox research centre, Webster, New York	15,00,000
48	Determinants of Neonatal Pneumonia and the factors associated with mortality of Neonatal Pneumonia: A Systematic Review combined with Qualitative Research Approach	Co PI – Dr Leslie L	The INCLEN Trust	46,00,000
Department of Dermatology, Venereology and Leprosy				
49	Clinical study protocol of Methotrexate Tablet USP 25mg under fasting conditions	Dr Sathish Pai B	ECRONACUOVA	
50	A multicentric, prospective and retrospective study of SJS, TEN and SJS-TEN overlap in Indian scenario	Dr Shricharith Shetty	GALDERMA	
51	A prospective study on serum antibodies against target antigens of bullous autoimmune diseases and genetic susceptibility	Dr Raghavendra Rao	Collaboration with Department of Dermatology, University of Luebeck, Germany	
Department of Psychiatry				
52	Mood Stabiliser Plus Antidepressant versus Mood Stabiliser Plus Placebo in the Maintenance Treatment of Bipolar Disorder	Dr P S V N Sharma	Canadian Institutes of Health Research (equivalent to ICMR)	4,79,000

Sl no	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)
Department of Surgery				
53	"Diabetic foot infections – developing microchips to recognize bacterial resistance to antibiotics"	Dr K Satyamoorthy Dr L Ramachandra	German University	As per MLSC
Department of Paediatric Surgery				
54	Fertility preservation in cancer affected prepubertal boys: An experimental approach using testicular tissue cryopreservation	Dr Sathish Adiga Dr Vijay Kumar Dr K Guruprasad Dr Krishnaprasad and Dr Srikanth Hebbar	Intramural Funding	25,000 USD
Department of Orthopaedics				
55	Hastha	Dr Anil K Bhat	Manipal University	10,00,000
Department of Ophthalmology				
56	Biodegradable Sustained Drug Delivery via Intraocular Lens for Post Cataract Treatment	Dr Bharath Raja Guru, Associate Professor and Head, Department of Biotechnology, Manipal Institute of Technology, Manipal. Dr Krishna Rao Addoor Professor and HoD Department of Ophthalmology, Kasturba Medical College and Hospital, Manipal	Nil	Nil
57	Clinical Study of Diabetic Retinopathy Screening Algorithm	Dr Ramesh S Ve Associate Professor Department of Optometry, SOAHS. Manipal. Dr Manjunath Hande, Professor and HoD Department of Medicine, Kasturba Medical College and Hospital, Manipal Dr Krishna Rao Addoor Professor and HoD Department of Ophthalmology, Kasturba Medical College and Hospital, Manipal. Dr Sanjay M Pattanshetty Associate Professor Department of Public Health, Manipal University, Manipal	Robert Bosch Engineering India (P) Ltd.	24,08,515 Amount Received First Instalment Rs. 8,96,280 Dated 20 Sep 2016

Sl no	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)
58	Circadian variation of Intraocular pressure and determinants of risk of primary glaucoma among subjects with Obstructive sleep apnea	Aditya Chaitanya PhD Student, Department of Optometry, SOAHS. Manipal Dr Ramesh S Ve Associate Professor Department of Optometry, SOAHS. Manipal Dr Vijaya Pai H Professor and HOU I Department of Ophthalmology, Kasturba Medical College and Hospital, Manipal Dr Ashwini Kumar Mohapatra Professor and HOD, Department of PTCD, KMC, Manipal	Recently applied Science and Engineering Research Board extra mureal research funding	Nil
59	Automated Eye Screening: A Direct Approach for Referral	Dr Rajendra Acharya Dr Sulatha V Bhandary and Dr Krishna Rao A	Funded by Social Innovation Research Fund (SIRF), Singapore.	\$200,000 Since 2016 for two years
Department of Obstetrics and Gynaecology				
60	Screening for Human Papilloma Virus and other DNA virus infections of the cervix among tribal women in Southern India	Dr Deeksha Pandey	ICMR	37,62,118
61	"Regulation of Clustered miRNAs and their Biological Function in Carcinoma of Human Uterine Cervix "	Dr Deeksha Pandey	Science and Engineering Research Board (SERB)	29,00,000
Department of Radiodiagnosis				
62	Cervical study (3D ultrasound visualisation)	Dr Rajagopal K V Dr Vidya Sagar	Philips	2,11,309
63	MR Neurography PhD Program	Dr Rajagopal K V Dr Indrajit Shah Mr Prashanth Nair	Philips	1,46,539
64	Specific research plan for clear Vue derivative Study protocol	Dr Rajagopal K V and Dr Parvathi Bhat	Philips	4,20,000
Department of Radiotherapy				
65	Feasibility Study of 3D Ultrasound Visualisation of Anatomical Structures and Applicator in Brachytherapy for Cervical Cancer Treatment Project	Dr M S Vidyasagar	Philips India Ltd, Bangalore	4,22,618
Department of Cardiology				
66	CSPP 100F 2301	Dr Padmakumar R	NOVARTIS	91,100
67	CACZ 885M2301	Dr Tom Devasia	NOVARTIS	3,42,198
68	EPICOR	Dr Tom Devasia	MAXINEMAN	30,150
69	VIDEIO PLATHYSMOGRAPHY	Dr Ranjan Shetty	XEROX	\$10000
70	PhD Study	Dr Ranjan Shetty	ZYDUS	50,000
71	Stroke Study	Dr Ranjan Shetty	XEROX	\$25000
72	Fellowship	Dr Ranjan Shetty	MEDTRONIC	6,00,000

Sl no	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)
Department of Cardiovascular-Thoracic Surgery				
73	Efficacy of del Nido Cardiopegia solution on surgical outcomes in patients undergoing open heart surgeries	Shivashankar Pai	Manipal University	25000
Department of Neurology				
74	Evaluation of the association between Intracranial Sino-venous thrombosis, arterial young stroke and gut micro biota	Dr (Brig) Sankar Prasad Gorthi	DST-SERB	Submitted
Department of Neurosurgery				
75	Outcome of traumatic brain injury in elderly population – An Indian perspective	Dr Anmol N	Nil	Nil
76	Spontaneous intracerebral haemorrhage – A hospital based study on the etiology and outcome parameters	Dr Ajay Hegde	Nil	Nil
Department of Medical Genetics				
77	Genetic Diagnosis of Heritable Neurodevelopmental Disorders with Exome Sequencing	Dr Girisha K M	National Institute of Health, USA	55,00,497
78	Application of autozygosity mapping and exome sequencing to identify genetic basis of disorders of skeletal development	Dr Girisha K M	Science and Engineering Research Board	12,00,000
79	Clinical and molecular evaluation of inherited arthropathies and multiple vertebral segmentation defects	Dr Girisha K M	Indian Council of Medical Research	17,03,360
80	Multicentric Collaborative study of the Clinical Biochemical and Molecular Characterisation by Lysosomal Storage Disorders in India – The initiative for research in LSD	Dr Girisha K M	Department of Health Research	3,75,147
81	Comprehensive analysis of genetic diversity in Waardenburg syndrome	Dr Anju Shukla	Science and Engineering Research Board	7,50,000
82	Clinical and molecular characterisation of leukodystrophies in Indian children	Dr Anju Shukla	Department of Health Research	7,22,648
83	Molecular analysis of filamin B related disorders	Abdul Mueed Bidchol	Indian Council of Medical Research	2,11,600
84	A Systematic evaluation of foetal syndromes	Shalini S Nayak	Indian Council of Medical Research	2,11,600
85	Molecular and Functional characterisation of novel GLB1 mutations in Indian patients with GM1 gangliosidosis	Dr Anusha U	Science and Engineering Research Board	9,60,000
Department of Clinical Embryology				
International				
86	Innovations to preserve fertility in cancer affected prepubertal boys: From experimental approaches to clinical applications	Dr Satish Kumar Adiga	AvH Foundation, Germany	Euro 54,266
87	Indo-Italian research grant (Student exchange program with University of Naples)	Dr Satish Kumar Adiga	ITALY	Euro 3,500
88	Merck Centre of Excellence support grant	Dr Satish Kumar Adiga	MERCK	11,50,000

Sl no	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)
89	Development of procedures for restoration of fertility in cancer affected boys, post chemotherapy	Dr Satish Kumar Adiga	SERB	40,00,000
90	Role of paternal genome on stress response and polarity of pre-implantation embryo	Dr Guruprasad Kalthur	DHR, ICMR	35,49,000
91	Effect of maternal exposure of metformin on male and female gonadal development and their reproductive potential	Dr Guruprasad Kalthur	SERB	56,00,000
Projects under consideration				
92	Genetic and epigenetic approach to understand the pathophysiology of occupational radiation exposure and reproductive toxicity	Dr Satish Kumar Adiga	BRNS	38,85,000
93	Development of human embryo viability biomarker diagnostics for elective embryo transfer to improve pregnancy outcome potential application in ART clinic (Imprint Grant)	Dr Satish Kumar Adiga	MHRD	Approved (Grant not yet received)
94	Designing liposome based freezing medium for testicular tissue cryopreservation to aid in male fertility preservation	Dr Guruprasad Kalthur	ICMR	26,03,000
95	Male fertility preservation by Moringa oleifera leaf extract- modulatory response on gonads and tumour tissues to chemotherapeutic drugs	Dr Guruprasad Kalthur	ICMR	42,03,600
96	Nutraceutical properties of Morinda citrifolia fruits on male fertility potential	Dr Guruprasad Kalthur	World Noni Research Foundation (WNRF), Chennai	18,43,600
97	Mitigating effects of Indian propolis extract on experimentally induced polycystic ovarian syndrome (PCOS) in mice	Dr Guruprasad Kalthur	AYUSH	34,15,500
98	Application of Zinc oxide nanoparticles in cryopreservation of reproductive cells.	Dr Guruprasad Kalthur	DBT	48,56,100
99	Effect of Cinnamon extract on mitigating the PCOS-induced ovarian dysfunction and fertility potential (Indo- Sri Lankan grant)	Dr Guruprasad Kalthur	DST	54,00,000

Awards/recognitions:**Institution:**

Sl no	Name	Details	Date
Department of Pharmacology			
1	Dr Smita Shenoy	Best Teacher Award	Mar 2016
2	Dr Bharti Chogtu Magazine	Good Teacher Award	Mar 2016
Department of Medicine			
3	Dr Sudha Vidyasagar	Best Teacher Award	19 Mar 2016
4	Dr BA Shastry	Best Teacher Award	19 Mar 2016
Department of Nephrology			
5	Kenneth Warren Award Dr Ravindra Prabhu A	Given by Cochrane for best review from developing country	Oct 2016

Sl no	Name	Details	Date
Department of Dermatology			
6	Dermatology	Best Department award for the year 2016 conferred by State Branch of Dermatology during CUTICON KN conference 2016	11-13 Nov 2016
7	Dr Raghavendra Rao	'The Best Teacher Award' during College day, KMC, Manipal	19 Mar 2016
8	Dr Sudhir Nayak U K	'The Best Teacher Award' during College day, KMC, Manipal	19 Mar 2016
Department of Respiratory Medicine			
9	Dr Rahul Magazine Professor and Unit Head	Award of recognition for Excellence in teaching	19 Mar 2016
Department of Surgery			
10	Dr Prasad S S	Best Teacher Award	19 Mar 2016
11	Dr Sunil Krishna M	Best Teacher Award	19 Mar 2016
12	Capt Dr L Ramachandra	Prof N Ramadass Memorial Oration award in the 22nd annual conference of society of Nuclear Medicine, India southern chapter	13 Aug 2016
Department of Orthopaedic			
13	Dr Kiran K V Acharya	Excellence in teaching	19 Mar 2016
14	Dr Vivek Pandey	Excellence in teaching	19 Mar 2016
Department of Ophthalmology			
15	Dr Sulatha V Bhandary	Award of recognition for Excellence in Training for the year 2015-2016	19 Mar 2016
16	Dr Yogish S Kamath	Award of recognition for Excellence in Training for the year 2015-2016	19 Mar 2016
Department of ENT			
17	Dr Rohit Singh	Best Teacher award	19 Mar 2016
18	Dr Shalini S	Best Teacher award	19 Mar 2016
19	Dr Shalini	Second place variety entertainment	4 Apr 2016
Department of Obstetrics and Gynaecology			
20	Dr M V Pai	Excellence in Teaching given during College Day	19 Mar 2016
21	Dr M V Pai	Best Audio Visual Self Learning Teaching material given during college day,	19 Mar 2016
22	Dr Jyothi Shetty	Excellence in Teaching given during College Day	19 Mar 2016
Department of Clinical Embryology			
23	Ms Shubhashree Uppangala	Dr TMA Pai gold medal for Research publication	20 Mar 2016

Faculty members:

Sl no	Name	Details	Date
Department of Anatomy			
1	Dr Antony Sylvan D'Souza	Best Teacher Award	19 Mar 2016
2	Dr Chandni Gupta	Best Teacher Award	19 Mar 2016
Department of Physiology			
3	Dr Kirtana Raghurama Nayak	Best Teacher Award	18 Mar 2016
4	Dr Dhiren Punja	Best Teacher Award	18 Mar 2016
3	Dr Kirtana Raghurama Nayak	Award at FIME 2016- Team based learning as a model for case based learning for 1st MBBS curriculum student performance and perspectives	28 Apr 2016
5	Mrs Sanu Susan Jacob	Patent	
Department of Biochemistry			
6	Dr Pragna Rao	"Resource Person" 43rd National Conference of Association of Clinical Biochemists of India.	12 Dec 2016

Sl no	Name	Details	Date
7	Dr Pragna Rao	MCI observer revised basic workshop at Fr Muller's Medical College	10-12 Nov 2016
8	Dr Pragna Rao	Good Teacher Award	20 Apr 2016
9	Dr Shobha U Kamath	Good Teacher Award	20 Apr 2016
10	Dr Revathi P Shenoy	"Resource Person" National Conference of Clinical Microbiologists and Biochemists	16-17 Jan 2016
11	Dr Revathi P Shenoy	Coordinator of Gel electrophoresis workshop for IGCLA - 2016	15 Sep 2016
12	Dr Varashree B S	Judge for the poster presentation in IGCLA conference 2016	16 Sep 2016
Department of Pharmacology			
13	Dr Shalini Adiga	Manipal University Staff Table Tennis Tournament Singles – Winner	Aug 2016
14	Dr Navin Patil	Best sportsmen of the year STAFF (Manipal University)	Mar 2016
15	Dr Navin Patil	<ul style="list-style-type: none"> • MIST- All India Intermedics – Cricket –Runnersup • Verve- KMC Swimming – 5 Golds • Water Polo – Gold • Football – Gold • Cricket – Gold • Basketball – Gold • Table Tennis - Gold • Tennis – Runner-up • Badminton Singles – Runner-up • Badminton Doubles – Gold • Carom – Gold 	Apr 2016
16	Dr Navin Patil	Manipal University Staff Tournament <ul style="list-style-type: none"> • Cricket – Runner-up • Carom – Runner-up • Table Tennis • Doubles – Winners • Singles – Runner-up 	Jan – Aug 2016
Department of Pathology			
17	Dr Kanthilatha Pai	Best Teacher Award	2016
Department Immunohematology and Blood Transfusion			
18	Dr Shamee Shastry	Young Scientist Award	18 Nov 2016
Department of Microbiology			
19	Dr Vandana K E	SHEA International Ambassador 2016, SHEA Spring conference at Atlanta, USA	17-20 May 2016
20	Dr Padmaja A S	Best Poster Award Gut Micro biome 2016 International conference	22 Oct 2016
21	Munegowda K C	National travel grant: Diagnostic approaches for Zoonotic Diseases- "Rickettsial diseases with special reference to scrub typhus" at Nagpur veterinary College, Nagpur, India	11 Mar 2016
22	Munegowda K C	International travel grants 17th ICID, Hyderabad.	2-5 March 2016
Department of Forensic Medicine			
23	Dr Shankar M Bakkannavar, Associate Professor of Forensic Medicine	Best oral presentation in National Annual Conference of Indian Society of Toxicology "TOXOCON-10" organized by Amrita Institute of Medical Sciences, Cochin.	28 Dec 2016
24	Dr Ashwini Kumar, Associate Professor of Forensic Medicine	Recipient for the Award of Recognition for Excellence in Teaching for the year 2015-2016 from Kasturba Medical College Manipal, Manipal University.	Mar 2016
25	Dr Haneil D'Souza Associate Professor of Forensic Medicine	Recipient for the Award of Recognition for Excellence in Teaching for the year 2015-2016 from Kasturba Medical College Manipal, Manipal University.	Mar 2016

Sl no	Name	Details	Date
26	Dr Haneil D'Souza Associate Professor of Forensic Medicine	Awarded a Travel Fellowship from the Centre for International Co-operation in Science, Govt of India to attend the ANZFSS Twenty-Third International Symposium on the Forensic Sciences 2016	2016
Department of Community Medicine			
27	Dr Avinash Shetty	Excellence in Teaching 2015-2016	19 Mar 2016
28	Dr Chythra R Rao	Excellence in Teaching 2015-2016	19 Mar 2016
Department of Medicine			
29	Dr Rama Bhat	Best Paper Award - Poster Presentation – "Pure Red Cell aplasia in patient with human Immunodeficiency Virus infection " at 3rd Euro Global Conference, Frankfurt, Germany	6 Sep 2016
Department of Nephrology			
30	Dr Ravindra Prabhu	CICS to attend the Fifteenth Congress of the Asian Pacific Society of Nephrology at Perth Australia	17-21 Sep 2016
21	Dr Shankar Prasad N	Won travel grants and presented posters in ISN Forefronts and Nexus symposium/CME held in Berlin	23-25 Sep 2016
32	Dr Dharshan R	Won travel grants and presented posters in ISN Forefronts and Nexus symposium/CME held in Berlin	23-25 Sep 2016
Department of Paediatrics			
33	Dr Pushpa G Kini	Teaching Excellency Award,	Mar 2016
34	Dr Leslie E Lewis	Teaching Excellency Award	Mar 2016
Department of Dermatology			
35	Dr Sathish Pai B, Prof and Head	Best Community Dermatology award for the year 2016 conferred by State Branch of Dermatology during CUTICON KN conference 2016	11-13 Nov 2016
36	Dr Raghavendra Rao, Addl Professor	JN Shetty Oration Award conferred by State Branch of Dermatology during CUTICON KN conference 2016	11-13 Nov 2016
Department of Psychiatry			
37	Dr S M Bhat	Eminent Psychiatrist award (IPS KC)	22 Sep 2016
38	Dr Samir K P	Professor Raghuram Young teacher award	22 Sep 2016
Department of Surgery			
39	Dr K Rajgopal Shenoy	Variety Entertainment Competition	04 – 08 Apr 2016
40	Dr Annappa Kudva	Variety Entertainment Competition	04 – 08 Apr 2016
41	Capt Dr L Ramachandra	Vaidya Shiromani Ratna Prashasthi during Paryaya 2016 by Shri Shri Shri Pejavara Matthadeesha	18 Jan 2016
42	Capt Dr L Ramachandra	Vaidya Shiromani 2016 Prashasthi by Devinagar, Parkala Balakedarara Vedike	Feb 2016
Department of Orthopaedics			
43	Dr Jayakrishnan K N	Best Scientific Poster award: Volar Translunate perilunate dislocation, ISSHCON 2016	15-17 Sep 2017
44	Dr Jayakrishnan K N	Best Paper award: Long term functional and cosmetic outcome evaluation of radialisation in Type IV radial longitudinal deficiency median follow up of 7.5 years. ISSHCON 2016	15-17 Sep 2017
Department of ENT			
45	Dr Kailesh Pujary	Nominated as Executive committee member, Association of Otolaryngologists of India, Karnataka chapter	2016 – 2017
46	Dr Shalini S	Life member of Association of Otolaryngologists of India - AOI LM No-4936.	27 Feb 2016

Sl no	Name	Details	Date
47	Dr Shalini S and Dr Shama Shetty	Awarded 1st prize in Quiz held at AJ HRC Conference Hall, AJ Hospital and Research Centre, Mangalore	12-13 Nov 2016
48	Dr Ashish Chandra Agarwal	Travel fellow ship -120th Annual meeting and OTO EXPO in San Diego, California, United States.	18-21 Sep 2016
Department of Obstetrics and Gynaecology			
49	Dr Jyothi Shetty	"Impact of mode of anaesthesia on Postoperative recovery following abdominal hysterectomy in a fast track setting" in Recent advances in gynaecological endoscopy and urogynecology held at Bengaluru	19 Feb 2016
Department of Radiodiagnosis			
50	Dr Prakashini K	Distinguished Alumina Award	Apr 2016
Department of Urology			
51	Dr Arun Chawla	First prize in Best Video Presentation "Dorsal and ventral buccal grafts for obliterative bulbar urethral strictures" in twenty-sixth Annual Conference of the North Zone Chapter of the Urological Society of India held in Agra	13 - 15 Oct 2016
Department of Neurosurgery			
52	Dr Girish Menon	FRCS (Royal College of surgeons, England)	Dec 2016
Department of Clinical Embryology			
53	Dr Satish Kumar Adiga	Best presentation award in 9th European Congress of Andrology at Rotterdam, Netherland	21-23 Sep 2016
54	Ms Shubhashree U	Best Oral Award for oral presentation entitled "Influence of sperm DNA damage on human preimplantation embryo metabolism" in Indo-German Conference on "Assisted Reproductive Technology in ART" held in Manipal	18-20 Mar 2016
55	Ms Sandhya Kumari M V	Won Travel Award under poster category for Protective effect of Indian propolis against mitomycin C induced gonadotoxicity in Seventh International conference on Stem Cells and Cancer (ICSCC-2016) Proliferation, Differentiation and Apoptosis at Goa.	21-23 Oct 2016

Students:

Sl no	Name	Details	Date
Department of Physiology			
1	Sufiyan Ibrahim, Sudeep Gc, Srishti Gulati	Fourteenth Inter Medical School Physiology International Quiz, Yogyakarta, Indonesia-Twelfth place	29-30 Jul 2016
2	Sufiyan Ibrahim, Aaditya Sreehari, Vivek Mahapatra, Rohi Bilagi Suhan Rai and Ashrita Shetty	Avishkar State Level Quiz, JSS Medical College. First, Second and Fourth place	19 May 2016
Department of Biochemistry			
3	Nagendra K	First prize for Poster Presentation at Chennai International Conference	05-10 Apr 2016
4	Y S Phaneendra	"Resource Person" Pre-Conference workshop at Kamneni Institute of Medical Sciences	16 Dec 2016
Department of Pharmacology			
5	Dr Sushil Kiran Kunder	Indo-German Convention of Lindau Alumini 2016, Organized by Manipal University, Manipal-Second place in oral presentation First prize - Postgraduate Lecture Update - 2016, organized by Department of Pharmacology, KMC	15-18 Sep 2016 25 Feb 2016

Sl no	Name	Details	Date
6	Dr Dipanjan Bhattacharjee	Indo-German Convention of Lindau Alumini 2016, Organized by Manipal University, Manipal-Third place in poster presentation Third prize - Postgraduate Lecture Update – 2016, organized by Department of Pharmacology, KMC	15 – 18 Sep 2016 25 Feb 2016
7	Dr Balaji Ommurugan	World Congress IFFS- 2016 held at Delhi - Second place in poster presentation	21 – 25 Sep 2016
8	Dr Sarayu V	National conference of Basic and clinical pharmacology bridging academia and industry organized by Narayana Medical College, Nellore-First place in oral presentation	15 – 17 Dec 2016
Department of Immunohematology and Blood Transfusion			
9	Dr Karishma	a) First Prize Poster – Clinical significance of anti-M Case series and Literature review (MU-SRF) b) Second Prize Poster – Trade off specificity for sensitivity: Time to review pre- transfusion testing policies (ISBTI Pune)	06 Apr 2016 25 Aug 2016
10	Dr Sreelekshmi	First Prize Poster – Role of TPE in management of TTP/atypical HUS (ISBTI Pune)	25 Aug 2016
11	Dr Vijay	First Prize Poster – (ISTM Bhopal)	20 Nov 2016
Department of Microbiology			
12	Dr Suvaya Biswas	Awarded BEST POSTER – STUDENT on “Gut Microbiome 2016-An International Perspective”	21–22 Oct 2016
13	Dr Chhavi Gandhi	Awarded TRAVEL GRANT based in merit of the abstract submitted for MICROCON 2016 held at PGIMER, Chandigarh	23-27 Nov 2016
14	Siddharth Sagar	Best Thesis Award – Three MINUTE THESIS COMPETITION – Comparing Anti-HBsAg Titres using ELISA and Chemiluminescence Assays – What is the Level of Agreement – Second Indo-German Convention of Lindau Alumni	15–18 Sep 2016
15	Siddharth Sagar	Post Graduate Quiz - Gut Microbiome – An International Perspective, KMC, Manipal – First Place	21–22 Oct 2016, KMC, Manipal
16	Suganthi martena (RF)	Best Poster Award Gut Microbiome 2016 International conference	22 Oct 2016
17	Suganthi martena(RF)	Best Paper Award APTICON-2016	14–16 Oct 2016
18	Suganthi martena(RF)	Travel Grant – MICROCON 2016	23–27 Nov 2016
19	Rituparna C (RF)	Best Poster Award Gut Microbiome 2016 International conference	22 Oct 2016
20	Tushar Shaw	Travel award by Defense Threat Reduction Agency (DTRA) US, for attending the eighth World Melioidosis Congress, Cebu, Philippines.	7–8 Aug 2016
21	Sudipta Patra	Received travel grant for attending National Workshop on “Diagnostic Approaches for Zoonotic Diseases”	8–12 Mar 2016
22	Sohan Rodney Bangera	Travel Grant awarded for the paper based on the merit of the abstract “Prevalence of Non-typhoidal Salmonella Serovars and their Antimicrobial Resistance Profile from Gastroenteritis Cases in a Tertiary Care Hospital-Manipal, South Karnataka” in Microcon 2016, Fortieth Indian Association of Medical Microbiologists held at Postgraduate Institute of Medical Education and Research, Chandigarh	Pondicherry

Sl no	Name	Details	Date
Department of Forensic Medicine			
23	Ramya Ravindra Kamath II MBBS, KMC Manipal	Highest scorer in Forensic Medicine for UG given by Karnataka Medical Society.	23 Nov 2016
24	Saumya Varshey II MBBS KMC, Manipal	Award winning (Second place) under-graduate student oral paper presentation titled "A complex case of meningoencephalitis and acute obstructive hydrocephalus" at the Indo-German convention of Lindau Alumni (IGCLA) held in Sep 2016 at KMC Manipal	Sep 2016
25	Dharini Prasad II MBBS KMC, Manipal	Debate performance (best speaker against the motion) by undergraduate student at District level debate competition organized by KMC Mangalore on the topic "Surrogacy"	23 Oct 2016
26	Arjun Kumar and Jahnavi Shrivastava II MBBS KMC, Manipal	Best speaker for the motion, best speaker against the motion, overall best team) by undergraduate students at State level debate competition organized by Father Muller Medical College, Mangalore on "Cloning" held in 2016.	30 Apr 2016
Department of Community Medicine			
27	Second prize in e-poster (Dr Aparna, Dr Beulah, Dr Jaun)	World Tobacco Day in Karnataka	31 May 2016
Department of Medicine			
28	Dr Sabarinath	First Prize Poster presentation – Cardiac arrest in Pregnancy Refractory Hypokelemlia	31 Jan 2016
Department of Gastroenterology			
29	Ms Suprabha (Research Scholar)	Best poster award at the ISGCON – 2016 held at New Delhi	13–15 Dec 2016
30	Mr Nagesh Kamath (Research Scholar)	PS Murthy Award for best Paper at the 43rd ACBICON 2016 held at Mangalore	14–17 Dec 2016
Department of Nephrology			
31	Dr Srinivas Shenoy	Won first prize for paper presented in Indian Society of Hypertension	
32	Dr Srikanth	Won travel grant on behalf of Young Nephrologists Platform, CME on Interventional Nephrology held in Wroclaw	
Department of Paediatrics			
33	Dr Susmitha T Dr Leslie Edward Lewis Dr Ramesh Y Bhat Dr Jayashree P Dr Katta Girisha Dr Anju Shukla	Best Poster award titled "I Cell Disease – A case report, Conference to be held in Tirupathi, AP PEDICON – 2016, on	4 – 6 Nov 2016
34	Dr L Lova Prakash Dr Leslie E Lewis Dr Ramesh Bhat Dr Jayashree P	Best Poster award titled "Maple syrup urine disease – case series, Conference to be held in Tirupathi, AP PEDICON – 2016	4 – 6 Nov 2016
35	Dr Kavya R, Dr Shrikiran Dr Suneel M Dr Shravan K	Best Poster award -Wickett Aldrich Syndrome- A case report - CME on Pediatric Dermatology 2016 at Manipal	25 Sep 2016
36	Dr Kalyan K Dr Leslie E Lewis Dr Ramesh Bhat Dr Jayashree P	HHHFNC v/s NCDAP for facilitation of extubation in preterm Neoates with respiratory distress. Poster award Kerala Pedicon 2016	25 Nov 2016

Sl no	Name	Details	Date
Department of Dermatology			
37	Dr Teena Mary Joseph	Got First prize for Award paper presentation during Karavali Derma at Mangalore	14 Feb 2016
38	Dr Kumudhin S	Got second prize for Award paper presentation during National symposium "Back to Roots" at Bangalore	11-12 Jun 2016
39	Dr Rupika Singh	Got First prize in Quiz during Dermatoscopy in Dermatology CME at Manipal	27 Mar 2016
40	Dr Divya Mohan,	Got Second prize for Paper presentation during CME on "Paediatric Dermatology", KMC, Manipal	25 Sep 2016
41	Dr Kumudhini S,	First Prize in Paper presentation during CME on "Paediatric Dermatology", KMC, Manipal	25 Sep 2016
42	Dr Kumudhini S	Second prize in Poster presentation during CME on "Paediatric Dermatology", KMC, Manipal	25 Sep 2016
43	Dr Joseph Jenson	Third prize for Award paper titled "Case Report: Post-operative pyoderma gangrenosum "during Twentieth Dermazone South and Seventh Cuticon TN 2016	7-9 Oct 2016
44	Dr Surya Ravindran	Second prize for a eposter conferred by State Branch of Dermatology during CUTICON KN conference 2016	11-13 Nov 2016
45	Dr Surya Ravindran and Dr Divya Mohan	First Prize in Postgraduate State Level Quiz during State Branch of Dermatology during CUTICON KN conference 2016	11-13 Nov 2016
46	Dr Anuradha Jindal	Third prize for Award paper presentation during ASTICON 2016 Conference at Indore	25-27 Nov 2016
Department of Respiratory Medicine			
47	Vyshak US - (PG)	EMBRYONAL CARCINOMA WITH LUNG METASIS AND CO-EXISTING TUBERCULOSIS - A RARE CASE – Best Poster Award – Karnataka State Pulmonologists Third Annual Meet- at Bangalore	18 Jul 2016
Department of Surgery			
48	Dr Siddharth VT	Best Outgoing Student	19 Mar 2016
49	Dr Ravikiran Naalla	HOD Award for Best Student	19 Mar 2016
Department of Orthopaedic			
50	Dr Prajwal Prabhudev Mane	Best Paper Award: "The role of USG versus MRI Morphology in determining the surgical methods of carpal tunnel release: A Randomised single blind study" KOACON 2016	5-7 Feb 2016
51	Dr Vikrant Khanna	Best Thesis award: "Clinico-radiological outcome evaluation of combined tears of operated medial collateral ligament, posteromedial corner and anterior cruciate ligament of the knee, KOACON 2016	5-7 Feb 2016
52	Dr Jampani Ravitheja	Best Paper Award: Correlation between Sulcus angle and Trochlear depth in assessment of Trochlear Morphology at OASISCON 2016	9-11 Sep 2016
53	Dr Sujayendra DM	Best Paper Award: Clinical and Radiological outcome following Open reduction and internal fixation of distal humerus fracture (AO Type 13 C) in Adults at OASISCON 2016	9-11 Sep 2016
54	Dr Naufal Nahas	Best Poster award: Spectrum of Cockfight spur injury in musculoskeletal system. ISSHCON 2016	15-17 Sep 2016

Sl no	Name	Details	Date
Department of Ophthalmology			
55	Dr Nishant JR and Dr Thoiba Karam	Third Prize in the quiz conducted during CME on "Shifting Paradigms in Glaucoma" held at KMC Mangalore.	12 Jun 2016
56	Dr Aakanksha and Dr Rohit Simha Thota	First prize in Ninth Intercollegiate PG Quiz (Corneal transplantation) conducted during the CME on Advances in Keratoplasty a Video Assisted Skill Transfer under the Aegis of KOS, held at Yenepoya University, Mangalore.	17 Sep 2016
57	Dr Shivam Mirg and Dr Ramakrishna	Second prize in 8th Intercollegiate UG Quiz (General Ophthalmology) conducted during the CME on Advances in Keratoplasty, A Video Assisted Skill Transfer under the Aegis of KOS, held at Yenepoya University, Mangalore.	17 Sep 2016
58	Dr Namitha Rachel Mathew- Presenting Author Dr Katta Kavya Reddy and Dr Sameer Iqbal – Co Author	MM Joshi Overall Best Paper Award Title: Utility of Meibography in the Evaluation of Dry Eye: 35th Karnataka State Ophthalmic Conference held at Koteswara, Udupi.	18–20 Nov 2016
Department of ENT			
59	Anusha Jha Sixth sem (2016)	Second Place – Equinox SRMC, Chennai Poster presentation Topic – Fungal sinusitis Guided by Dr Ajay Bhandarkar, Associate Professor, ENT Department	6–8 Aug 2016
60	Pranav Rajshekar Sixth sem (2016)	Third Place – Equinox SRMC, Chennai. Oral presentation Topic – Lingual plexiform neurofibroma a tongue base approach for resection Guided by Dr Shalini S, Assistant Professor, ENT Department	6–8 Aug 2016
Department Obstetrics and Gynaecology			
61	Dr Srividya	Dr A Padma Rao Oration First place in paper	23 Jul 2016
62	Dr Shaiesta	Dr A Padma Rao Oration Second place in paper	23 Jul 2016
63	Dr Vidya Reddy	Dr A Padma Rao Oration First place in poster	23 Jul 2016
64	Dr Tracy	Dr A Padma Rao Oration Second place in poster	23 Jul 2016
Department Anaesthesiology			
65	Dr Anshu	First prize for e-poster presentation (AORA 2016-hyderabad)	22–26 Sep 2016
66	Dr Anshu	First prize for paediatric quiz (AORA 2016 Hyderabad)	22–26 Sep 2016
67	Dr Eeshwar M V	Second prize for paediatric quiz (AORA 2016 Hyderabad)	22–26 Sep 2016
68	Dr Eeshwar M V	First prize for anaesthesia quiz (APGAP 2016 Manipal)	09–11 Sep 2016
69	Dr Eeshwar M V	First prize paper presentation (ISACON 2016 Kerala)	7–10 Oct 2016
70	Dr Eeshwar M V	First prize poster presentation (ISACON 2016 Kerala)	7–10 Oct 2016
71	Dr Bhumireddy Suneel Reddy	Second prize quiz ISACON Belgaum	18–21 Aug 2016
72	Dr Maheswara Rao	Second prize quiz ISACON Belgaum	18–21 Aug 2016
Department of Radiodiagnosis			
73	Mugil Verman	Best Radiologist	Apr 2016
Department of Cardiology			
74	Dr Rohith P Reddy	Best outgoing student for the year 2016 in DM Cardiology	Dec 2016
Department of Neurosurgery			
75	Dr Ajay Hegde	Victor and Clara Soriano award At Tenth World Stroke organisation	29 Oct 2016
Department of Hospital Administration			
76	Dr T Shiva Kumar	Second place for poster presentation titled Causes of Cancellation for Elective Orthopaedic Procedures on the Day of Surgery in a Large Tertiary Care Teaching Hospital at national conference SASH 2016. Organized by Academy of Hospital Administration Western Regional Chapter (Pune) and Department of hospital Administration AFMC Pune	11–13 Nov 2016

Sl no	Name	Details	Date
77	Dr Pooja G Patwal	First place of paper presentation titled Factors Determining the Usage of Reusable or Disposable Gowns in Cath Lab of a Tertiary Care Teaching Hospital at International Conference on Biomedical Waste Management ISHWMCON 2016 organized by Department of Hospital Administration and Community Medicine KMC Manipal and Department of Public Health, Manipal University	2-3 Dec 2016
Department of Medical Genetics			
78	Malavika Hebbar	Awarded travel grant to attend American Society of Human Genetics, Annual Meet, 2016, Vancouver, BC Canada	18-22 Oct 2016
79	Shalini Nayak	Awarded Senior Research Fellowship from Indian Council of Medical Research	28 Mar 2016
80	Shalini Nayak	Dr SS Agarwal Young Scientist Award for 2016 held at AIIMS New Delhi, India	7-10 Dec 2016
Department of Clinical Embryology			
81	Mr Guruprasad Nayak	Best Poster Award in Indo-German conference on Assisted Reproductive Technology, Manipal	18-20 Mar 2016

Staff:

Sl no	Name	Details	Date
Department of Physiology			
1	Staff - Department of Physiology	Third place in Interdepartmental variety entertainment, Verve 2016	24 Apr 2016
2	Dr Kirtana Raghurama Nayak	Research collaboration MoU with Axxonet Systems, Bangalore	12 Aug 2016
3	Dr Kirtana Raghurama Nayak	Member, Department of Medical Education	2016
4	Dr Dhiren Punja	Member, Mentor cell	2016
5	Dr Pallavi LC and Mrs Sanu Susan Jacob	Coordinator, Certificate Program of Bioethics	2016
6	Dr Kirtana Raghurama Nayak and Dr Pallavi LC	Coordinator, Introduction of bioethics to I and II MBBS	2016
7	Dr Dhiren Punja	Faculty BLS training, Invited faculty for BLS training NIMHNS, Bengaluru, Coordinator Simulation Centre, MU	2016
8	Dr Kirtana Raghurama Nayak	Judge Mentored student poster presentation, MMMC, Manipal	5 Nov 2016
9	Dr Raghavendra Rao and Dr Manjula SD	Judge, Pecha Kucha Competition, conducted by Department of Physiology, MMMC, Manipal	19 Nov 2016
10	Dr Kirtana Raghurama Nayak	Judge, research poster presentation, Second Indo German Lindau convention of Lindau Alumni	15-18 Nov 2016
11	Dr Chinmay Suryavanshi and Dr Vasanthlaxmi K	Coordinator Quality survey from students	2016
Department of Biochemistry			
12	Ganesh Takur	Quality Management Systems and Internal Audit in Medical Laboratories as per ISO 15189:2012 Held at KS Hegde Medical Academy, Mangalore	04-07 Feb 2016
13	Ganesh Naik	Quality Management Systems and Internal Audit in Medical Laboratories as per ISO 15189:2012 Held at KS Hegde Medical Academy, Mangalore	03-06 Aug 2016
14	Geetha	Quality Management Systems and Internal Audit in Medical Laboratories as per ISO 15189:2012 Held at KS Hegde Medical Academy, Mangalore	04-07 Feb 2016

Sl no	Name	Details	Date
15	Shilpa	Quality Management Systems and Internal Audit in Medical Laboratories as per ISO 15189:2012 Held at KS Hegde Medical Academy, Mangalore	03-06 Aug 2016
Department of Immunohematology and Blood Transfusion			
16	Mr Vishwesh	World Blood Donor Day 2016 [Best Technician Award]	14 Jun 2016
17	Ms Shalini	World Blood Donor Day 2016 [Best Housekeeping Award]	14 Jun 2016
Department of Ophthalmology			
18	Dr Sulatha V Bhandary Chief Author Dr Krishna Rao a Co-Author	MM Joshi Overall Best Paper Award Title: Utility of Meibography in the Evaluation of Dry Eye: Thirty-fifth Karnataka State Ophthalmic Conference held at Koteswara, Udupi.	18-20 Nov 2016
Department of Anaesthesiology			
19	Dr Sandesh U	ISL NARANI BEST POSTER (First prize) Award in ISACON 2016 – Ludhiana	27-29 Nov 2016

Photo archive of important events:



CME titled “Clinical perspective of peripheral nerve injuries with Demonstration of Nerve blocks” on 2 Apr 2016 in Manipal



Two-day “hands on workshop on PK/PD Modelling” held on 8 – 9 Jul 2016, organized by Department of Pharmacology, KMC, Manipal



CME – Updates in Cardiac Electrophysiology



World Blood Donor Day – 14 Jun 2016



CME on “Epigenetics – from genome to epigenome”



CME – Transfusion Medicine Update – 6 Aug 2016



An awareness program on POCSO Act 2012 was organized by the Department of Forensic Medicine and Toxicology, KMC, Manipal, Karnataka Police, Udupi district and Dr TMA Pai Rotary Hospital, Karkala on 13 May 2016 at Dr TMA Pai Hall 1 of KMC, Manipal



IAP NRP FGM Advanced NRP Course



CME on "Polio Endgame Strategy"



Inauguration of CME "Paediatric Dermatology"
Psychiatry Update 2016



Manipal Clinical CME 2016



"Manipal Surgery Clinifest" 2016 held from 8-10 Jan 2016



CME on Paediatric kidney disease



Inaugural photo lightening the lamp by Dr Poornima Baliga, Chief Guest - Otology workshop with Hands on Temporal bone dissection course held on 4-5 Mar 2016



Gynaec Oncology update CME, Annekathryn Goodman, Harvard Medical School, Kidwai was guest speaker on 21 Feb 2016



CME on Renal Transplantation on 7 Feb 2016



APGAP 2016



Walkathon – A Stroke Awareness Initiative (21 Oct 2016)



SUMMIT on “Technology Advancement and Challenges in Musculoskeletal Imaging” is organized by MIRS and Department of Radiodiagnosis and Imaging on 21 Feb 2016



Brain Tumour Update 2016 held on 27 Aug 2016



Manipal Cardiology Update - 2016



Manipal Genetics Update III on Genetics Disorders of Bone

SCHOOL OF ALLIED HEALTH SCIENCES

Manipal University, Manipal

Phone Number: 0820 2922704/22705

Email-Office: dean.soahs@manipal.edu Dean: b.raja@manipal.edu



Name of Dean: Dr B Rajashekhar

Established: 1999

Programs:

- Bachelor of Audiology and Speech Language Pathology (BASLP)
- BSc Cardiovascular Technology (BSc CVT)
- BSc Clinical Optometry (BSc OPTM)
- BSc Health Information Management (BSc HIM)
- BSc Medical Imaging Technology (BSc MIT)
- BSc Medical Laboratory Technology (BSc MLT)
- BSc Medical Radiotherapy Technology (BSc MRT)
- BSc Nuclear Medicine Technology (BSc NMT)
- Bachelor of Occupational Therapy (BOT)
- BSc Operation Theatre and Anaesthesia
- Bachelor of Physiotherapy (BPT)
- BSc Respiratory Therapy (BSc RT)
- BSc Renal Replacement Therapy and Dialysis Technology (BSc RRT and DT)
- BPT Bridge program
- BSc RT Bridge program
- BSc Exercise and Sports Sciences
- BSc in Perfusion Technology
- Master of Audiology and Speech Language Pathology (MASLP)
- Master of Clinical Optometry
- MSc Echocardiography
- MSc Health Information Management (MSc HIM)
- MSc Health Informatics
 - MSc Healthcare IT Management
 - MSc Software development and Management
- MSc Medical Imaging Technology (MSc MIT)
- MSc Medical Laboratory Technology
 - MSc MLT Clinical Biochemistry
 - MSc MLT– Microbiology and Immunology
- MSc Medical Radiation Physics (MSc MRP)
- MSc Nuclear Medicine Technology (MSc NMT)
- Master of Occupational Therapy (MOT)
 - MOT - Child health
 - MOT – Musculoskeletal conditions
 - MOT– Neurosciences
- MOT– Mental Health and Psychosocial Rehabilitation
- Master of Physiotherapy (MPT)
 - MPT – Cardio-pulmonary Sciences
 - MPT – Community Physiotherapy
 - MPT - Neuro Sciences
 - MPT- Orthopaedics
 - MPT – Women Health and Paediatrics
- MPT (Dual Degree) Sports and Clinical Biomechanics

- MSc Exercise and Sports Science
- MSc Respiratory Therapy (MSc RT)
 - MSc RT – Adult Respiratory Care
 - MSc RT – Neonatal and Paediatric Respiratory Care
- MSc Renal Replacement Therapy and Dialysis Technology (MSc RRT and DT)
- MPhil Clinical Psychology
- MSc Clinical Psychology
- MSc Perfusion Technology
- PhD programs in various Allied Health Science disciplines
- Anaesthesia/ OT Technician
- Dialysis Therapy Technician
- EEG/Neurophysiology Technician
- ENT Technician
- Medical Laboratory Technician
- Operation Theatre Technician
- Medical Imaging Technology (X-Ray)
- Diploma in Medical Imaging Technology
- ECG technician
- Hand Splinting
- Laboratory safety
- Medical records management
- Optometry technician
- Pulmonary Function test technician
- Transfusion Medicine (Blood Bank)
- Medical Coding and Billing
- Voice Rehabilitation after Laryngectomy
- Certificate course in X ray Technician

About school:

SOAHS is the first full-fledged and currently the largest college for allied health sciences in India and Far East Asia. Offering over 54 courses leading to Diploma, Graduation, Post-graduation and Doctorate, the school also oversees over 26 hospital based allied health programs being offered at the various constituent hospitals of the group. With 100 percent placement and 70 percent of the alumni

placed overseas, it is the destination to those who want a promising career in the allied health profession. The School has been recognized by the MOH, GOI as a model for its envisaged National and Regional Institutes of Allied Health Sciences to be established in the country. SOAHS on roll has more than 1500 students that includes students from all over India and 18 countries.

Institutional activities/curricular activities:

New initiatives:

Sl no	Activity	Particulars
Department of Physiotherapy		
1	Centre for Comprehensive Stroke Rehabilitation and Research (CCSRR)	Newly formed Centre for Comprehensive Stroke Rehabilitation and Research, under Manipal University started from 1 Dec 2016
2	Kadekar RMCW, Physiotherapy Clinics	Department of Physiotherapy started Physiotherapy Clinic at Kadekar RMCW on 27 Feb 2016
Department of Speech and Hearing		
3	New Born Hearing Screening	Universal new-born screening is an initiative taken up by Department of Speech and Hearing from 2014 in Dr T M A Pai Rotary Hospital, Udupi and 2015 in Kasturba Hospital, Manipal. As we observed the increase in incidence of number of individuals with hearing loss in our clinical set up, the early identification was the need of the hour. Hence, we started this program of hearing screening for all babies born in these hospitals.
Department of Optometry		
4	ErasmUS/OCULUS	Department of Optometry, SOAHS is one of the partner institutions of the Erasmus + grant titled "Optometry Curriculum for Lifelong Learning through ErasmUS/OCULUS." OCULUS is a unique program aimed at harmonising optometry curriculum offered in India, Israel and Europe. <ul style="list-style-type: none"> • Accreditation - European Council of Optometry and Optics
5	Online Portal	Connecting it with our Academic and Vision 2020 requirements

Sl no	Activity	Particulars
Department of Exercise and Sports Sciences		
6	Centre for Sports Science, Medicine and Research.	SOAHS's first centre dedicated to offering top class sports medicine services, education and foster research pertaining to health and human performance.
7	BSc Exercise and Sports Sciences	Launched in Jul 2016
8	Twinning Program	Twinning program with Deakin University, Australia (In process)
9	Summer Internship	Summer internship at University of British Colombia (In process)
Department of Respiratory Therapy		
10	UG - Semester Scheme	This academic year the department of respiratory therapy implemented the semester system for the first time.
Department of Clinical Psychology		
11	Namma Bhoomi Clinic – Children and caregivers are given counselling after the assessment	Clinic at Namma Bhoomi home for destitute children in Kundapura on second Saturday of every month. A team from the department of clinical psychology will do psychological assessments on children identified as requiring psychological help by the caretakers of the institution
12	Karkala Clinic	Extension of consultation liaison psychiatry focusing on community mental health. Clinic is conducted in the first Saturday of every month
13	Memory Clinic	In liaison with Psychiatry and Neurology Department, memory clinic focuses on patients with neurological disorders on Wednesdays
Department of Medical Laboratory Technology		
14	Research enhancement Program	Research enhancement Program. Department of Medical Laboratory Technology, SOAHS launched "The Research Enhancement Program" on 20 Aug 2016. A half day workshop was conducted in association with Institutional Research Committee on three topics: Session 1 by Dr Unnikrishnan – on "How to apply for research grants" Session 2 by Dr Gopal Krishna Bhat – on "How to write a manuscript for publication" Session 3 by Dr Ciraj A M – on "Tips and tools for interdisciplinary project management"

All other activities in the department relating to the program/course:

Sl no	Activity	Particulars
Department of Physiotherapy		
1	World physiotherapy Day	Department of Physiotherapy celebrated World Physiotherapy Day on 8 Sep 2016
2	On-field clinical services to players of 41st National Junior Badminton championship	Organized by the Udupi district badminton association for Sports Injury Management
3	Offered on-field clinical services	To District Athletic Meet and Master Athletic Meet Udupi 2016 held on for Sports Injury Management 23 Oct 2016
4	Organized Patient Education program.	In self-Management of diabetes foot care under the WDF grant held on 22 Oct 2016 at Manipal
Department of Speech and Hearing		
5	Camps	As a part of "Daan Utsav" 2016 the Department of Speech and Hearing along with Voluntary Service Organisation, SOAHS, had organized a hearing-screening program along with fitness evaluation events. It was executed on the 3 and 4 Oct at Government High School, Parkala and Government High School, Udupi. Department of Speech and Hearing conducted three Voice Screening Camps in BM Aided Higher primary school Parkala on 23 Sep 2016, Government model school Saralebettu on 05 Jan 2016 and UBMC aided higher primary school Udupi on 02 Dec 2016.

Sl no	Activity	Particulars
6	International Stuttering Awareness Day 2016	On this occasion, events were conducted to increase awareness among students (Collage, Skit and Just-A-Minute competitions) and the general public (Street play at Tiger Circle).
7	Speech and Hearing Week	Series of events were conducted as a part of Speech and Hearing week, which includes Health awareness campaign at Udupi Utsav, distribution of Hearing aid at concession price for the needy and publishing articles at Arogyavani and speech and hearing Awareness talk on Manipal Radio Station.
Department of Clinical Psychology		
8	Yes I Can! Life skills workshop 2016	Department of Clinical Psychology had conducted a six-day life skills training program aimed at empowering adolescents of age group 12–15 years from 9-14 May 2016. The sessions were on self-awareness, communication and assertiveness skills, decision-making and problem solving, emotional management, yoga, bird watching, responsible use of social media, culinary skills, basic life care support and first aid. Sessions were conducted by the faculty members of Department of Clinical Psychology, SOAHS.
9	Basic Level Workshop on Rorschach Exner's Comprehensive System 2016	Dr B Rajashekar, Dean, SOAHS inaugurated the workshop, which was held on 29 Aug 2016. Resource persons were from the Department of Clinical Psychology, SOAHS, Dr Dinesh, Dr Shweta, Dr Sahana, Ms Rima and Ms Anagha.
10	Continuing Rehabilitation Education (CRE) Workshop on Rorschach Exner Comprehensive System.	Three-day workshop on "Rorschach Exner Comprehensive System" was held from 29 Sep to 1 Oct 2016. Eighteen RCI certified clinical psychologists attended the workshop.
11	Advanced Workshop on "Counselling Skills for Teachers"	Directorate of Students affairs, and the departments of Psychiatry, KMC and Clinical Psychology, SOAHS jointly organized the workshop from 8-10 Jan 2016. The workshop was intended for faculty members from various institutions within Manipal
Department of Respiratory Therapy		
12	Workshop	Conducted Advanced Mechanical Ventilation on 15 May 2016, in collaboration with Department of Medicine and Anaesthesiology
13	Respiratory Care week	Conducted Respiratory Care week program on 2 Dec 2016
14	Cultural activity	Department of Respiratory therapy conducted Cultural activity of Respiratory Care week program on 2 Dec 2016
15	Hand Washing session participated	The Department of Respiratory Therapy participated Hand washing session conducted by Kasturba Hospital Manipal.
16	BLS Classes	Respiratory Therapy department took initiative to conduct three-day BLS refreshers program for nurses, Technicians and other staffs of Kasturba Medical college during May 2016.
Department of RRT and DT		
17	World Kidney Day	Kidney disease and Organ donation program awareness was held (with a video release) on world kidney day (10 Mar 2016)
Department of Optometry		
18	Workshop	A workshop was organized by the department of optometry on "The technical aspects of Progressive Addition Lens Dispensing" on 7 Apr 2016.
19	World Sight Day	Department of Optometry, School of Allied Health Sciences celebrated "World Sight Day" on 13 Oct 2016.
20	Hand washing session participated	The Department of Optometry actively participated in Global Hand Washing session on 15 Oct 2016 conducted by Kasturba Hospital Manipal.

Sl no	Activity	Particulars
Department of Cardiovascular Technology		
21	World Heart Day celebration	The CVT and Cardiology department on 25 Sep 2016 celebrated World Heart Day with a free heart check-up.
22	Workshop	Workshop Cardiac on Arrhythmias was held on 24 Jan 2016
23	Manipal Cardiology update	CVT in association with department of Cardiology KMC Manipal organized Manipal Cardiology update on 1 Nov 2016.
Department of Occupational Therapy		
24	Workshop	Department of Occupational Therapy conducted a two-day workshop titled "Continuing Occupational Therapy Education (COTE) on WHO Guidelines on Wheelchair Services and Training Delivery and Universal Design Features from 1 and 2 Apr 2016
25	Workshop	Department of Occupational Therapy conducted a one-day workshop titled "Teacher Sensitisation Program on Learning Disability" on 5 Apr 2016 at the Rural Maternity a Child Welfare Home, Udayavara
26	Campus placement Interview	School of Allied Health Sciences organized campus placement with BMR health services Inc USA on 9 Apr 2016. Seven post-graduate students have been selected for overseas positions.
27	Vaidya Medical Camp – Brahmavar	Department of Occupational Therapy participated in Vaidya Medical Camp, organized by SCIO foundation, Manipal Chapter at Community health Centre, Brahmavar on 25 Apr 2016.
28	Diabetes Screening Camp at Dr TMA Pai Rotary Hospital, Karkala	Department of Occupational Therapy participated in the Camp held on 25 Apr 2016.
29	One-month orientation course on occupational therapy for Vietnam delegation	As part of the MoU signed between Department of Occupational Therapy, SOAHS, Manipal and Medical Committee Netherlands Vietnam (MCNV) for the purpose of capacity building for the OT program in Vietnam, the Department of OT, SOAHS organized an orientation course from 18 May to 10 Jun 2016 for five participants from Vietnam.
30	PhD registration (part time)	Mr Guruprasad V registered as a PhD candidate on 11 Jun 2016. His topic for PhD is "Effectiveness of Lifestyle Modification for Weight Reduction among Obese Homemakers in urban Udupi: A Cluster Randomised Controlled Trial"
31	Vaidya Medical Camp: MIT	Department of Occupational Therapy participated in Vaidya Medical Camp, organized by SCIO foundation, Manipal Chapter at MIT, Manipal on 12 Sep 2016
32	Conducted training program for teachers	Department of Occupational Therapy conducted, "ASHA: Teacher Sensitisation Program for Learning Disability" in Udupi district, in association with Department of Education, Udupi District, Government of Karnataka and Rotary International, District 3182, on 5 and 6 Oct 2016
33	Departmental news letter	Department of Occupational Therapy published first issue of departmental newsletter "OT Chronicle" on 17 Nov 2016
34	OT – Euphoria 2016 Celebration	The annual awareness program of the Occupational Therapy Department, "OT – Euphoria" was celebrated on 17 Nov 2016 this year. The theme for this year's program was "Accessibility". Street play and Accessibility Project presentations by the students proved to be the highlights for the event.
35	Article published in the daily newspaper	Dr Sumita Rege wrote an article titled "Let's get our children to play" in the daily newspaper Udayavani published on 6 Nov 2016.
36	Article published in the daily newspaper	Mr Guruprasad V wrote an article titled "Tips to manage on day to day activities for persons living with arthritis" in the daily newspaper Udayavani published on 11 Dec 2016.
37	Clinical placement of Flinders University students	Four students from Flinders University, Adelaide, Australia completed their clinical placement from 6-16 Dec 2016 at the Department of Occupational Therapy of SOAHS, Manipal

Sl no	Activity	Particulars
38	World Disability Day Celebration – 2016	Students from Department of Occupational Therapy, Manipal University were invited to perform a street play based on the theme of “Accessibility” in a program organized jointly by Department of Women and Child Development and Department for Empowerment of Differently Abled and Senior Citizen, Udupi District, Karnataka, India. The program was organized on 3 Dec to celebrate “World Disability Day.”
Department of Nuclear Medicine		
39	CME	CME on Nuclear Medicine Technology Update – 2016 held on 16 Apr 2016 organized by Mrs Vasumathi under the guidance of Dr Rajesh Kumar, HOD of Nuclear Medicine
40	22nd Annual Conference SNMI	Jointly conducted by KMC and SOAHS on 13 and 14 Aug 2016
Department of Medical Laboratory Technology		
41	International Biomedical Laboratory Science Week	The International Biomedical Laboratory Science week was celebrated from 11–18 Apr 2016 with Dr Sulatha Bhandary, as the Chief guest. The handicrafts made by the students were donated to ASARE.
42	Certificate Course in Laboratory Safety	The Valedictory function of the certificate course of laboratory safety was conducted on 30 Jul 2016, and the session on “Lab Safety practices and policies - Risk Assessment” was conducted by Dr G Arun Kumar, Prof and Head, Manipal Centre for Virus Research.
43	Distinguished Lecture Series	Dr H Vinod Bhat, Vice Chancellor of MU inaugurated distinguished Lecture Series Phase II on Advances in Clinical Laboratory Science and research on 28 Jan 2016. A special lecture was conducted by Dr MS Vidyasagar on Biomarkers for Oncology LECTURE SERIES – III, IV, V and VI Dr Gopal Krishna Bhat on emerging trends in Antibiotic resistance, Dr Muralidhar Varma on Clinical perspective on laboratory testing in infectious diseases. Dr Ravindra Maradi, on quality control in Clinical Biochemistry laboratory. Dr Kavitha Saravu on Changing Malaria Landscape – An update. Dr Chiranjoy Mukhopadhyaya on Antimicrobial stewardship.
44	Foot Clinic	World Diabetic Foundation: Foot clinic will be launched by January end. One Tertiary Level Clinic and one Intermediate Level clinic established and eight more clinics.
45	Community Screening	Approximately 40,000 individuals were screened for diabetes in community. People with diabetes are further screened for foot complications and treatment is rendered.
46	Capacity building training on Diabetes and Foot care	Training on Diabetes and Foot care to Doctors: 75, Nurses: 153, ASHAs: 220, Physiotherapists: 68, Student seminar and Walkathon: 6.
47	IEC Materials	Culturally and language tailored variety of information education and communication materials and videos were developed.
48	Patient Education Workshop	Self-management of Diabetes Mellitus and Diabetic foot. 73 Voluntary participants were given education in the workshop.

Details of guest visit:

Guest lectures:

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
Department of Health Information Management					
1	Prof Suptendra Nath Sarbadhikari	NIHFW, New Delhi	Project Director, Centre for Health Informatics, NIHFW, New Delhi	A continuing health information education program	29 Jul 2016
2	Dr B Unnikrishnan, MBBS, MD Associate Dean and Prof of Community Medicine, KMC, Mangalore.	Manipal University, Manipal	Kasturba Medical College, Mangalore	A continuing health information education program	5 Nov 2016

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
Department of Exercise and Sports Sciences					
3	Kerala State Electricity Board basketball team	State Electricity Board	Government of Kerala	Visited centre for Sports Sciences Medicine and Research for assessment and training.	7-10 Jul 2016
4	Rajiv Gandhi University	RGU	RGU Go India Project	Promoting Physical activity among school children	22 Aug- 10 Sep 2016
Department of Clinical Psychology					
5	Dr Immanuel Thomas	University of Kerala	Trivandrum	Guest lecture on "Process in Psychological research" and also appointed as Adjunct faculty member in the department of Clinical Psychology of SOAHS	23 Mar 2016
6	Dr Bidita Bhattacharya	Department of Clinical Psychology Institute of Psychiatry, Kolkata	Kolkata University	Guest lecture on "Grief Therapy and Counselling"	29 May 2016
7	Ms Lakshmi Saranya	Amrutha Medical College, Kerala	Kerala University	Resource person in CRE workshop on Rorschach Exner's Comprehensive System	29 Sep- 1 Oct 2016
8	Dr P S D V Prasadaraao, Charles	Darwin University	Australia	Has been appointed as an Adjunct Faculty member in the department of Clinical Psychology of SOAHS Manipal for a period of two years	26 Sep 2016
Department of Speech and Hearing					
9	Dr N Shiva Shankar	Bangalore University	NIMHANS, Bangalore	Resource person for National Seminar Speech Audiometry: The Essentials in its Development and Application – A Scopic Review	10-12 Nov 2016
10	Dr Sandeep M	Mysore University	AIISH Mysore	-	-
11	Dr Asha Yathiraj	-do-	-do-	-	-
12	Dr Rashmi Bhat	Bangalore University	ISH, Bangalore	-	-
13	Dr Ajith Kumar	Mysore University	AIISH Mysore	-	-
14	Dr Vinaya Manchaiah	Lamar University, USA	College of Fine Arts and Communication	Adjunct Faculty member and for signing the MoU	20-23 Dec 2016
15	Dr Naveen	Arkansas University, USA	USA	Collaboration	13 Dec 2016
16	Dr N Ramamoorthy, IAEA returnee and Scientist	BARC, Mumbai	Mumbai	Adjunct faculty member	16 Sep 2016

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
Department of Occupational Therapy					
17	Mr Le Tuan Dong	Head of Rehabilitation Department, Administration of Medical Service, MoH		The Department of Occupational Therapy, SOAHS, Manipal, hosted a two-day visit for a six-member delegation from Vietnam and MoU Signature	16-17 Aug 2016
18	Ms Pham Ngan Giang	Head of the Secretariat, Administration of Science Technology and Training, MoH		-	-
19	Mr Pham Dung	Country Director, MCNV Vietnam		-	-
20	Mr Pham Xuan Thanh	Vice Rector, Hai Duong Medical Technical University		-	-
21	Mr Nguyen Van Chinh	Deputy head, Faculty member of Nursing and Medical Technology, University of Medicine and Pharmacy, Ho Chi Minh City		-	-
22	Ms Nguyen Phuong Sinh	Deputy head of Training Department, Thai Nguyen University of Medicine and Pharmacy		-	-
23	Dr Jaya shankar Tedla	King Khalid University	Saudi Arabia	Guest lecture	16-17 Jul 2016
24	Mr Sivalanka Sumansh	Indian Badminton Association, Hyderabad	Hyderabad	Guest lecture	9 Sep 2016
25	Dr Ashokan Arumugam	Umea University	Sweden	Guest lecture	1-2 Oct 2016
26	Mr Im yong	Department of Physical Medicine and Rehabilitation, Yangon General Hospital, University of Medicine,	Myanmar, Burma	Clinical placement/ Academic Collaboration	15 Jun 2016 – 15 Jun 2017

Details of Publications:

National		International	
Indexed	Non-Indexed	Indexed	Non-indexed
28	5	61	9

Conferences attended by Institution faculty members and students:

	National	International
Faculty	100	18
Students	9	15

Details of conferences/workshops conducted by the Institution:

Particulars	National	International
CME/CDE	1	--
Workshops	27	--
Seminars	2	--
Others	10	--

Books/chapters authored by faculty members:

Sl no	Name of the Book	Chapter/s name	Faculty members	Publisher
Department of Clinical Psychology				
1	Psychological intervention in psych-dermatological conditions	First edition, pp 93-106	Dr Shweta Rai	Delhi Health Sciences publisher

Sl no	Name of the Book	Chapter/s name	Faculty members	Publisher
Department of Speech and Hearing				
2	Manipal Manual of EAR Mould Making		Dr Venkataraja Aithal U, Ms Rekha Patil, Dr B Rajashekhar	Manipal University press, Manipal
Department of Physiotherapy				
3	Manual of ICU Procedures	Mobilisation in the ICU	Mr Abraham Samuel Babu	Jaypee Publishers

Details of research grants:

Sl no	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)
Department of Speech and Hearing				
1	Tracing the evidence of phonological dyslexia in Semi-syllabic orthography	Dr B Rajashekhar	DST, Govt of India	25,45,000
Department of Optometry				
2	To Develop and validate automated home amsler grid (E-msler) for screening sight threatening eye (MACULAR) diseases	Dr Ramesh SVe	DST-Tie (Proposal id SEED/TIDE/015/2014)	30,51,699
3	Development of Smartphone based eye imaging system	Dr Ramesh SVe	Biotechnology Ignition grant, BIRAC, DBT (BIRAC/ VENTURE0033/BIG05/ 14)	46,83,000
Department of Physiotherapy				
4	Diabetic foot - Stepping ahead	Dr G Arun Maiya	World Diabetic Foundation, Denmark	1,40,00,000
5	Enhancing brain plasticity for sensorimotor recovery in spastic hemiparesis	Dr Mindy F Levin, Professor, School of Physiotherapy and Occupational Therapy, McGill University, Montreal, Canada	Joint Canada-Israel Health Research Program (Canadian Institute of Health Research and Israel Science Foundation)	65,07,504
Department of Nuclear Medicine				
6	Tissues electrical properties as a tool for early detection of Hepatocellular carcinoma.	Dr Sanjay Bharati	DST SERB Research Grant	31,91,430
Department of Medical Laboratory Technology				
7	Effect of Low Level Laser Therapy on Neuropathic Pain Specific Markers and Circulating Micrnas in Painful Diabetic Peripheral Neuropathy – A Randomised Controlled Trial	Dr Saleena Ummer Associate Professor and Head, Department of Medical Laboratory Technology, School of Allied Health Sciences, Manipal University	Department of Biotechnology Ministry of Science and Technology Government of India New Delhi, India	Submitted
8	Study on cytosolic and mitochondrial redox potential in children with clinical suspicion of respiratory chain disorder (19299)	Dr Saritha Kamath U	Dept. of Biotechnology Ministry of Science and Technology Government of India New Delhi, India	Submitted

Awards/recognitions:
Faculty members:

Sl no	Name	Details	Date
1	Dr Rajesh Kumar Sinha, HOD, Department of HIM	Seed money of Rs 25,000 has been granted by MU, titled "Developing a prototype for wearable device to track Diabetes Mellitus"	18 Oct 2016

Sl no	Name	Details	Date
2	Mr Rahul Kotian, Associate Prof of Department of Medical Imaging Technology	-Won the best paper award in third National and First International Conference organized by Indian Society of Radiographers and Technologists, Hyderabad -Man of the series at Kasargod, Calicut and Hyderabad – T20 State level cricket tournament.	1–3 Sep 2016 19 – 25 Mar 2016
3	Dr Fiddy Davis HoD, Department of Exercise and Sports Science	Inducted as the member of the Executive Council – Manipal University; Member of the risk mitigation steering committee of Manipal University	20 Oct 2016
4	Mr Baskaran Chandrasekaran, Associate Prof of Department of Exercise and Sports Sciences	Become an American College of Sports Medicine Certified “Exercise Physiologist”	27 May 2016
5	Dr Shweta Rai A Associate Professor Department of Clinical Psychology	Received the Prof Deepak Bhat Award on 51st National and 20th International Conference of Indian Academy of Applied Psychology, for the paper titled “Neurological correlates of threat perception in social anxiety”	9 May 2016
6	Dr Sunila John, Associate Professor of Department of Speech and Hearing	Dr TMA Pai Gold Medal award for the year 2016 for the article entitled “World Retrieval Ability on Phonemic Fluency in Typically Developing Children”	30 Dec 2016
7	Dr Hari Prakash, Associate Professor, Speech and Hearing	Awarded PhD	26 Oct 2016
8	Ms KR Banumathe, Associate Prof Department of Occupational Therapy	She was awarded the Gazala Makda Trophy for Best Scientific Paper in Paediatrics category at the 53rd Annual National Conference of AIOTA held at Chennai from 29 Jan 2016 to 31 Jan 2016. Her study title was “Relationship between visual motor integration and academic performance in elementary school children: a cross sectional study”	31 Jan 2016
9	Mr Abraham Samuel Babu, Associate Prof of Department of Physiotherapy	Honorary Research Fellow Department of Cardiology, Austin Health, Melbourne, Australia	1 Jul 2016
10	Dr Shivananda Bhushan, Associate Professor, Department of Nuclear Medicine	-Awarded as a NABH Internal Auditor for Kasturba Hospital -Member of Special Committee to compliance AERB Guidelines at Manipal University Manipal -External Expert Member for BOS of Nuclear Medicine at SVIMS, Tirupati	13 Aug 2016

Students:

Sl no	Name	Details	Date
1	Department of HIM Placement: Mr Shibor, student of 2014 batch of MSc Health Informatics. Ms Gabreena, student of 2014 batch of MSc Hospital and Health Information Administration	Got placed as Business Systems Analyst at Dell Business Process Solution.	25 May 2016
2	Department of Exercise and Sports Sciences Placement: 1) Mr Nelson P Mathew 2) Mr Chavan Ajay Pandit 3) Ms Masroora K	At Centre for Sports Medicine, Kokilaben Dhirubhai Ambani Hospital, Mumbai, Centre for Sports Medicine, Sir HN Reliance Foundation Hospital, Mumbai and RMCO fitness Academy, Calicut	17 Dec 2016 23 Dec 2016

Sl no	Name	Details	Date
3	Ms Andrea Salins Second Year PG	Won "Shaila Vora Award" for oral presentation on Eye Movement Correlates of Syntactic Processing in Kannada: A Preliminary Study presented at the Forty-Eighth National Conference of Indian Speech and Hearing Association held in Mumbai	5-7 Feb 2016
4	Ms Pranathi Kavi Second Year PG	Won Dr BM Abrol Award for oral presentation Investigation of Swallowing function in young adults using the Dysphagia Handicap Index "presented at the Forty-Eighth National Conference of Indian Speech and Hearing Association held in Mumbai	5-7 Feb 2016
5	Rohit Ravi PhD Candidate	Audiology Research Travel Award, by American Speech-Language and Hearing Association (ASHA), For the eightieth Annual Convention of ASHA, to be held at Philadelphia, USA	16-19 Nov 2016
6	Rohit Ravi PhD Candidate	Awarded Best Research Publication for Knowledge and attitude of parents/caregivers towards hearing loss and screening in new-borns – a systematic review	28 Dec 2016
7	Dhanshree Gunjawate PhD Candidate	Awarded Best Research Publication for Knowledge and attitude of parents/caregivers towards hearing loss and screening in new-borns – a systematic review (co-author)	28 Dec 2016
8	Ms Kshema	India Vision Institute Student Research Scholarship award	21 Dec 2016
9	Ms Tanaya Desai	Dr TMA Pai Gold Medal for the best outgoing student for the year 2015-16 was awarded in Manipal University Convocation	19 Nov 2016
10	Mr Sainath (Intern)	Received individual Championship trophy and Best player award in Swimming competition	24 Aug 2016
11	Ms Maryam Al Hajri PG student, Department of CVT	Our PG student Ms Maryam Al Hajri secured second prize in oral paper presentation	1 Nov 2016
12	Ms Maya, BScNMT, V Sem	Presented paper in SNMI (SC) Conference Under the guidance of Mrs Vasumathi won the First Prize	13-14 Aug 2016
13	Ms Tanve Chittal PGDNMT	Won the third Prize in Poster Competition organized by ICNM, at Manipal	17-20 Nov 2016

Photo archive of important events:



Continuing Medical Education, an up date on Manipal Cardiology Update-2016, organised by CVT department on 1st November 2016.



A workshop organized by the department of optometry on "The technical aspects of Progressive Addition Lens Dispensing" on 7 Apr 2016 with the support from the Industry Essilor India Private Limited Mr Arun Nagaraj and Mr Krishna from Essilor Academy were the resource persons for the workshop.



Department of Optometry inaugurated "Self-Vision Screening Chart" and State Bank of India (SBI) Manipal sponsored this event on 13 Oct 2016 on the "World Sight Day"



6A Side Cricket (Fund raising event) organised by Student Affairs committee, SOAHS.



The Department of Optometry participated in Global Hand Washing session on 15 Oct 2016 conducted by Kasturba Hospital Manipal



Voice screening program conducted on 23 Sep 2016 at BM. Aided Higher Primary School Parkala and on 2 Dec 2016 at UBMC Aided Higher Primary School, Udupi



International Stuttering Awareness Day – Street play at Tiger Circle for general public



National Seminar on Speech Audiometry on 22–24 Oct 2016 – The Essentials in its Development and Application



Visit of adjunct faculty – Dr Vinaya Manchaiah (Lamar University) Dec 2016 and Dr Naveen (Arkansas University) Dec 2016



Department of Respiratory Therapy conducted Cultural activity of Respiratory Care week program on 2 Dec 2016



Dr Roopalekha Jathanna at ISER International conference at Barcelona, Spain

Alumni awards

Distinguished Alumni Award, School of Allied Health Science – 2016

Dr Sanjivan Gautam, Alumni of Medical Laboratory Technology, SOAHS received distinguished alumnus award 2016 during annual day of SOAHS on 12 Feb 2016. He is the student of BSc Medical Laboratory technology 2007 Batch. He recently received the prestigious Nepal vidyabushan presidential gold medal for outstanding achievement in foreign university. Based on his academic credentials he is awarded with best scholarship by Government of India to perceive Masters in biotechnology in Jawaharlal Nehru University, New Delhi in the year 2007. He completed his PhD at University of Freiburg in the year 2013. Presently, he is researcher in National Cancer Institute (NCI) Bethesda.



Department of PT, Onfield injury and Management service was given to 41st Junior National Badminton Championship organised by Udupi District Badminton Association Udupi held at Udupi.



Workshop on Antenatal Physiotherapy



The Department of Occupational Therapy, School of Allied Health Sciences, Manipal University, has signed an MoU with Medical Committee Netherlands – Vietnam (MCNV)



OT - Euphoria 2016 celebration

LECTURE SERIES -III, IV, V & VI



Dr. Gopal Krishna Bhat on emerging trends in Antibiotic resistance, Dr. Muralidhar Varma on Clinical perspective on laboratory testing in infectious diseases. Dr. Ravindra Maradi, on quality control in Clinical Biochemistry laboratory, Dr. Kavitha Saravu on Changing Malaria Landscape- An update, Dr. Chiranjoy Mukhopadhyaya on Antimicrobial

SCHOOL OF LIFE SCIENCES

Planetarium Complex, Manipal – 576 104

Phone Number: 0820 2922058

Email-Office: mlsc@manipal.edu, Dean: ksatyamoorthy@manipal.edu



Name of Dean: Dr K Satyamoorthy

Established: 2006

Programs:

- MSc Medical Biotechnology
- MSc Molecular Biology and Human Genetics
- MSc Bioinformatics
- MSc By Research in Life Sciences
- BSc Biotechnology
- Certificate Course in Bioinformatics
- BT Finishing School (Cellular and Molecular Diagnostics) Diploma Program
- PhD in various specialities

About institution/school:

The School of Life Sciences (SOLS) has TIFAC-CORE (Technology Information, Forecasting and Assessment Council - Centres of Relevance and Excellence), which is a centre of excellence in the area of Pharmacogenomics. SOLS is actively promoting advanced research in India and abroad. The Centre conducts international conferences and workshops for promoting new enthusiasm amongst young scientists. The Centre is thriving on the excellent research faculty members, facility and resources, aiming to become the nation's number one research and learning

centre. SLS is associated with three major activity areas, viz., research, education and diagnostics. The Centre offers specialised diagnostic services in molecular genetics and cytogenetics including molecular cytogenetics. The facility is being used not only by the hospitals attached to Kasturba Medical College at Manipal and Mangalore but also by various other hospitals. The Centre is fully equipped and has sophisticated instruments including flow cytometer, microarray facility, green house, PCR units and automated DNA sequencer among many others.

Institutional activities/curricular activities:

New initiatives:

Sl no	Activity	Particulars
1	New Course MSc by Research in Life Sciences	The scope of the program will be at the conclusion of the program to acquire the following core competencies 1. Information literacy and skills to retrieve and review existing evidence 2. Planning, designing and executing a research project 3. and practical knowledge of managing ethical issues and regulatory approvals of protocols (e.g., Biosafety) 4. Managing research data (include bioinformatics) and implementing statistical analysis 5. Writing of research thesis and presenting the arguments (defence) 6. Communicating research outcome to scientific community – conference presentations, original publications and reviews, outreach programs to the community is also a laudable goal 7. Developing a research proposal in biomedical research 8. Enhancing research visibility by developing trained human resources

All other activities in the department relating to the program/course:

Sl no	Activity	Particulars
1	Science Exhibition for National Science Day (Feb)	Dr Vinod Bhat, Vice Chancellor of Manipal University inaugurated a science exhibition at SOLS Manipal University on 27 Feb 2016, which displayed models and experiments covering the various aspects of science. The exhibition was part of the National Science Day celebrations of the SOLS Manipal University. About 50 exhibits including models of engines, lasers, smart house, kidneys, mitochondrial functions, personalised medicine, bio indicators, magical flowers and also experiments in fields of biology and chemistry were on display. The exhibits were showcased by high school students of the class 10 from schools in Udupi district, and faculty members and research scholars from SOLS. A residential training was also part of the program at the institution during that week.
2	Refresher Course for Teachers (Feb – Mar)	The SOLS Manipal University (Manipal) organized a Refresher Course for Teachers on “Advanced Laboratory Techniques in Cell and Molecular Biology” from 29 Feb to 12 Mar 2016, with the goal to impart training skills and update knowledge about latest developments in the field of Cell and Molecular Biology to teachers. About 25 teachers at the graduate and post-graduate levels from around the country were selected to participate and benefit from the course.
3	Prof J V Bhat Memorial Oration 2016 (Mar)	Prof Umesh Varshney delivered the tenth Annual Prof J V Bhat Memorial Oration (Indian Institute of Science, Bengaluru) at a function held at Manipal University on 3 Mar 2016. Dr Varshney paid homage to his memory by listing out Prof Bhat’s legacy and accomplishments during his tenure at IISc and how Prof Bhat’s research has contributed to the developments that have been happening in the field of microbiology in the country. The annual event is organized by the SOLS Manipal University.
4	INSPIRE 2016 (May)	The seventh Innovation in Science Pursuit for Inspired Research (INSPIRE) internship program conducted by the SOLS, Manipal University, Manipal, was inaugurated on 24 May. Mr Chakravarthy Sulibele (renowned journalist, author and activist) and Dr Vinod H Bhat (Vice Chancellor, Manipal University) inaugurated the program. More than 180 toppers from different schools of Karnataka participated in the event, which is part of a Department of Science and Technology (Govt of India) sponsored initiative to inculcate a scientific spirit to toppers in schools and to promote science research as career option.
5	Hands-on Training on Quantitative Digital PCR (Aug)	SOLS, Manipal and Thermo Fisher Scientific jointly organized a hands-on training program on “Quantitative Digital PCR” on 2 Aug 2016. Around 25 participants from different parts of the country participated in the workshop to be trained on the quantitative digital PCR set up, analysis and applications. Dr Sanjiban Chakrabarty and a team of experts from Thermo Fisher interacted and explained the nuances of the instrument and the method to the participants.

Sl no	Activity	Particulars
6	Indo-Japan International laboratory inauguration and Symposium on Traditional Medicines and Modern Biotechnology (Aug)	The SOLS, Manipal University in collaboration with the Department of Biotechnology (DBT), Government of India and National Institute of Advanced Industrial Science and Technology (AIST), Japan organized a Symposium on "Traditional Medicines and Modern Biotechnology" on 4 Aug 2016 to mark the inauguration of the fourth "DBT-AIST International Laboratory for Advanced Biomedicine" (DAILAB@MU-Manipal), and the first at Manipal. This collaborative arrangement between the two Institutions is aimed at an exchange of research knowledge, expertise, education and training in areas of mutual expertise in the Biomedicine domain. Dr H Vinod Bhat (Vice-Chancellor of Manipal University, Manipal), Dr Yoshi-hiro Ohmiya (Director of BMRI-AIST, Japan), Dr Yoshiaki Onishi (BMRI-AIST, Japan), Dr Ramjee (Director of International Relations, Manipal University, Manipal), Dr Sunil Kaul and Dr Renu Wadhwa (AIST, Japan) graced the occasion in the presence of Dr MS Valiathan (National Research Professor, Manipal University) and Dr K Satyamoorthy (Director, SOLS, Manipal University) and signed a memorandum of understanding.
7	Hosting of expert committee meetings (Aug)	The School was gratefully proud to host the "Ayurvedic Biology Task Force Meeting" on 10 Aug 2016 and the "Group Monitoring Workshop and sixth Meeting of SERB Young Scientist – Life Sciences Expert Committee" from 11 to 13 Aug 2016.
8	Hands on workshop on basic techniques in Cell Culture (Sep)	KMC Mangaluru and SOLS Manipal jointly organized a "Hands on workshop on basic techniques in Cell Culture", on 27 and 28 Sep 2016 at the Kasturba Hospital, Mangaluru. The Pro-Vice Chancellor of Manipal University, Dr V Surendra Shetty in the presence of Dr M Venkatraya Prabhu, Dean of KMC Mangaluru and Dr Anand Venugopal, Medical superintendent of KMC Hospitals, Mangaluru, inaugurated the workshop. The two days hands on workshop in cell culture techniques attracted significant enthusiasm and participation among the research fraternity in the coastal Karnataka region. The workshop provided knowledge and hands on practice to the participants.
9	DAILAB Webinar Series (Sep and Nov)	As part of the Classroom for Advanced and Frontier Education (café) initiative under the Indo-Japan DAILAB program, students and researchers of the School participated in two webinars in September and November this year, with other partner institutions in India, South Korea, Japan, Indonesia, Singapore and Sri Lanka. The first webinar was held on 28 Sep 2016 with an audience of undergraduate and postgraduate students, research scholars and faculty members. The speaker was Dr Akshay Anand, (Department of Neurology, Post Graduate Institute of Medical Education and Research (PGIMER), Chandigarh, India) who spoke on the topic "Age related macular degeneration (AMD) in India: The missing links". The second webinar was held on 16 Nov 2016. The presenter was Dr Yuko Takagi (AIST, Japan), who spoke on "Unique gene expression strategy of Trypanosoma and its implication as drugs target", covering the prevalent neglected tropical diseases such as Human African Trypanosomiasis, Chagas disease caused by protozoans. Both the webinars witnessed active participation and discussion among the students and researchers from different parts of the world.
10	Hands-on workshop on Confocal Microscopy (Oct)	SOLS conducted a two-day workshop on confocal microscopy on 5 to 6 Oct 2016. The event was inaugurated by Dr K Satyamoorthy in the presence of Dr Manoj Mathews (Technical Manager, Central Imaging and Flow Cytometry, National Centre for Biological Sciences, Bengaluru) and a team of experts from Leica Microsystems. Dr Mathews presented two lectures on the basics of microscopy and confocal microscopy. The 30 plus participants of the workshop gained hands-on training on the working of the confocal microscope, sample preparation and interpretation and analysis of the images, through a series of sessions conducted by Dr Shamaprasada and the industry team along with researchers from SOLS. The workshop concluded with a valedictory and certificate distribution.

Sl no	Activity	Particulars
11	Hands on workshop on basic techniques in Cell Culture (Oct)	A hands-on training in cell culture technique was organized at the SOLS Manipal University on 25 Oct 2016 to enhance the skills in cutting edge research. Thirty-one researchers and faculty from different institutions of Udupi, Dakshina Kannada Districts have participated in the day-long workshop. The participants had hands on training sessions in the laboratory, which gave them opportunity to perform basics of cell culture experiments under the supervision of Dr Shamaprasada and Mr Bharath Prasad with the assistance of Ms Rekha Nayak and Ms Shobha.
12	Fifth Annual Meeting of the Society of Biological Chemists India-Coastal Karnataka Chapter (Nov)	The fifth Annual Meeting of the Coastal Karnataka Chapter of the Society of Biological Chemists (India) (SBC (I)) was held at the Interact Building of Manipal University on Saturday, 5 Nov 2016. Organized by the SOLS, Manipal University, Manipal, the event was inaugurated by Dr H Vinod Bhat (Vice-Chancellor, Manipal University). The 160-odd participants from various colleges and universities in the region, listened to more than 10 lectures on a range of topics from opportunistic gut microbes, marine biotoxins and food safety measures, Hepatitis C virus pathogenesis, diabetes and NETs, epigenetics of cervical cancer, to biological imaging, nanocarriers for drug delivery and peopling of Lakshadweep islands
13	Hands-on training workshops in Polymerase Chain Reaction (Dec)	These one-day workshops were conducted at Kasturba Hospital, Kasturba Medical College Mangaluru on 6 Dec 2016 and at SOLS Manipal on 23 Dec 2016. Participants gained hands on experience on precisely how to do these experiments and understood the complexities to enhance their learning and practical skills. Resource persons included Dr Saadi Abdul Vahab, Dr T S Murali, Dr Sanjiban Chakrabarty, Dr Bharath Prasad, Mr Rajesh and Ms Sandhya. A total of 50 participants learned state of the art knowledge and underwent rigorous hands on training.

Extra-curricular activities:

Sl no	Activity	Particulars
1	National Youth Day (Jan)	The values and the philosophy of Swami Vivekananda were analysed and expounded to an attentive audience at the SOLS Manipal University on 12 Jan 2016. On the occasion of National Youth Day celebration and 153rd birth anniversary of Swami Vivekananda, organized a talk by Mr KP Nandhan Prabhu (Assistant Professor, SOM Manipal University), who brilliantly analyzed the reason for celebrations of the national icon. He also pointed out the salient features of the principles as outlined by the Swamiji, whose speeches within the country were galvanising, while more analytical in the West.
2	Matribasha Diwas (Mar)	For the second successive year, the SOLS Manipal University celebrated "Matribhasha Divas" on 3 Mar 2016 with enthusiastic, fun-filled performances by the students, staff and faculty members. The master of ceremony, Chaitra (PG Diploma), started the event, which was followed by a Marathi invocation prayer by Ketki Mulay (BSc). Dr Satish Rao (Professor, SOLS) welcomed the gathering. The events that followed included a presentation by Ritobrata Sengupta (BSc) on the vibrant cultural diversity in India, a Kannada prayer by Poojitha (PG Diploma), a Bengali song by a group of BSc students (Noyontara Bose, Aparajita Mitra, Subarnarekha Chatterji, Sagnik Pal and Samayitree Das), a presentation on one of the oldest Dravidian languages – Tulu – by Mr Harish Rao (administrative staff, SOLS), an Urdu poetry recital by Anirudh Gupta and a Kannada song by Apurva. Harsh Ranawat delivered the vote of thanks.
3	Annual Day 2016 (Apr)	Talks about the scientific potential of natural products, potential for biotechnology and the promising potential of youngsters were the main themes of the Annual Day of the SOLS Manipal University on 28 Apr 2016. Celebrating the 10th Annual Day of the institution, the theme of having experts from academia and industry was continued with the gracious presence of Dr Ram Vishwakarma (Director, CSIR-Indian Institute of Integrative Medicine, Jammu), Dr Narendra Chirmule (Senior Vice-President, Biocon Ltd, Bengaluru),

Sl no	Activity	Particulars
3	Annual Day 2016 (Apr)	Dr Narayana Sabhahit (Registrar, Manipal University), Dr Helmut Brand and Dr Angela Brand (Maastricht University, the Netherlands). Dr B S Satish Rao (Head, Department of Radiation Biology and Toxicology, SOLS) welcomed the gathering. Annual awards and prizes were distributed. This was followed by an eclectic mix of cultural programs by students, faculty members and staff of SOLS.
4	Sports and Athletics 2016	<p>The year 2015–2016 was filled with sports and athletic events at the SOLS, which saw the enthusiastic involvement of all the students, research scholars, faculty members and staff. The summary of all the sports and athletics events participated during this academic year is mentioned below.</p> <ul style="list-style-type: none"> • The inter batch sports event started with basketball tournament, which was held in the month of November. A team lead by Mr Akheel Anees won the tournament by defeating MSc second year students in a comprehensive manner. • Six-a-side cricket held during the month of November between teams from student batches, research scholars and faculty members. Student team emerged as the champions in this tournament by beating research scholars in a tense final match. • Volleyball tournament was held in the month of November. The staff team comprehensively beat the research scholars' team to claim the championship. • Throw ball was held in the month of October. MSc team emerged as the champion by beating the BSc team. • Badminton matches were held on 6 Mar 2016. In the men's singles, Mr Pankaj Semwal (MSc second year student) emerged as the winner by beating Mr Vaibhav Shukla in the single finals. • Ms Alfa Rodriguez (BSc first year student) won the Women's singles event by beating Ms Chaitra (BTFS) in a nail biting final. • Mr Rukmesh and Ms Alfa Rodriguez (BSc first year students) won the mixed double's event. • Mr Sahil Cadiri and Mr Rudranath Ghosh (BSc second year students) won the carrom and chess tournaments respectively. • The students enthusiastically participated in Manipal University Inter collegiate football (28 Mar), Throw ball (30 Mar) and Athletic meet (25 and 26 Feb) held at the MIT athletic ground. <p>The Annual Sports Day was held on 18 Mar 2016 with a series of track and field events combined with sports events. Students, research scholars, faculty members and staff participated in all the events with vim and vigour, albeit in a friendly and sportive manner. Competition was tough, as was the sun. The Chief Guest of the day was Dr Rajashekar (Dean, School of Allied Health Sciences, Manipal University) who distributed the awards and gave a rousing speech.</p>
5	Manipal University Intercollegiate Best Physique competition – 2016	Manipal University for the consecutive third year gave SOLS the responsibility to host the intercollegiate Best Physique competition - 2016. Dr Harishchandra Hebbar of SOIS, Manipal University inaugurated on 21 Mar 2016. The inaugural event was followed by Best Physique demonstration by Mr Anshul Augnivansh, Alumnus of MIT, Manipal University. A total of 12 participants participated under 4 different categories (65 kg, 70 kg, 75 kg and above 75 kg). Mr Angshuman Deka, final year Mechanical engineering student, MIT bagged the crown of "Mr Manipal University 2016"
6	Swachh Bharat Pakhwada (Sep–Nov)	The SOLS, Manipal University has shown active participation in the "Swachh Bharat Abhiyan" campaign of the Government of India through a variety of activities. The college organized a series of activities from 1–15 Sep 2016 under Swachh Pakhwada including sensitisation programs such as essay and painting competitions on the topic "cleanliness". Students of the college voluntarily participated in cleaning activities in and around the premises, and staff members actively worked for weeding out and removal old and unused files and equipment. To conclude the 15 days of Swachh Pakhwada campaign, on 15 Sep SOLS organized a "Swachh Diwas" with Mr Raghavendra BS (Environmental Engineer, Udupi District) as the Chief Guest, who spoke on "Importance of Cleanliness and Sanitation".

Sl no	Activity	Particulars
		The second phase of this campaign was held during November with a culminating event on 9 Nov 2016. Enthusiastic students from MSc first year performed a short mime act, addressing everyday habits of the common man which has to be changed for a cleaner nation. The Chief Guest for the event was Dr Muralidhar V Pai (Professor and Head of Department of Obstetrics and Gynaecology, KMC, Manipal). Everyone in the school took a pledge to devote time and effort in the process of making the country cleaner and to encourage others to do their bit for "Swachh Bharat Abhiyan".
7	National Unity Day Celebrations (Oct)	To pay tribute to Sardar Vallabhbhai Patel on his birthday, the SOLS Manipal organized events dedicated to appreciate his contribution to this nation, on 31 Oct 2016, also celebrated as "Rashtriya Ekta Diwas" or "National Unity Day". The students, researchers and employees in the gathering commemorated the messenger of unity with a song of national importance, a talk on the history of the Republic of India and how Sardar Patel played a role in the unity of India. The event culminated with a pledge for national unity and integrity. The Chief Guest for the day was Dr Aravind Kumar, Professor and Head of the Department of Geo-politics and International Relations at Manipal University, Manipal. The event helped the current generation to appreciate the struggle during the independence movement and be grateful for the "unity in diversity motto practiced by the great leader.
8	Constitution Day Celebrations (Nov)	The SOLS celebrated "Constitution Day" on 26 Nov 2016 by conducting an awareness session on the Fundamental Rights and Duties, which was attended by faculty members, staff, research scholars and students. The speaker of the day was Mr Prakash Kanive (Principal, Vaikunta Baliga College of Law, Udupi). Since 1979, the day has been celebrated as "Law Day" based on the orders of the Supreme Court Bar Association. However, in 2015 the Government of India declared it as "Constitution Day". The talk by Mr Kanive and the interactions helped in gaining further insights into the fundamental rights and duties as citizens of this country

Details of guest visit:

Guest lectures:

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
1	Prof Frank Fabian Bier Dr Joerg Nestler Dr Harald Michael Peter Dr Andreas Morschhauser		Fraunhofer Institute for Cell Therapy and Immunology, Branch Bioanalytics and Bioprocesses Managing Director - BiFlow Systems GmbH, Technologie-Campus, Chemnitz Fraunhofer Research Institution for Electronic Nano Systems	As part of the IGSTC collaborative research project	3-5 Feb 2016
2	Mr Patrick Power, Deputy Director, International Office and Ms Jaspreet Kaur, India Representative	Queen Mary University of London, UK			08 Feb 2016
3	Dr Santhosh Karanth	School of Medicine, University of Utah, Salt Lake City, USA		Lecture on "Deranged Pathways in Metabolic Diseases: Tales from the Zebra Fish Model System"	19 Mar 2016

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
4	Prof Dr Angela Brand Prof Dr Helmut Brand	Maastricht University	Institute for Public Health Genomics, Faculty of Health, Medicine and Life Sciences Jean Monnet Professor of European Public Health, Head of the Department of International Health	Lecture on "European Strategy for Personalised Medicine" Lecture on "European Public Health"	27 Apr 2016
5	Dr Chamindie Punyadeera		Queensland University of Technology, Australia	Lecture on "Linking Saliva with Oral and Systemic Diseases"	24 May 2016
6	Prof Mieke Van Driel, and Mr Stefan Edward Alfons	University of Queensland	Deputy Head, School of Medicine (Academic Programs), Head, Discipline of General Practice, School of Medicine	For discussion in the areas of health sciences and potential collaborative activities	9 Jun 2016
7	Dr Sooryanarayana Varambally	University of Alabama at Birmingham	Associate Professor, Department of Pathology and Comprehensive Cancer Centre	Presented a talk on "An integrative approach to identify oncogene and tumour suppressor networks in cancer"	8 Jul 2016
8	Dr Soe Win, Permanent Secretary along with a delegation comprising Dr Maung Muang Naing, Rector (Lashio University), Dr Tin Maung Tun, Rector (Sittwe University) and Nyunt Soe, Rector	Pyay Technological University	Ministry of Education, Myanmar	To see the facilities and for discussions with the Director	5 Oct 2016
9	Dr Vito Ferro (Director of Biotechnology Program)	University of Queensland	School of Chemistry and Molecular Biosciences	Interactions with faculty members, researchers and students and presented his work on "Heparan Sulfate Mimetics: Promising Therapeutics for a Wide Range of Diseases"	10-11 Oct 2016
10	Dr Bijendra Patel	Queen Mary University of London, London	Clinical Senior Lecturer	For discussions on Cancer Research Institute	10 Nov 2016

Details of Publications:

National		International	
Indexed	Non-Indexed	Indexed	Non-indexed
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Conferences attended by Institution faculty and students:

	National	International
Faculty	21	15
Students	14	10

Details of conferences/workshops conducted by the institution:

Particulars	National	International
Conferences	1	1
Workshops	7	--
Seminars	1	--
Others	2	--

Books/chapters authored by faculty members:

Sl no	Name of the Book	Chapter/s name	Faculty members	Publisher
1	Climate Change - Combating through Science and Technology (Ed) Kinhal GA, Dharni AK, Upadhyay AP and Dugaya D	Impact of Climate Change on Agricultural and Horticultural Crops – an overview	Annamalai Muthusamy, Raviraj Devkar and Shruthi Balakrishnan	M/s Bishen Singh Mahendra Pal Singh, Publishers and Distributors, Dehra Dun – 248001, India. Pp 245-255.

Details of research grants

Sl no	Project Name	Principal Investigator	Funding agencies	Total grant
1	Microfluidic based detection of microbial communities and antibiotic responses in the management of diabetic foot ulcers (MIDARDI)	Dr K Satyamoorthy	Indo-German Science and Technology Centre	65,00,000.00
2	Role of Medhya Rasayana on Aging and Stress-Induced Autophagy in Hippocampus	Dr Guruprasad K P	DST, New Delhi	15,93,281.00
3	DST Inspire Fellowship	Ms Supriti Ghosh	DST, New Delhi	6,72,404.00
4	Functional Characterisation of Mitochondrially Encoded micro RNA's (miRNAs) in Triple Positive and Negative Breast Cancer	Dr Sanjiban Chakrabarty	SERB, New Delhi	10,00,000.00
5	Organising the INSPIRE Program Internship Science Camp during 26-30 May 2015	Dr K Satyamoorthy	DST, New Delhi	1,74,955.00
6	Barcoding Project	Dr K Satyamoorthy	Enovate Biolife Private Limited, Mumbai	50,838.00
7	Development of probes based on a human BAC library for the diagnosis of disease for use in situ hybridisation and in microarray (Phase-I)	Dr K Satyamoorthy	BIRAC, New Delhi	11,96,000.00
8	γ-H2AX foci analysis for the management of early triage and its semi-automatisation for high through put analysis	Dr B S Satish Rao	BRNS, New Delhi	1,13,979.00
9	Science camp under inspire internship component of INSPIRE Program - 2016	Dr K Satyamoorthy	DST, New Delhi	8,00,000.00
10	Travel Grant	Ms Mallika Priya	SERB, New Delhi	1,06,382.00
11	CSIR – Fellowship	Ms Samatha Bhat	CSIR, New Delhi	1,63,400.00
12	Refresher course on Advanced Laboratory Techniques in Cell and Molecular Biology	Dr K Satyamoorthy	Indian Academy of Sciences, Bangalore	5,20,741.00
13	Anticancer Drug Discovery-Cyno	Dr K Satyamoorthy	Cyno Medicaments, New Delhi	20,00,000.00

Sl no	Project Name	Principal Investigator	Funding agencies	Total grant
14	Consultancy services- Public Health Genomics	Dr K Satyamoorthy	Maastricht,the Netherlands	3,70,000.00
15	Travel Grant	Ms Kavitha	DBT, New Delhi	33,598.00
16	Barcoding Medicinal Plants	Dr K Satyamoorthy	The Managing Trustee, Ayurvedy Trust, Bangalore	100,000.00
17	DST Inspire Fellowship	Ms Kavitha	DST, New Delhi	3,89,600.00
18	Travel Grant	Mr Manjunath S	CICS, New Delhi	25,000.00
19	Analysis of Proteins Stem Cell in Culture	Dr K Satyamoorthy	Stempeutics Research Pvt Ltd, Bangalore	4,96,930.00
20	Evaluation and Optimisation of the Use of Laser Radiation for Burn Wound Therapy - An in Vivo Experimental Study	Dr Krishna Kishore Mahato	BRNS, New Delhi	3,07,287.00
21	Investigations on the Prenatal and Postnatal EMF Radiation Exposure in a Mouse Model	Dr B S Satish Rao	SERB, New Delhi	14,00,000.00
22	Science Camp under inspire Internship component of INSPIRE Program - 2016	Dr K Satyamoorthy	Academy of General Education	1,17,000.00
23	Study of the role of human host factors for susceptibility and the Host- Parasite interaction erythrocyte phase of infection by plasmodium falciparum for diagnosis and therapy of malaria	Dr Saadhi Abdul Vahab	ICMR, New Delhi	7,74,740.00
24	DBT-TWAS Fellowship	Dr Mutiu Wunmi Alabi	CICS, Chennai	2,76,474.00
25	DST Inspire Program 2014	Dr K Satyamoorthy	DST, New Delhi	1,75,000.00
26	Functional and Structural Characterisation of Snake Venom Proteins from Bothrops atrox with Angiogenic Potential	Dr K Satyamoorthy	DBT, New Delhi	11,82,800.00
27	Organizing meeting of Expert Committee of Young Scientists and Group Monitoring Workshop in the area of Life Sciences held from 11-13 Aug 2016 at Manipal University	Dr K Satyamoorthy	SERB, New Delhi	13,00,000.00
28	Induction of Somaclonal Variations in Phyllanthus Amarus.Schum and Thonn. And Phyllanthus Urinaria Linn by In Vitro Mutagenesis.Screening of Mutant Plants with Enhanced Secondary Metabolites for Biomedical Applications.	Dr Annamalai Muthusamy	ICMR, New Delhi	76,742.00
29	Ayurveda Biology Task Force Meeting	Dr K Satyamoorthy	SERB, New Delhi	3,50,000.00
30	Photo acoustic spectroscopy based objective assessment of breast tumour progression in vitro/in vivo	Dr Krishna Kishore Mahato	DBT, New Delhi	26,05,000.00
31	Thrombin/Fibrinogen Preparation and Analysis	Dr K Satyamoorthy	Juggat Pharma, Bangalore	20,265.00
32	DNA fingerprinting of botanical samples	Dr K Satyamoorthy	Enovate Biolife Pvt Ltd, Mumbai	15,114.00
33	Identification Molecular Characterisation of Dendrobium Species of Western Ghats, their Conservation for Moscatilin Screening and Bioproduction through In Vitro Strategies	Dr Vidhu Sankar Babu	ICMR, New Delhi	23,635.00

Sl no	Project Name	Principal Investigator	Funding agencies	Total grant
34	Evaluation of the impact of allels specific gene expression on therapeutic to oral hypoglycemic drugs in type 2 diabetes	Dr Padmalatha S Rai	SERB, New Delhi	15,73,000.00
35	Indo-South Africa - Characterisation of withanolides biosynthetic pathway genes and withanolide contents in vegetative and reproductive phase of Withania Somnifera (L) Dunal under Salinity stress	Dr Annamalai Muthusamy	DST, New Delhi	8,68,100.00
36	Barcoding Project	Dr K Satyamoorthy	Natural Remedies, Bangalore	68,310.00
37	Consultancy services-Sysmex India Private Limited	Dr K Satyamoorthy	Sysmex India Private Limited, Mumbai	15,000.00
38	ICMR Fellowship	Ms Mallika Priya	ICMR, New Delhi	61,600.00
39	DST Fist Program	Dr K Satyamoorthy	DST, New Delhi	94,566.00
40	ICMR Fellowship	Mr Balakrishnan	ICMR, New Delhi	3,89,600.00
41	ICMR Fellowship	Mr Venu S	ICMR, New Delhi	3,89,600.00
42	Mitochondria as an early indicator of cellur stress upon xenobiotic and radiation exposure	Dr B S Satish Rao	ICMR, New Delhi	8,34,640.00
43	Identification of NKX2-5, GATA-4, nad TBX 5 sequence variations in patients with heart septation defects	Dr Moka Raja Sekhar	ICMR, New Delhi	6,88,070.00
44	Integrated Masters and PhD Program, Project title "Enhancing research Capacity and intiating integrated M.Sc - PhD program in the area of Nutrition Biology"	Dr K Satyamoorthy	CSIR - Central Food Technological Research Institute, Mysore	1,07,918.00
45	Modulation of Moscatilin Biosynthetic Pathway in Dendrobium Ovatum	Dr Vidhu Sankar Babu	SERB, New Delhi	8,53,600.00
46	TIFAC Diagnostics	Dr K Satyamoorthy	Diagnostics Income	41,67,751.00
47	Fibrinogen Preparation and Analysis	Dr K Satyamoorthy	Juggat Pharma, Bangalore	19,000.00
48	Consultancy Services	Dr K Satyamoorthy	Stempeutics Research Pvt Ltd, Bangalore	1,03,500.00
49	BTFS Fellowship	Dr Herman Sunil D'souza	BTFS Govt of Karnataka	22,10,000.00
50	Travel Grant	Mr Manjunath S	DBT, New Delhi	81,670.00
Foreign grant				
51	OSA Student Chapter 2017 @ Manipal University	Dr Krishna Kishore Mahato	The Opticals Society of America, 2010 Massachusetts Ave, NW, Washington, DC 20036 USA	16,030.50
Total				3,74,73,120.50

Awards/recognitions:

Institution:

Sl no	Name	Details	Date
1	Dr Babitha K S	Best Teacher Award	28 Apr 2016

Faculty members:

Sl no	Name	Details	Date
1	Dr Mahato K K	Dr TMA Pai Gold Medal in appreciation of his Excellence in Research on "Monitoring breast tumour progression by photoacoustic measurements, a xenograft mice model study"	28 Apr 2016
2	Dr Padmalatha Rai	Dr TMA Pai Endowment Chair in Pharmacogenomics, by Manipal University	
3	Dr Kamalesh Mumbrekar	Young Scientist Award (career-based award for contributions to Radiation Biology) by Society of Radiation Research, India at International Conference on Radiation Research: Impact on Human Health and Environment (ICRR-HHE 2016) held at Bhabha Atomic Research Centre, Mumbai	11-13 Feb 2016
4	Dr T S Murali	Best Oral Presentation award for the talk titled "Secondary metabolites from fungal endophytes: Major challenges or opportunities?" at the National Conference on Emerging Trends in Fungal Biology and Plant Protection (ETFPP-2016), Mycological Society of India at Banaras Hindu University, Varanasi	16-18 Feb 2016
5	Dr K S Babitha	Evaluated the Scientific Session of "PHARMAQUORA 2016" held in Manipal College of Pharmaceutical Sciences, Manipal University	4 and 5 Mar 2016
6	Dr Kamalesh Mumbrekar	Completed training cum certification course on radiation safety aspects in the research applications of ionising radiation by Bhabha Atomic Research Centre, Mumbai	6-14 Jun 2016
7	Dr Kamalesh Mumbrekar	Young Scientist Award for the work on "Cancer risk Profiling with DNA Damage and Repair Parameters" at the International Conference on Radiation Biology (ICRB-2016) on the theme of 'High LET Radiation Biology and Complex Natural Products in Biology and Medicine' held at SRM University, Chennai	9 - 11 Nov 2016

Students:

Sl no	Name	Details	Date
1	Mr Vaibhav Shukla	Best Presentation award at the third AIST International Imaging Workshop and PIKNIK Series VIII "Bio-imaging with Beauty: Teachings, Tools and Technologies", at Higashi, Tsukuba, Japan	18-23 Jan 2016
2	Ms Suma Prabhu	Best Poster Presentation award for the poster titled "Radio Labelled Polymeric Magnetite Nanoparticles Targeted against Human Glioma in Mouse Orthotopic Xenograft Model" at International Conference on Radiation Research: Impact on Human Health and Environment (ICRR-HHE 2016) held at BARC, Mumbai	11-13 Feb 2016
3	Dr Mallika Priya	Young Scientist International Travel Grant by DST, GOI to attend and present paper at SPIE BiOS, Photonics West - 2016 held in San Francisco, USA	13-18 Feb 2016
4	Mr Manjunath S	Awarded Young Scientist International Travel Grant by DBT, GOI to attend and present paper at SPIE BiOS, Photonics West - 2016 held in San Francisco, USA.	13-18 Feb 2016
5	Mr Manik Vohra	Best Oral Presentation award for "Unvoiced BHMT G742A polymorphism and CNV in acute lymphoblastic leukemia and in-silico characterisation of BHMT gene variations", at Manipal Research Colloquium, Manipal University	4-6 Apr 2016
6	Ms Suma Prabhu	Free bursary and Partial Travel Grant award from CLINAM Foundation and Partial Travel Grant award from The Centre for International Co-operation in Science (CICS) to attend and present poster in the International conference on "European and Global Summit for Cutting Edge Medicine" at Basel, Switzerland	26-29 Jun 2016

Sl no	Name	Details	Date
7	Mr Bharath Rathnakar	Student travel grant of US \$600 and International travel support from DST, GOI to attend and present paper at SPIE Biophotonics-Australia at Brisbane, Australia	12-15 Oct 2016
8	Mr Manjunath S	OSA Travel Grant by Optical Society of America for Frontier in Optics-2016 to attend student leadership program and represent Manipal OSA Student Chapter at the hundredth Centenary Celebrations of OSA at Rochester, USA	15-22 Oct 2016
9	Ms Suma Prabhu	Best Oral Presentation Paper for "Polymeric magnetite nanocomposites of geldanamycin against breast cancer by vanquishing normal cell toxicity" at "International Conference on Radiation Research (ICRB 2016): High LET radiation biology and complex natural products in biology and medicine" at CENRDR, SRM University, Chennai	9-11 Nov 2016
10	Ms Kruti Ms Arpitha Prasad Ms Deesha Roy Ms Mahasweta Bordoloi Ms Namrata Iyengar	Five students of MSc program received Indira Gandhi Single Girl Child Scholarship towards their post-graduate degree studies	

PhD awards:

Sl no	Name	Details	Date
1	Dr Ravishankara	Development of Reverse Dot Blot Array for Screening of Single Nucleotide Polymorphisms and Allele Specific Expression Analysis in Folate Metabolism Pathway Genes	2 Feb 2016
2	Dr Neetha John	Detection of Genetic Defects in Children with Idiopathic Intellectual Developmental Disorders	29 Feb 2016
3	Dr Phani M N	Pharmacogenomic Variations of Genes Involved in Type 2 Diabetes and Therapeutic Response to Oral Hypoglycemic Drugs	7 May 2016
4	Dr Divya Padma	Evaluation of the Interactions between Melanocyte and its Microenvironment in Pigmentation Homeostasis	21 May 2016
5	Dr Mallika Priya	Pulsed Laser Induced Photoacoustic Spectroscopy (PLPAS) of the Changes in Breast Tumour Microenvironment and Tumour Growth: An Ex-Vivo Experimental Study	10 Jun 2016
6	Dr Ananthapadmanabha K	Genetic and Epigenetic Analysis of Phynotypic Heterogeneity and Drug Response in Bypolar Disorder	10 Sep 2016

Photo archive of important events:



Prof J V Bhat Memorial Oration 3 Mar 2016



INSPIRE – 24 – 28 May 2016



Indo-Japan International laboratory inauguration and Symposium on Traditional Medicines and Modern Biotechnology – 4 Aug 2016



Annual Day Celebrations – 28 Apr 2016



Hands on workshop on basic techniques in Cell Culture - 27-28 Sep 2016



Manipal University Intercollegiate Best Physique competition - 2016 on 21 Mar 2016



Hands-on training workshops in Polymerase Chain Reaction – 23 Dec 2016



National Unity Day Celebrations – 31 Oct 2016

DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

KMC, Health Sciences Library, Manipal University, Manipal – 576104.

Phone Number: 0820-2922358, 0820-2922609

Email-Office: libraryscience@manipal.edu Coordinator Email: shiva.bhat@manipal.edu



Co-ordinator: Dr Shivananda Bhat K

Established: 2011

Programs:

- Master of Library and Information Sciences (MLibISc)
- Certificate Course in Library and Information Science (CLISc)
- PhD in Library and Information Science

About institution/school:

The DLIS was established on 1 Aug 2011. The department is situated at the Health Sciences Library of the University. Apart from the classroom learning, students are also given

practical exposure. Manipal University libraries will be “working laboratories” through which students are able to apply classroom concepts through hands-on training.

Institutional activities/curricular activities :

All other activities in the department relating to the program/course:

Sl no	Activity	Particulars
1	Second National Conference on Management of Modern Libraries (NACML) - 2016. Role of New Information Professional in Digital Age	Organised by Search - The Health Sciences Library and DLIS, KMC, Manipal University, Manipal

Details of guest visit:

Guest lectures:

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
1	Dr ARD Prasad	Indian Statistical Institute, Bangalore	DLIS	Conference	19 Feb 2016
2	Dr Vijayakumar K P	University of Kerala	--	Conference	19 Feb 2016
3	Dr Sathish Kanamadi,	Sir Dorabji Tata Memorial Library Tata Institute of Social Sciences (TISS) Mumbai	--	Conference	19 Feb 2016
4	Dr Gururaj S Hadagali	Karnataka University	--	Conference	19 Feb 2016
5	Dr B Sanjay	Infosys Ltd Library Bangalore	--	Conference	19 Feb 2016
6	Dr P Ganesan	Alagappa University	--	Conference	19 Feb 2016
7	Prof A K Baradol	Mangalore University	--	Conference	19 Feb 2016
8	Dr Mahesh V Mudhol	Mangalore University	--	Conference	19 Feb 2016

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
9	Dr Sunil M V	Shri Dharmasthala Manjunatheshwara Institute for Management Development (SDMIMD)	--	Conference	19 Feb 2016
10	Dr Chandrashekar M	University of Mysore	--	Conference	19 Feb 2016
11	Dr Adithya Kumari H	University of Mysore	--	Conference	19 Feb 2016
12	Dr Keshava	Tumkur University	--	Conference	19 Feb 2016

Details of publications:

National		International	
Indexed	Non-Indexed	Indexed	Non-Indexed
3	1	1	--

Conferences attended by institution faculty members and students

	National	International
Faculty Members	3	--

Details of conferences/workshops conducted by the institution:

Particulars	National	International
Conferences	1	--
Workshops	3	--
Information Literacy Programs	16	--

Books/chapters edited by faculty members:

Sl no	Name of the Book	Chapter/s name	Faculty members	Publisher
1	Proceedings of the Second National Conference on Management of Modern Libraries (NACML) – 2016 on the theme “Role of New Information Professional in Digital Age”	--	Dr Shivananda Bhat K Dr Mahabaleshwara Rao Dr Rekha D Pai	Informatics Publishing Limited, Bangalore

Photo archive of important events:



National level conference



Half-day author workshop



Information Literacy Program

DEPARTMENT OF STATISTICS

Level 6, Health Sciences Library Building, Manipal University, Manipal
 Phone Number: 0820-2922407
 Email-office: stats.mahe@manipal.edu, HoD: sree.nair@manipal.edu



Name of HoD: Dr N Sreekumaran Nair
 Established: 2006

Programs:

- MSc Biostatistics
- Certificate Course in Biostatistics, Epidemiology and Research Methodology
- PhD

About institution/school:

The Department of Statistics was established in 2006 as a teaching and research department with a focus on biostatistics. Biostatistics deals with the application of statistical techniques to scientific research in health-related fields, including medicine, dentistry, biotechnology, nursing and public health and the development of new tools to study these areas.

The department is focused on developing new quantitative methods and making innovative applications to substantiate and demanding scientific problems in the advancement of biomedical, pharmaceutical and public health research.

The department is equipped with state of the art computational facility and in possession of packages namely SAS, STATA, SYSTAT, SPSS, R, N Master, MATLAB, Epi Info, Review Manager and EndNote.

The department has a statistical consultancy center to independently provide consultations for all levels of biomedical researchers of the University.

The department conducts regular training on statistical softwares' like SAS, SPSS, STATA and R for industry ready training.

The department mentored two centres namely Public Health Evidence South Asia (PHESA) which is a satellite centre for Cochrane Public Health Group and Transdisciplinary Centre for Qualitative Methods (TCQM).

The department started PhD program in collaboration with pharmaceutical industries Novartis Health Care Private Limited, Hyderabad.

GSK awards medal with cash prize for the top two MSc Biostatistics students since 2014.

Department activities/curricular activities:

New initiatives:

Sl no	Activity	Particulars
1	Dr TMA Pai Endowment Chair	Dr Ajay Bailey, Faculty of Spatial Sciences at the University of Groningen, has been recently awarded the Dr TMA Pai Endowment Chair in Qualitative Methods by Manipal University Manipal, India for the years 2016 – 2018

Sl no	Activity	Particulars
2	Trans disciplinary Centre for Qualitative Methods	The Trans disciplinary Centre for Qualitative Methods (TCQM) is a joint initiative between Manipal University, Manipal, India and the University of Groningen, The Netherlands, under the support of Public Health Evidence South Asia (PHESA). The Centre was inaugurated by Dr H Vinod Bhat, Vice Chancellor, Manipal University, Manipal on 13 Dec 2016.
3	GSK lecture series for MSc Biostatistics students	Academic training program for MSc Biostatistics students by Glaxo Smith Kine Pharmaceuticals Limited, Bengaluru was initiated in August 2016. This will be an annual program and GSK associates deliver lectures series on specific topics related to clinical trials and epidemiology from Dr Fabian Tibaldi, Mr Naveen G Karkada, Mr Suria Kiran and Mr Raghavendra Devadiga

All other activities in the department relating to the program/course:

Sl no	Activity	Particulars
1	International Biometric Society – Indian Region (IBS – IR) and Public Health Evidence South Asia (PHESA) – Joint conference on “Converging to Better Health with Statistical Methods”	International Biometric Society – Indian Region (IBS-IR) and Public Health Evidence South Asia (PHESA) joint conference was held on 11-12 Jan 2016 at Interact, Manipal university, Manipal, India. This conference was attended by an interdisciplinary group of professionals working in the field of mathematics, statistics and public health. Dr Poornima Baliga, Dean Kasturba Medical College (KMC) Manipal was the chief guest for the conference inaugural function. More than 20 experts in the field shared their expertise and knowledge with over 100 delegates.
2	Intercollegiate fest	On the auspicious occasion of its 10th anniversary, Dept of Statistics, Manipal University, Manipal organized intercollegiate fest “ANVESHANA-2016” on the Jul 30, 2016, for the undergraduate Mathematics/Statistics students of this region.
3	Department annual day celebration	Department celebrated Annual Day on 1 Aug 2016. Dr Subbakrishna, Professor of Biostatistics (Former Head, Dept of Biostatistics, NIMHANS, Bengaluru), Ms Ramiya Ravindran, Biostatistics and Programming Manager, GSK, Bengaluru and Dr Chandrashekara S Adiga, Dy Registrar – Academics (technical), Manipal University, Manipal were the chief guests for the event and GSK awarded the top two MSc Biostatistics students Ms Neha and Mr Akash of Batch 2014 – 15 with a medal and cash prize.
4	SAS Training Program	Alumni of the dept conducted SAS training program for MSc Biostatistics students. The program was conducted by following alumni. 1. Ms Ashwini Shenoy (Associate Statistician GSK Pharmaceutical Ltd Bengaluru) – Sep 03-04, 2016 2. Ms Neha Shrikant Pakhle (Biostatistician, Sciformix, Pune) – Sep 03-04, 2016 3. Ms Sheril Thomas – Efficacy, Bengaluru – 1 and 2 Oct 2016 4. Mr Manjunath Halemane – GE India Exports Private Limited, Bengaluru – 1 and 2 Oct 2016
5	Winter school on Qualitative Research for South Asia	Public Health Evidence South Asia, Manipal University in collaboration with The University of Groningen, The Netherlands, conducted winter school on Qualitative Methods in Research from 5-9 Dec 2016 at Manipal University. The participants for the workshop were researchers, Post Graduates and stake holders of South Asia.
6	International Seminar on Gendering Qualitative Methods: People, Power and Place	The International Seminar titled “Gendering Qualitative Methods- People, Power and Place” was conducted at Manipal University on 12 and 13 Dec 2016 by Public Health Evidence South Asia (PHESA), Manipal University, Manipal in collaboration with Dr TMA Pai Endowed Chair in Qualitative Methods, University of Groningen and University of Delhi. The seminar began with the inauguration of the Dr TMA Pai Endowment Chair Trans disciplinary Centre for Qualitative Methods by Dr H Vinod Bhat, Vice Chancellor, Manipal University.

Details of guest visit:

a) Guest lectures:

Sl no	Visitor	Name of the University	Purpose of visit	Date of visit
1	Dr Ajay Bailey	University of Groningen	Winter school 2016 and International seminar	5 Dec 2016
2	Dr Shrinivas Darak	Prayas Health Group	-do-	04 Dec 2016
3	Dr Louise Meijering	University of Groningen	-do-	5 Dec 2016
4	Dr B Antonisamy	Christian Medical College	IBS and PHESA joint conference	11-12 Jan 2016
5	Dr P Venkatesan	Sri Ramachandra University	-do-	11-12 Jan 2016
6	Dr B L Verma	Jhansi University	-do-	11-12 Jan 2016
7	Dr B Binukumar	NIMHANS	-do-	11-12 Jan 2016
8	Dr Saurabh Ghosh	Indian Statistical Institute, Kolkata	-do-	11-12 Jan 2016
9	Dr Dilip C Nath	Gauhati University	-do-	11-12 Jan 2016
10	Dr Satyabratha Pal	Bidhan Chandra Agricultural University	-do-	11-12 Jan 2016
11	Dr Gangaboraiah	Kempegowda Institute of Medical Sciences	-do-	11-12 Jan 2016
12	Stephan Van den Broucke	University of Catholique de Louvain	Visitor	10 Mar 2016
13	Abdulrasul Ramji	University of Louisville	Collaboration	05 May 2016
14	K B Kulasekera	University of Louisville	Collaboration	05 May 2016
15	Craig H Blakely	University of Louisville	Collaboration	05 May 2016
16	Dr Shalabh	Indian Institute of Technology Kanpur	Visitor	29 May 2016
17	Dr D K Subhakrishna	NIMHANS	Stats annual Day	01 Aug 2016
18	Mr Naveen G Karkada	Glaxo Smith Kine Pharmaceuticals Limited, Bengaluru	Training	25-26 Aug 2016
19	Dr Fabian Tibaldi	Glaxo Smith Kine Biologicals, Belgium	Training	25-26 Aug 2016
20	Mr Suria Kiran	Glaxo Smith Kine Pharmaceuticals Limited, Bengaluru	Training	25-26 Aug 2016
21	Shalini C N	M S Ramaiah Medical College	Visitor	07 Sep 2016
22	S K Sasikumar	V.V Giri National Labour Institute	Advisory Meeting	13 Oct 2016
23	Anup Karan	Indian Institute of Public Health	Advisory Meeting	13 Oct 2016
24	Upasak Das	Centre for Development Studies	Advisory Meeting	13 Oct 2016
25	Mr Raghavendra Devadiga	Glaxo Smith Kine Pharmaceuticals Limited, Bengaluru	Training	14 Oct 2016
26	Denny John	Campbell, New Delhi	Collaboration	12 Nov 2016
27	Anindita Datta	Delhi University	winter School	06 Dec 2016
28	Anita Mannur	Miami University	International Seminar	12 Dec 2016
29	Shireen Jejeebhoy	Population Council	International Seminar	12 Dec 2016
30	Rajesh Gururaj Kundargi	Pondicherry University	International Seminar	12 Dec 2016
31	Jacques Zeelen	University of Groningen	Winter School	05 Dec 2016

Details of publications:

National		International	
Indexed	Non-Indexed	Indexed	Non-indexed
6	2	16	8

Details of Conferences/Workshops conducted by the Institution:

Particulars	National	International
Conferences	-	1
Workshops	-	1
Seminars	-	1
Others	1	-

Conferences attended by Institution faculty and students:

	National	International
Faculty	5	6
Students	-	4

Details of research grants:

Sl no	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)
1	Systematic Review A: The magnitude and scope of disability – including impairments, activity limitations and participation restrictions – by the four main non-communication diseases (NCDs) being: Cardiovascular diseases, cancers, diabetes and chronic lung conditions Systematic Review C: The most effective rehabilitation measures for NCD-related disability that have been applied across different contexts that can result in improved functioning (i.e reduce impairment, improve activities and participation) or at least maintain or prevent loss of functioning.	Professor Elizabeth Waters Professor Sreekumaran Nair Dr Elise Davis Dr Manjula Marella Associate Professor Fary Khan Helen Robinson Sally Baker Dr Hasheem Mannan	WHO (NOSAL)	15,90,059
2	Promoting Research – Perception and Practices in educational institutions of India – A Cross Sectional Study (Resubmitted on Jul 25,2014)	Dr Shreemathi Mayya Dr Elsa Sanatombi Devi	Dept of sciences and Technology under the NSTMIS Program	17,00,000
3	Women Employees of higher education in Karnataka – Struggles and Successes	Dr Shreemathi Mayya Ms Ashma Dorothy Monteiro	ICSSR	7,20,000
4	BARC- Evaluation of Nuclear Data Including covariance error Matrix for advanced Nuclear System in India	Dr K Manjunatha Prasad	BARC	14,51,864
5	Generalized inverse of matrix and its applications	Dr K Manjunatha Prasad	DST(SERB)	9,00,000
6	Childhood Pneumonia and Public Health program in India: Proposal to INCLN: Determinants of Neonatal Pneumonia and Factors associated with mortality due to Neonatal Pneumonia “A Systematic Review combined with Qualitative Research Approach”	Dr N Sreekumaran Nair Dr Leslie Edward S Lewis	INCLN	31,49,190
7	Fortification of staple foods with vitamin A for preventing vitamin A deficiency”	Dr N Sreekumaran Nair	WHO	4,69,229.88
8	Estimation of missing values in geo-spatial data”	Dr Binu V S Ms Amitha Puranik	DST	2,78,000
9	Effectiveness of different ‘gender-responsive policing’ initiatives designed to enhance confidence, satisfaction in policing services and reduce risk of violence against women in South Asia region – A Systematic Review.	Prof N Sreekumaran Nair	DFID	7,40,991
10	An overview of systematic reviews for effectiveness of behavior change communication interventions in delivering health messages for improving maternal and child health indicators in a limited literacy setting	Prof N Sreekumaran Nair	DFID	12,67,422
11	Public Works Programs: How effective are public works programs in stimulating local economic transformation in low and middle-income countries?	N Sreekumaran Nair, Reshmi Nair, Upasak Das, Anup Karan, Ratheebhai V, Vasudeva Guddattu, Bhumika T V	DFID	0.00

Awards/recognitions:

Students:

Sl no	Name	Details	Date
1	Ms Neha Srikanth Pakhale	Received medal and cash prize from GSK, Bengaluru for the best outgoing student of Batch 2014 – 16	1 Aug 2016
2	Mr Akash Bajaj	Received medal and cash prize from GSK, Bengaluru for the second best outgoing student of Batch 2014 – 16	1 Aug 2016
3	Ms Melissa Glenda Lewis	Received Girijakant Shukla – IBS (IR) Young Biometrician award during International Biometric Society (Indian Region) and Public Health Evidence South Asia (PHESA) joint conference 2016 held at Manipal	11-12 Jan 2016

Photo archive of important events:



International Biometric Society – Indian Region (IBS – IR) and Public Health Evidence South Asia (PHESA) – Joint conference on “Converging to Better Health with Statistical Methods”



Intercollegiate fest “ANVESHA-2016”



Department annual day celebration



Winter school on Qualitative Research for South Asia



International Seminar on “Gendering Qualitative Methods: People, Power and Place”

DEPARTMENT OF PUBLIC HEALTH

Old Tapmi Building, 2nd Floor, Department of Public Health, Manipal University, Manipal – 576104.

Phone Number: 0820-2923157, Email-Office: publichealth.mu@manipal.edu

Coordinators: MPH Co-ordinator: sanjay.pattanshetty@manipal.edu, MSW Co-ordinator: lena.ashok@manipal.edu,
MHA Co-ordinator: naveen.kumar@manipal.edu



MPH Co-ordinator: Dr Sanjay M Pattanshetty

MSW Co-ordinator: Dr Lena Ashok

MHA Co-ordinator: Dr Naveen Kumar P

Established: 2009

Programs:

- Master of Public Health (MPH)
- Master of Social Work (MSW)
- Master of Hospital Administration (MHA)

About the Department

The Department of Public Health under Manipal University, offers MPH, MSW and MHA programs. The dept is fully equipped and managed with well qualified and experienced faculty members. The dept has established association

with a number of universities abroad and also built a strong linkage between public, private and governmental institutions.

Focus:

- To develop a cadre of skilled and competent professionals in the field of Public Health, Social Work and Hospital Administration.
- To provide training on conceptual understanding along with practical skills to address the emerging challenges.

Institutional activities/curricular activities:

Mr Teddy Andrews, Assistant Professor - Senior Scale, is pursuing his PhD at Maastricht University, Netherlands for

5 years from 25 Aug 2016.

New Initiatives:

Sl no	Activity	Particulars
1	Certificate Course in Biosecurity	Offered by School of Public Health in collaboration with Department of Virus Research. Minimum duration of the Program is 12 weeks Objective of the course: To Impart hands-on training in Biosecurity for Healthcare Professionals to hone their skills in Surveillance and outbreak investigation
2	Global Health and Health policy	Two new specializations were introduced in the MPH Program

All Other activities in the department relating to the program/course:

Sl no	Activity	Particulars
1	Cultural Program Traditional Day Conference	Held on 19 Feb 2016 organized by MSW Program, Dept of Public Health, MU
2	HELP-2016 International Colloquium	The Colloquium was held on 22 and 23 Feb 2016 at FIVV, Chaithya Hall, inaugurated by Chief guest Ruth Lascano Leano
3	Global Health Symposium 2016	Held between 16 and 30 Apr 2016
4	"Awareness Program on Harmful Effects of Alcohol and Tobacco"	The program was organized by Manipal Health Literacy Unit in collaboration with Manipal Integrated Services (MIS)
5	Research Orientation Workshop	Workshop was held on 27 Jun 2016, inaugurated by Resource person Yogendra Nayak
6	Materials Management in Health Care	The Conference was organized by Dept of Hospital Administration, KMC, Manipal and Dept of Public Health, MU, Manipal
7	Developing Quantitative Analytical Skill in Managers	The Workshop was jointly organized by MHA Program, Dept of Public Health and RASTHA
8	Azadi - 70 topic "Understanding Azadi in present Context"	The talk was given by Dr Ravindranath Shanbagh, President Human Rights Protection Foundation, Udupi
9	Onam Festival	The festival was organized by MHA Students of Dept of Public Health, MU
10	TAHCON - 2016	The Conference was jointly organized by Dept of Public Health and School of Information Sciences, MU, Manipal
11	Fourth AHILA International Health Literacy Conference	MPH Students Jestina Rachel Kurian, Jyotsna Rani Ekka, Dr Harsh Rajvanshi, Dr Ravi Raj Singh Chouhan, Dr Zakariya Chouhan, Dr Ramanpreet Kaur, Dr Vindhya J, Dr Sowmya Sundararajan, Dr Pallavi Prakash Saraswat, Dr Vijay Basappa Dhange and Dr Monica attended the Conference for three days from 7 to 9 Nov 2016 at Haiphong City, Vietnam
12	"Blended Learning in PBL – Opportunities and Challenges"	The Workshop was jointly organized by MCPD and Dept of Public Health
13	"Fight the Fear – Be aware" Workshop	The Workshop was organized by MPH Students of Dept of Public Health, MU
14	A consultation meet on Draft National Education Policy 2016	The consultation meet was organized in association with MSW, Dept of Public Health and MCPD, Manipal University
15	" Application of Geographical Information system in public health"	The National Workshop was organized by Dept of Public Health and Dept of Civil Engineering, MU, Manipal
16	Health Education and Health check-up camp "To be Healthy and Happy"	The camp was organized by MSW Program, Dept of Public Health, MU, Manipal at Model Higher Primary School Hiriadka
17	Smile Dental and Treatment Screening Camp	The camp was organized by MHA, MSW, Dept of Public Health and MCODES, MU, Manipal
18	"Emerging Challenges in infectious diseases and Bio-security"	The Seminar was organized in association with Dept of Public Health, Dept of Virus Research and Dept of Community Medicine, KMC, Manipal
19	Comprehensive free eye camp	The camp was organized by SOAHS and Dept of Public Health, MU at Dr TMA Pai Rotary Hospital, Karkala
20	Shodhana 2016 Interventions in Social Development – Social Work Profession makes a difference	The National Conference was organized by MSW Program, Dept of Public Health, MU
21	"Emerging Challenges in infectious diseases and Bio-security"	The Seminar was organized in association with Dept of Public Health, Dept of Virus Research, MU, Manipal and KMC, Mangalore
22	ICHEOR 2016	The International Conference was organized in association with MCOPS, Dept of Pharmacy Mgt, School of Commerce and Dept of Public Health
23	"One Health and Emerging diseases in Public Health Practice"	The workshop was organized in association with State Institute of health and Family Welfare, Bengaluru, Dept of Virology, and Manipal Health Literacy Unit, School of Public health, MU

Details of guest visit:

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
1	George Joseph Theempalangad	Kuthira Maliga Public (N)ations, Kerala	Kuthira Maliga Public (N)ations, Kerala	Guest Lecture	14-16 Jan 2016
2	Dr Shashidhar Acharya	Manipal University, Manipal	MCODS, Manipal	Guest Lecture on "Public Health Dentistry"	28 Jan 2016
3	Raj Warrior	Manipal University	Former Vice Chancellor	Guest Lecture	4 Feb 2016
4	Raghavendra Rao	Manipal University, Manipal	Dept of Commerce	Public Health finance	4 Feb 2016
5	Dr Thippe Swamy V	Manipal University	Dept of Psychiatry, KMC, Manipal	Family Therapy-Overview and Phases	8 Feb 2016
6	Dr Thippe Swamy V	Manipal University	Dept of Psychiatry, KMC, Manipal	Schools of Family Therapy	11 Feb 2016
7	Nanda Kishore	Manipal University, Manipal	Dept of Geopolitics	Geopolitics issue in Health Care	11 Feb 2016
8	Dr Sanjeev Kumar	Manipal University	Dept. of Psychiatry, KMC, Manipal	Community Psychiatry	12 Feb 2016
9	Dr Thippe Swamy V	Manipal University	Dept of Psychiatry, KMC, Manipal	Family Therapy Techniques	15 Feb 2016
10	Prof Nandan Prabhu	Manipal University	School of Management	Organizational Behavior	18 Feb 2016
11	Praveen A	Manipal University, Manipal	Dept of Psychiatry, (Hombelaku Rehabilitation)	Psycho Social Rehabilitation	18 Feb 2016
12	Dr Deepa N	Manipal University, Manipal	School of Allied Health Science (SOAHS)	Awareness of Communication disorders	25 Feb 2016
13	Dr Unnikrishnan M K	Manipal University, Manipal	Dept of Pharmacy Practice, MCOPS, MU, Manipal	"Evolutionary Principles in Public Health"	3 Mar 2016
14	Dr Ramesh S Ve	Manipal University, Manipal	School of Allied Health Science (SOAHS)	"Eye Care Innovation Enabling Quality Eye Care to All"	10 Mar 2016
15	Prof Sanjoy Hazarika, Dr C R Hira and Mr Ashok Rao	Centre for North Eastern Studies, Guwahati, Assam	Centre for North Eastern Studies, Guwahati, Assam	Guest Lecture	6 Apr 2016
16	Abhishek Cliffort	Rescue, Mysore	Rescue, Mysore	Homosexuality Pornography and its Influences	8 Apr 2016
17	Dr Basavaraj S Kataraki	Regional Coordinator – Karnataka, DAPCU National Resource Team, NACO		"Health System Research"	16 Jul 2016
18	Ms Manjula	Manipal University, Manipal	School of Communication	Communications	11 Jul 2016
19	Dr Tippe Swamy V	Manipal University	Dept of Psychiatry, KMC, Manipal	Counselling	14 Jul 2016
20	Dr Gunasagari	Manipal University	Dept of Psychiatry, KMC, Manipal	Counselling	15 Jul 2016
21	Mr Bharathesh Karunakar Shetty	Karnataka Health Promotion Trust (KHPT), Bengaluru	Karnataka Health Promotion Trust (KHPT), Bengaluru	Social Workers role in community based	16 Jul 2016
22	Dr Varalaksmi	MMMC, Manipal	MMMC, Manipal	Guest Lecture on Gender and Sexuality	16 Jul 2016
23	Ms Shubha	Manipal University, Manipal	School of Communication	Guest Lecture on "Role of media and communication in Social Work Practice"	19 Jul 2016

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
24	Dr Anand	MMMC, Manipal	MMMC, Manipal	Guest Lecture on "Time Management"	20 Jul 2016
25	Dr Fiddy Davis	Manipal University, Manipal	SOAHS	Guest Lecture on "Importance of physical fitness"	20 Jul 2016
26	Prof Suptendra Nath Sarbadhikari	Ministry of Health and Family Welfare	Ministry of Health and Family Welfare	Guest Lecture	28 Jul 2016
27	Balaji B	Manipal Univeristy, Manipal	School of Information Science (SOIS)	Technology in Health Care	29 Jul 2016
28	Dr Jagadeesha Pai B	Manipal Univeristy, Manipal	Dept of Civil Engineering, Manipal Institute of Technology, Manipal	"Applications of GIS in Public Health"	5 Aug 2016
29	Dr Kirthinath Ballal	Manipal Univeristy, Manipal	Dr TMA Rotary Hospital, Karkala and Dept of Community Medicine, KMC, Manipal	"Health Rights"	12 Aug 2016
30	Dr Kirthinath Ballal	Manipal Univeristy, Manipal	Dr TMA Rotary Hospital, Karkala and Dept of Community Medicine, KMC, Manipal	"Working with MSF"	26 Aug 2016
31	Dr Ravindranath Shanbagh	President, Human Rights Protection Foundation	President, Human Rights Protection Foundation	Azadi-70 topic "Understanding Azadi in present Context"	23 Aug 2016
32	Dr Ravindranath Nayak	Manipal University	School of Management	Consultation Meet on National Education Policy 2016 Draft	30 Sep 2016

Details of Publications:

National		International	
Indexed	Non – Indexed	Indexed	Non – Indexed
04	02	06	--

Conferences attended by Institution faculty and students:

	National	International
Faculty	10	3
Students	0	1

Details of Conferences/Workshops conducted by the Institution:

Particulars	National	International
Conferences	3	1
Workshops	6	0
Seminars	3	0
Others- (International Colloquium "Help" on 22 Feb 2016 and 23 Feb 2016 and Global Health Symposium on 16 Apr 2016 to 30 Apr 2016)	0	2

Details of Research Grants:

Sl no	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)
1	"Situational Analysis and capacity development in risk communications in Karnataka"	Dr Sanjay M Pattan Shetty	UNICEF, Hyderabad	6,68,667
2	A study on Non-invasive Haemoglobin detection for Anaemia among OPD patients in Healthcare settings of Udupi and Koppal Taluk	Dr Sanjay M Pattanshetty	RBEI, BOSCH, Bengaluru	6,50,947.50

DEPARTMENT OF VIRUS RESEARCH

Madhav Nagar, Manipal – 576104

Phone Number: 0820 2922663

Email-Office: virology@manipal.edu, HOD: arun.kumar@manipal.edu



Name of HoD: Dr G Arunkumar

Established: 2010

Programs:

- MSc Clinical Virology and Doctorate in Philosophy (PhD)

About department:

The Department of Virus Research (DVR) was created as a University department on 1 May 2010 by upgrading the virology laboratory of the Department of Microbiology, Kasturba Medical College, Manipal, with Dr G Arunkumar as the Head. DVR houses the regional reference laboratory for influenza virus under Integrated Disease Surveillance Program (IDSP). DVR is the Apex Referral Laboratory for Dengue, Japanese Encephalitis and Chikungunya under National Vector Borne Disease Control Program (NVBDCP) and Department of Health Research(DHR)/Indian Council of Medical Research (ICMR) Grade-I virology network laboratory. Both of these are Ministry of Health and family welfare, Government of India supported programs.

DVR is National reference laboratory for Zika Virus and for EBOLA (MoHFW, Government of India). DVR has the uniqueness of hosting a public service program on private platform, and in the short span of time it has proven as one of the best public private partnership in the development of public health infrastructure in the country.

The Acute Febrile Illness (AFI) Surveillance in India till date has been implemented in 28 Sentinel hospitals distributed across 10 states of India including Karnataka, Kerala, Assam, Goa, Gujarat, Maharashtra, Jharkhand, Tripura, Tamil Nadu and Odisha in close co-ordination and collaboration with the respective state health services.

Apart from supporting state and national health services for viral disease outbreak investigation and disease surveillance activities, Manipal Centre for Virus Research also offers Master of Science in Clinical Virology program. It is a focused unique competency based flexible postgraduate course intended to create a new cadre of virologists and conducts series of training programs in the field of practice oriented virology, biosafety and biosecurity to strengthen the manpower.

DVR conducts Master of Science in Clinical Virology program. It is a focused unique competency based flexible postgraduate course intended to create a new cadre of

virologists who are not only comfortable within the four walls of the laboratory but also equally proficient in public health and industry settings as well as in policy and decision-making groups at National and International levels. With state of the art laboratory, teaching facilities and qualified teachers, DVR is one of the premier institutions of India imparting quality education. Unique features of the course include a competency based curriculum, credit based system as par with international universities, epidemiological and public

health orientated curriculum and a strong research based academic approach. The students also undergo regular clinical and laboratory rotation and periodic institutional and industrial rotation.

The department provides the students the environment and opportunity to build a versatile and dynamic career. On completion of their course, the students would emerge as virologists empowered with knowledge, competence and commitment towards the society at large.

Institutional activities/curricular activities:

All other activities in the department relating to the program/course:

Sl no	Activity	Particulars
1	Molecular Diagnostics Workshop	A training program for 6 students of School of Life Sciences Chairman, Research and Development Program, Dubai Campus 27 Jan to 2 Feb 2016
2	New certificate course in 'Certificate course on Bio security'	Dept of Virus Research and School of public health jointly started New certificate course in "Certificate course on Bio security"

Details of guest visit:

Guest lectures:

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
1	Dr Vivek M Rangnekar, Professor and Alfred Cohen Chair in Oncology Research Associate Director, Markey Cancer Center Markey Program Co-Leader, Cancer Biology and Signaling	Kentucky University	Kentucky University	As a part of University visit	8 Feb 2016
2	Dr Annekathayn Goodman, MD Associate Professor, Director of the Gyn Oncology Fellowship Program	Women's Cancer Center Yawkey Center for Outpatient Care Boston MA	Women's Cancer Center Yawkey Center for Outpatient Care Boston MA	As a part of University visit	20 Feb 2016
3	Dr Seema Jain, MD Infectious disease specialist in Atlanta	Center for disease Control and Prevention	Center for disease Control and Prevention 1600 clifton RD NE Atlanta GA -USA	Possible research collaboration	23 Feb 2016
4	Dr Siddhartha Saha, Public Health Specialist- Influenza at Centers for Disease Control and Prevention New Delhi Area, India	World Health Organization,	UNICEF, Uttar Pradesh, India	Possible research collaboration	23 Feb 2016
5	Dr Jennie Wilsson, Media Assistant US Embassy	CDC India	CDC Atlanta	Possible research collaboration	23 Feb 2016
6	Dr Craig H Blakely, PhD, MPH Professor and Dean	University of Louisville Louisville, KY	School of Public Health and Information Sciences University of Louisville Louisville, KY	As a part of University visit	2 Mar 2016

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
7	Dr K B Kulasekera, PhD	University of Louisville Louisville, KY	School of Public Health and Information Sciences University of Louisville Louisville, KY	As a part of University visit	2 Mar 2016
8	Dr Bhushan Patwardhan, Professor and Director	Pune University, Ganeshkhind Pune	Interdisciplinary School of Health Sciences, Savitribai Phule Pune University, Ganeshkhind Pune	As a part of University visit	4 Apr 2016
9	Dr Laura Nabarro	University College London Hospitals	University College London Hospitals, London NW1 2BU, UK	As a part of University visit	6 Apr 2016
10	Dr Christopher Shepard, International Coordinator (Marketing, Strategy and Student Recruitment), Vice-Chair, India Strategy Group	University College Cork Ireland	University College Cork Ireland	As a part of University visit	14 Apr 2016
11	Dr Anja Krumeich, PhD Assistant professor in the Dept of Health, Ethics and Society	Maastricht University	Maastricht University, Netherlands	As a part of University visit	25 Apr 2016
12	Dr D T Mourya	National Institute of Virology, Pune	National Institute of Virology, Pune	Possible research collaboration	15 Jun 2016
13	Dr Stuart Nichol, Chief of the Molecular Biology Section, Special Pathogens Branch, CDC	Centers for Disease Control (CDC)	Centers for Disease Control (CDC) in Atlanta, Georgia	Possible research collaboration	15 Jun 2016
14	Dr Myint Han, Professor and Director General	Dept of Medical Services, Ministry of Health, Nay Pyi Taw, Myanmar	Ministry of Health, Nay Pyi Taw, Myanmar	As a part of University visit	25 Jun 2016
15	Dr Bruce Struminger MD, MA, FACP Associate Director of Project ECHO	University of New Mexico	UNM School of Medicine, University of New Mexico	As a part of University visit	27 Jul 2016
16	Prof Tahir Pillay, Communications Officer	University of Pretoria, South Africa	University of Pretoria, South Africa IPAF south Africa	As a part of University visit	27 Jul 2016
17	Prof Unni Karunakara, Senior Lecturer in the Jackson Institute Former International President of MSF	Yale University	Yale University	As a part of University visit	2 Aug 2016
18	Dr Eremeeva, Marina E Associate Professor, Environmental Health Sciences	Georgia Southern University	Georgia Southern University	For attending training workshop	21 Nov – 2 Dec 2016

Conferences attended by institution faculty members and students:

	National	International
Faculty members	2	3
Students	0	5

Details of conferences/workshops conducted by the institution:

Particulars	National	International
Conferences	0	2
Workshops	7	2
Seminars	2	0

Details of research grants:

Sl no	Project Name	Principal Investigator	Funding Agencies	Total Grants
1	ICMR Virology Network Laboratory (Grade-I) at Manipal	Dr G Arunkumar	ICMR-DHR, MoHFW, GOI	45,01,963.00
2	Avian Influenza Regional Lab	Dr G Arunkumar	NCDC MoHFW, GOI	5,52,272.00
3	State Sentinel laboratory for Arboviral Diseases (Dengue, JE and Chikungunya) – Non-financial assets (Kits)	Dr G Arunkumar	NVBDCP, MoHFW, Govt of India	11,40,000.00
4	UKIERI UK-US-India Trilateral Research in Partnership	Dr G Arunkumar	British Council Division, UK	86,257.00
5	CDC Cooperative agreement	Dr G Arunkumar	CDC, Atlanta	36,32,81,903.00
6	Distribution of Non-Polio Enterovirus serotypes in children with Hand Foot and Mouth Disease (HFMD) in Kerala, Karnataka and Goa States	Dr G Arunkumar	ICMR-DHR, MoHFW, GOI	24,14,550.00
Total				37,19,76,945.00

Awards/recognition:
Institution:

Sl no	Name	Details	Date
1	National reference laboratory for Zika Virus	DVR is National reference laboratory for Zika Virus (MoHFW, Govt of India)	Apr 2016
2	National reference laboratory for EBOLA	DVR is National reference laboratory for EBOLA (MoHFW, Govt of India)	Apr 2016

Faculty members:

Sl no	Name	Details	Date
1	Dr G Arunkumar	Awarded travel grant by Fast Track Diagnostics, Luxemburg to deliver key note address on Molecular Diagnostics of Emerging Viral Diseases held at Malta	28-29 Sep 2016
2	Ms Anitha J	Awarded €1700 Lars Haaheim scholarship to attend the ISIRV School of Influenza in Siena, Italy	10-15 Apr 2016

Photo archive of important events:


1) Lecture on “ZIKA Virus Disease and the Public Health Emergency of International Concern” (Feb 03, 2016)
DVR hosted a lecture on “ZIKA Virus Disease and the Public Health Emergency of International Concern” on 3 Feb 2016 by Dr G Arunkumar, Professor and Head, Department of Virus Research Manipal at Shiridi Sai Baba Seminar Hall, KMC, Manipal.



2) World Rabies Day Celebration: (28 Sep 2016)

On the occasion of the “World Rabies Day” on 28 Sep 2016, we conducted an awareness rally of 100-150 people (students and faculty of MU, Manipal) on 28 Sep 2016 under the aegis of Manipal Centre for Virus Research, Manipal University.

3) World Hepatitis Day: (28 Jul 2016)

As part of “World Hepatitis Day” program, DVR organized webinar on topic ‘Know hepatitis – act now: An Indian Perspective.’ On this occasion H O D Dr G Arunkumar delivered lecture through online portal to address more than hundred students and faculty of MCVR at various places.

4) Training in Molecular Diagnostics of Anthrax (17-19 Jun 2016)

DVR hosted training workshop on hands on “Training in Molecular Diagnostics of Anthrax” from 17-19 Jun 2016 in collaboration with National Institute of Veterinary Epidemiology and Disease Informatics (NIVEDI), Bengaluru and Centers for Disease Control and Prevention (CDC), Atlanta.



5) Annual Review meeting of Hospital based Surveillance of Acute Febrile Illness (AFI) in India on 2–3 Nov 2016



DVR, Manipal University conducted the “Annual review of Hospital based Surveillance of Acute Febrile Illness (AFI) in India” on 2–3 Nov 2016, Manipal.

6) Rickettsia and Rickettsioses including Scrub Typhus (21 Nov to 2 Dec 2016)

DVR conducted Course on “Rickettsia and Rickettsioses including Scrub Typhus”, 21 Nov to 2 Dec 2016 in collaboration with American Society for Microbiology (ASM). Marina E Eremeeva, Associate Professor, Environmental Health Sciences, Director, Public Health Core Laboratory, Jiann-Ping Hsu College of Public Health, Georgia Southern University have attended the same.

MANIPAL INSTITUTE OF TECHNOLOGY

MIT Campus, Manipal 576104

Phone Number: 08202925522

Email-Office: office.mit@manipal.edu, Director: director.mit@manipal.edu



Name of the Director: Prof (Dr) G K Prabhu

Established: 1957

Programs:

Under Graduate:

BTech

- Bio-Medical Engineering
- Chemical Engineering
- Civil Engineering
- Computer Science and Engineering
- Electrical and Electronics Engineering
- Electronics and Communication Engineering
- Industrial and Production Engineering
- Mechanical Engineering
- Printing Technology
- Information Technology
- Instrumentation and Control Engineering
- Biotechnology
- Mechatronics
- Aeronautical Engineering
- Automobile Engineering
- Computer and Communication Engineering

Post Graduate:

MTech and MCA

- Bio – Medical Engineering
- Computer Science and Engineering
- Construction Engineering and Management
- Digital Electronics and Advanced Communication
- Energy Management, Auditing and Lighting
- Engineering Management
- Structural Engineering
- Computer Aided Mechanical Design and Analysis
- Control Systems
- Manufacturing Engineering and Technology
- Network Engineering
- Software Engineering
- Industrial Automation and Robotics
- Printing and Media Technology
- Microelectronics
- Power Electronic Systems and Control
- Astronomy and Space Engineering
- Industrial Bio–technology
- Computer Science and Information Security
- Chemical Engineering
- Environmental Engineering
- Bioinformatics
- Industrial Pollution Control
- Advanced Thermal Power and Energy System
- Master of Computer Application (MCA)
- Automobile Engineering

About Institution:

Manipal Institute of Technology (MIT), Manipal was established in the year 1957 as one of the first pioneering self-financing engineering colleges in the country. In 2000, it became a constituent institute of the Deemed University – Manipal Academy of Higher Education (MAHE), which is known widely today as Manipal University. With a total student intake of about 2000 in the first year and around 10,000 students, over 622 faculty members, over 1000 support staff, over 26900 alumni, the Institute provides the right ambiance and platform for the students' all-round development. It has the requisite student to teacher ratio of 15:1. MIT has 16 undergraduate programs, 25 Masters Programs and Doctoral programs in all streams of Engineering and Science under 18 different departments. Ten undergraduate programs at MIT are

accredited by the National Board of Accreditation (NBA). To promote innovation, incubation and entrepreneurship, the Innovation Centre at MIT houses Manipal University Technology Business Incubator and Central Instrumentation Facility. The institute undertakes sponsored research programs supported by funding agencies such as DST, CSIR, AICTE and the Ministry of Environmental Sciences. It has collaborative research programs in association with premier research laboratories and institutes in India and abroad. The Institute is proud to have produced several top-notch industry leaders such as Mr Satya Nadella (CEO, Microsoft), Mr Rajeev Suri (CEO, Nokia), Mr Ananth Talualikar (CEO, Cummins), Mr Banmali Agrawala (CEO, GE South Asia), and much more.

Institutional activities/curricular activities:
New initiatives:

Sl no	Activity	Particulars
1	Workshop on fabrication and testing of composite materials	Dept organized hands on experience workshop for students in the field of composite materials. The workshop held for two days with 30 of participants.
2	"Shannon Centenary lecture series" has been initiated	2016 being the Centenary of Claude Shannon, the Dept has initiated a series of lectures in his name, to be given by people who are experts in the field of Information theory. The first in the series has been delivered by Dr Pitchaiah Mandava, Baylor College of Medicine Houston San Diego, California, Florida – "Shannon's Information Theory: Applications in Medicine and other far flung fields", on 24 Oct 2016
3	ICETCS – 2017	Organizing an International Conference on Emerging Trends in Chemical Sciences (ICETCS – 2017), during 14-16 September 2017
4	Salter's Chemistry Camp	Organized Salter's Chemistry camp, from 4-6 Jan 2017
5	Center of Engineering Design Consultancy and Skill Development	The Centre will function under the supervision of the Director of Manipal Institute of Technology, Manipal. And the coordinators of the Centre will report to the Director, MIT Manipal. For functional matters of the Centre. The Centre is undertaking consultancy work in the fields of structural Engineering. Also, the training programs for the students and practicing Engineers will be conducted from time to time.
6	"Computer Networks Lab" – setup as per revised curriculum	The laboratory has been set up for fifth semester students as a part of curriculum. In this, students are working on experiments related to computer networks. The lab also has a mini-project component.
7	Building automation lab in association with Schneider Electric	New elective subjects have been introduced. A lab has also been set up and students are carrying out projects in this lab.
8	Training Program on "ARM CORTEX M3"	A hands-on training program was arranged in association with industry to students and faculty.
9	Power Electronics Lab	Power Electronics lab caters for Undergraduate and Post-Graduate Students of EEE Dept and the Lab has two parallel rows of symmetrical work tables. The tables are wired with 1 Phase AC Supply, DC Supply and Three Phase AC Power Supply. The tables are also provided with switch sockets, some of them with UPS back up to connect computers and other hardware. There are two tables with granite tops to support soldering activity. The lab is equipped with adequate experimental hardware in lines with the latest developments in the field of Power Electronics. The lab is equipped with Power Supplies, Digital Oscilloscopes and Power Analyzers which can be used in testing along with supporting the lab experiments.

Sl no	Activity	Particulars
10	EMC Corporation Centre of Academic Excellence (CoAE)	The objective of creating EMC's Centre of Academic excellence is to provide latest skills and knowledge and to facilitate research, exchange of ideas, solutions to industry problems in areas of Cloud, Big data, security, information storage and more. Guidance to faculty and academics for developing students' knowledge and skills in the areas of third platform. It will help institutes to gain access to unique resources, which will not only help acquire new knowledge and skills but also helps to create a talent pool for upcoming IT opportunities.
11	Centre for Renewable Energy Sources Laboratory	New laboratory initiated by the Dept of Mech and Mfg Engg in the academic year 2016-17. As a central facility, Dept of E and E Engg is involved in the academics' activities.
12	Animal Cell Culture Lab	A fully functional animal cell culture lab has been established, which will be utilized by the UG, PG and also the PhD students. This lab has equipment's like biosafety cabinet, CO2 incubator, centrifuge, deep freezer, liquid nitrogen containers, inverted microscope etc.

All other activities in the department relating to the program/course:

Sl no	Activity	Particulars
1	Open elective for PG – Non – Destructive Testing of Materials	Although this course was being offered by the Dept of Civil Engineering for past few years, an initiative has been taken this time (as a test run) to give a new direction to the course through Tuterra platform. Tuterra is a new model of partnership between global educator networks and accredited higher educational organizations. Tuterra's enables global teams of educators to partner with local faculty at accredited educational organizations to co-create content and co-teach, thereby enabling educational organizations to upgrade and augment their local faculty resources and offer enhanced courses customized to their students' needs in areas where their in-house resources may be limited.
2	Industry based elective	Fourth Sem BTech – Introduction of new open elective (offered to students other than CSE/IT/CCE branches) CSE 3292 – Python Programming (Open Elective) in collaboration with Infosys.
3	Building automation lab in association with Schneider Electric	New elective subjects (Both as program elective and open elective) have been introduced.
4	Training Program on "ARM CORTEX M3"	A hands-on training program was arranged in association with industry to students and faculty.
5	Design for Manufacturing and Assembly (Fourth Semester Mechanical Engineering Program Elective)	Applied in industries for designing the mechanical components that can be manufactured at lower cost with reduced time to manufacture. The concepts and techniques studied will help in industries to design, realize and analyses the assembly structure in an economical way by optimizing the part count.
6	Human Resource Management (Fourth Semester Mechanical Engineering Program Elective)	The subject focuses on managing the industrial/organizational manpower: <ul style="list-style-type: none"> • Recruitment and Selection • Training and Development • Compensation, Rewards and Benefits Management • Organizational Design and Development • Business transformation and change management • Performance, Conduct and Behaviour Management • Industrial and Employer relations • Workforce Analysis and Management of Workforce personal data
7	Machine Tool Technology (Sixth Semester Mechanical Engineering Program Elective)	This course gives the guidelines related to: <ul style="list-style-type: none"> • The optimization of the gear box design and assembly in production machines. • The optimization of the machine tool structure design using various parameters. • The measures to be taken to overcome technical faults (like chatter, vibration of the machine etc.).

Sl no	Activity	Particulars
8	Fatigue and Fracture Mechanics (Sixth Semester Mechanical Engineering Program Elective)	<ul style="list-style-type: none"> To carryout fatigue tests of industrial components To design components based on fatigue and fracture considerations To study failure investigation report of industrial components
9	Financial Management (Sixth Semester Mechanical Engineering Program Elective)	Course outlines about: <ul style="list-style-type: none"> Producing financial reports Role of finance in inventory Role of finance in production and operation management Role of finance in industrial decisions
10	Three New elective added to MSc (Physics)	CBCS curriculum for MSc (Physics) (for the student being admitted in and after 2018) was developed. New electives streams (one in theoretical physics and the other in Electronics) were introduced to the curriculum of MSc (Physics) (four new elective courses). One elective (Astronomy and astrophysics) was set for the MSc in Chemistry, Mathematics and Geology. Research methodology is also introduced to the curriculum of MSc.
11	Digital Medicine	Changes in health care are a fundamental part of social and intellectual evolution. The modern practice of scientific medicine depends on the existence of the written and printed word to store medical information. Computers can transform information, store it, and new digital tools can record clinical data and, generate medical knowledge and develop "digital medicine" that is potentially more precise, more effective, more experimental, more widely distributed, and more egalitarian than current medical practice. Critical steps in the creation of digital medicine are careful analysis of the impact of new technologies and coordinated efforts to direct technological development towards creating a new paradigm of medical care. This elective deal with addressing these issues.
12	Health Economics	The Commission on Investing in Health, Lawrence Summers, reported that around one quarter of economic growth between 2000 and 2011 in low-income and middle-income countries resulted from the value of additional life years gained by improvements to health. This finding enables us to look forward to a grand convergence in health — "We have the financial and ever-improving technical capacity to reduce infectious, child, and maternal mortality rates to low levels universally by 2035." Mortality in low-income and middle-income settings could fall to levels presently seen in the best-performing middle-income nations. Between 1960 and 2000 improvements in life expectancy had a directly positive impact on per capita GDP growth. The elective "Health Economics" deals with aspects such as basic understanding of economics, epidemiology, health care and related policies, the healthcare sector and the pharmaceutical market.

Details of guest visit:
Visitors:

Sl no	Visitor's details	Name of the Institute/ University/ Organization/ Industry of the visitor	Purpose of visit	Date of visit
1	Prof Alfred Cahuzak and Mr Amlan Bora, Internationalization Coordinator (Asia)	Avans School of International Studies (ASIS), Netherlands	To explore possibilities of collaboration with Manipal University	1 Feb 2016
2	Dr Susan Carvalho, Associate Provost for Internationalization	University of Kentucky, USA	To explore possibilities of collaboration in various streams	9 Feb 2016
3	Dr Nancy Johnson, College of Business and Economics			
4	Dr Srimati Basu, College of Arts and Sciences (Dept of Gender and Women's Studies)			

Sl no	Visitor's details	Name of the Institute/ University/ Organization/ Industry of the visitor	Purpose of visit	Date of visit
5	Dr Vivek Rangnekar, Researcher, Markey Cancer Center	University of Kentucky, USA	To explore possibilities of collaboration in various streams	9 Feb 2016
6	Mr Nitin Gadkari	Minister of Road Transport and Highways of India, GOI	Visit to MIT	28 Mar 2016
7	Mr Emmanuel Dequeker, Head of Service Internships and International Cultures and Mr Prashantha Kalappa, Associate Professor, Polymer Nanocomposites, Smart Polymers and Biopolymers	Ecoles des Mines de Douai, France	To discuss and explore collaborative opportunities in engineering	27 Apr 2016
8	Prof Wei-Chung Wang, Senior Advisor for Global Affairs and Ms Hui-Ju Yang, Senior Program Manager	National Tsing Hua University, Taiwan		23 Jun 2016
9	Ms Maneeta Sahmey, Country Business Engagement and Partnerships Advisor – India	University of Nottingham, UK	Student exchange agreement with MIT	4 Jul 2016
10	Dr Eugene Sebastian, Deputy PVC, Business International	RMIT, Australia	Academic collaboration	13 Jul 2016
11	Mr Graham Airey, Head of School – Vocational Business			
12	Mr Glenn Westmore, Program Manager, School of Vocational Engineering, Health and Sciences			
13	Mr Tom Gifford, RMIT International – Regional Manager, Middle East, Africa and South Asia			
14	Mr Abhishek Tulsian, RMIT International – In Country Manager – India			
15	Ms Manisha Aggarwal, RMIT International – In Country Manager – India			
16	Dr Suresh Sampath	Cranfield University, UK	To discuss potential collaboration opportunities between the two universities	21 Jul 2016
17	Dr Bruce Quare, Associate Professor – Chemical and Environmental Engineering	University of Nottingham, UK	Discussion on Chemical Engg programs	23 Aug 2016
18	Prof Sabine Vercruyse, Faculty Academic Director Degree-seeking programs, Vice-Chairman Campus Group T	KU Leuven Faculty of Engineering Technology	Semester exchange/ research	12 Sep 2016
19	Prof Abhishek Dutta, Professor in Chemistry			
20	Mr Wim Polet, Director of International Office			

Sl no	Visitor's details	Name of the Institute/ University/ Organization/ Industry of the visitor	Purpose of visit	Date of visit
21	Dr Robin Ram Mohan Doss, Deputy Head of School, School of Info Technology, Faculty of Science Engineering and Built Environment	Deakin University, Australia	Academic and Research Collaboration	26 Sep 2016
22	Mr Dhruv Mohan, International Manager – South Asia sharing with Koushik Chakraborty, Manager Operations			
23	Ms Jenifer Kay Singer, Assistant Director for International Admissions	University of Wisconsin, Milwaukee, USA	Possible areas of collaboration for engineering streams	1 Oct 2016
24	Mr Dilip Chhabria	Designer	Visit to MIT	4 Oct 2016
25	Dr Soe Win, Permanent Secretary	Ministry of education, Myanmar	Possible collaboration in curriculum	6 Oct 2016
26	Mr Francois Gautier, Consul General of France		Welfare of French students in Manipal	7 Oct 2016
27	Prof Vito Ferro, Deputy Director, Biotechnology Program and the Director, DBiotech Program, School of Chemistry and Molecular Biosciences	The University of Queensland, Australia	Visit to Chemistry Dept	12 Nov 2016
28	Mr Rajeev Suri	Chief Executive Officer (CEO), Nokia Siemens Networks	Interact with students at his alma matter MIT	19 Nov 2016
29	Dr Vijay Panchal, Professor and Head, Civil Engineering Department	Charotar University of Science and Technology, Changa, Gujarat	Discussion on Civil Engg courses	29 Dec 2016
30	Dr Zafar Azeem, Assistant Professor			

Guest lectures:

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
1	Prof Henriko Staderini	Professor, Dept of Biomedical Engineering	Western Switzerland University of Applied Sciences	Visiting Faculty	9 Sep 2016
2	Mr Prasad A	Senior Clinical Sales Executive	Johnson and Johnson Medical, Bangalore	Guest Speaker	6 Apr 2016
3	Dr P K Vasudeva	Dy General Manager, Product Development	Sequent Scientific Ltd, Mangalore	Guest Speaker	17 Mar 2016
4	Dr Rajesh Srivastava	Dept of Geology	Banaras Hindu University, Varanasi	Adjunct Faculty	9 Nov 2016
5	Dr Rajiv Sinha	Dept of Earth Sciences	Indian Institute of Technology, Kanpur	Guest Speaker	21 Nov 2016
6	Dr Shrihari	Professor, Dept of Civil Engg	NITK, Surathkal	Guest Speaker	19 Mar 2016
7	Mr Manjunatha B R	Dept of Marine Geology, Mangalore University	Mangalagangothri	Guest Speaker	11 Mar 2016
8	Dr U C Niranjan	Director, Research and Training	Manipal DOT NET	Visiting Faculty	30 Jul 2016
9	Mr Anil Baliga	Manjeshwara Techno Trades	Mangalore	Guest Speaker	19 Mar 2016
10	Mr Vijaya Vishnu Maiya	Past President/member of ACCEI	Mangalore	Guest Speaker	19 Mar 2016

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
11	Dr Rajesh K Srivastava	Dept of Geology, Banaras Hindu University, Varanasi	Varanasi	Guest Speaker	21 Mar 2016
12	Dr A L Ananthapadmanabha	Prof, Dept of Geology, Govt College	Vidyanagar, Kasargod, Kerala	Visiting Faculty	5 Apr 2016
13	Dr Sijin Kumar A V	Dept of Geology, Central University of Kerala	Kasargod, Kerala	Visiting Faculty	9 Nov 2016
14	Mr Gopinathan Nair	Assistant Prof, Dept of Geology, Govt College	Vidyanagar, Kasargod, Kerala	Visiting Faculty	4 Apr 2016
15	Dr Somashekar S Hiremath	Associate Professor, Dept of Mechanical Engineering	IIT Madras, Chennai	Adjunct Faculty	1 Jun 2016
16	Mr Krishnamoorthy R	Associate Vice President, Larsen and Toubro Limited, Integrated Engineering Services, SEZ	Unit III, Hazel – Block L3, Manyata Hobli Outer Ring Road, Bengaluru	Adjunct Faculty	1 Jun 2016
17	Mr Abhay Gupte	CEO, Manipal Technologies Ltd, Manipal	Manipal	Guest Speaker	8 Oct 2016

Details of Publications:

	National		International	
	Indexed	Non-Indexed	Indexed	Non-Indexed
Faculty	10	2	191	8
Student	1	--	9	1

Conferences attended by Institution faculty and students:

	National	International
Faculty	70	278
Students	19	59

Details of conferences/workshops conducted by the Institution:

Particulars	National	International
Conferences	6	--
Workshops	17	1
Seminars	6	--
Others	11	1

Books/chapters authored by faculty members:

Sl no	Name of the Book	Chapter/s name	Faculty members	Publisher
1	Effect of Slow and Fast Music on the Autonomic Nervous System and Cardiac Health: A Preliminary Investigation	Chapter in a book	Suraj Kumar Nayak and Dr Goutam Thakur	IGI Global
2	Biotechnology and Biochemical Engineering	Chapter in a book	Sriprasad Acharya	Springer Singapore
3	Advanced Computing and Communication Technologies	Chapter in a book	Dr Vinod kumar Joshi	Springer Singapore
4	Combined SCP and Geometric Reconstruction of Spine from Biplanar Radio Graphics, Proceedings of Fifth International Conference on Soft Computing for Problem Solving	Chapter in a book	Dr Hareesha K S	Springer
5	Classification of Surface Electromyogram Signals Acquired from the Forearm of a Healthy Volunteer	Chapter in a book	Uvanesh K, Goutam Thakur	IGI Global

Sl no	Name of the Book	Chapter/s name	Faculty members	Publisher
6	Development of a Surface EMG-based Control System for Controlling Assistive Devices: A Study on Robotic Vehicle	Chapter in a book	Uvanesh K, Goutam Thakur	IGI Global
7	Development of Bluetooth, Xbee, and Wi-Fi-Based Wireless Control Systems for Controlling Electric-Powered Robotic Vehicle Wheelchair Prototype	Chapter in a book	Biswajeet Champaty Goutam Thakur	IGI Global
8	A Novel Single step Sono Chemical Synthesis of micro nano size palladium metal oxides	Chapter in a book	Prof Sivasankaran S	Springer

Details of Research Grants:

Sl no	Project Name	Principal Investigator	Funding Agencies	Total Grants
1	An Automated Rehabilitation Device for Oral Cancer Patients	Ms Lamia Salam	BIRAC	49,49,000
2	Providing voice for the voiceless: An Artificial larynx for voice restoration in post-operative throat cancer patients	Ms Tuhin Subhra Sen Gupta	Dept of Biotechnology	14,50,000
3	Digital TB Screening	Dr Ramesh R Galigekere	State TB Office, Karnataka	2,00,000
4	Development of Novel Nano-Materials for External/Internal Reforming Reactions for Fuel Cell Applications	Dr Harshini Dasari	Korea Institute of Science and Technology, South Korea	11,00,000
5	Development of agricultural waste based heterogeneous catalyst for production of biodiesel from mixed waste cooking oil and its performance on diesel engine	Dr SVSR Krishna Bandaru	KSCST	6,000
6	Financial assistance to attend the 35th international geological congress at capetown, South Africa	Dr K Balakrishna	Ministry of Mines and Ministry of Earth Sciences, Govt of India	2,00,000
7	To Develop and validate automated home amsler grid (E-msler) for screening sight threatening eye (MACULAR) diseases	Dr Ramesh S V	DST SEED/ TIDE/015/2014	30,51,699
8	An elucidate study on theta functions and its applications	Dr Srivatsa Kumar B R	SERB (DST)	2,08,510
9	The study of effects of radiation on Eu ₂ O ₃ doped lead fluoro borate glasses" [S No: 12/34/17/BRNS/872]	Dr Raviprakash Y	DAE-BRNS, GOVT OF INDIA	4,07,706
10	Magnetic and optical properties of pure and Mn doped ZnO nano films grown by spray pyrolysis method		UGC-DAE CSR, Mumbai Center	2,26,704
11	To study the magnetic field induces structural and phase transition using LTHM XRD for bismuth doped Pr _{0.6-x} BixSr _{0.4} MnO ₃ (0-0.25)	Dr Mamatha D Daivajna	UGC-DAE Consortium for Scientific Research, Indore	45,000
12	Establishment of a National Centre for Testing Biomedical Devices	Dr V S Venkatesan	Dr Ranjan Pai Endowment	50,00,000

Awards/Recognitions:
Institution:

Sl no	Name	Details	Date
1	NBA Accreditation	Following 10 UG Programs are accredited by National Board of Accreditation (NBA) <ul style="list-style-type: none"> • Biomedical Engineering • Biotechnology • Chemical Engineering • Mechanical Engineering • Instrumentation and Control Engineering • Civil Engineering • Computer Science and Engineering • Electronics and Communication Engineering • Electrical and Electronics Engineering • Information Technology 	1 Jul 2016

Faculty members:

Sl no	Name	Details	Date
1	Prof Balakrishna Maddodi, Faculty member in Civil Engineering MIT	Received "Aryabhatta International Award" for his social and education service to the community	2016
2	Dr G K Prabhu, Director, MIT	Rotary Literacy Mission 2016 conferred "Nation Builder Award"	2016
3	Ms Salmataj S A	Dr P Usha Sarma Best poster award in genomic proteomic sciences clinical application For the application of folk medicine	12-15 Dec 2016
4	Dr K Balakrishna	Best Havyaka Researcher	2 Jan 2016
5	Dr V I George	Fellow of Indian Society of Systems for Science and Engineering (ISSE)	1 Jun 2016
6	Dr V I George	Lifetime achievement award for the contribution and achievement in the field of control system	9 Jul 2016
7	Dr Sudha Kamath	Woman of Distinction [VIWA 2016]	5 Mar 2016
8	Prof Govardhan Hegde K	Bronze Partner Faculty from Infosys Under Inspire-The campus connect Faculty Partnership Model	1 Jul 2016
9	Prof Govardhan Hegde K	Coursera Course Completion Certificate on Programming for Everybody (Getting started with Python) an online non-credit course authorized by University of Michigan and offered through Coursera Online Course from Coursera	17 Oct 2016
10	Mr Govardhan Hegde K	Certification on Data Scientist's Toolbox Online Course from Coursera	12 Feb 2016
11	Mr Muralikrishna S N	Certificate of Appreciation for Poster presentation Poster Presentation as a part of research colloquium	30 April 2016
12	Mr Prakash Kalingrao Aithal	Certification course on Global Financial Markets and Instruments Got Certified by taking online exam securing 95%	10 Oct 2016
13	Roshan David Jathanna	Bronze partner faculty under Inspire – The Campus Connect Faculty Partnership Model	10 Nov 2016
14	Mr Anandh N	Best Paper Award	16-10 Dec 2016
15	Mrs Bindu S	Best Paper Award	17-18 Dec 2016
16	Prof Anjan Gudigar	Certificate of Appreciation Poster presented during MU research colloquium	4 Apr 2016
17	Dr I T Arasu	Best Paper Award	7 Apr 2016

Sl no	Name	Details	Date
18	Dr Nethaji	Best Paper Award Research	28 Feb 2016
19	Dr Manohara Pai M M; Sanoop Mallisery; Yash Mehta; Shwetanshu Singh	Best Paper Award for paper titled "Cloud Enabled Air Quality Detection, Analysis and Prediction – A Smart City Application for Smart Health"	16 Mar 2016
20	Mr Akshay K C	Utsav 2016; Variety entertainment – First	4 Apr 2016
21	Mr Sanoop Mallisery, Dr Manohara Pai M M Dr Radhika M Pai	Best Paper Award Congestion Free Vehicular Path Planning System: A Real Time Cloud Enabled ITS Application	21 Aug 2016
23	Dr Raghvendra Prabhu P	Best Paper Award Presenting a paper titled Surface Improvement of Shafts by Turn-Assisted Deep Cold Rolling Process at Fourth Asia conference on Mechanical and Materials Engineering (ACMME 2016)	18 Jul 2016
24	Dr Ashwatha Narayana Prabhu	Session best paper In recognition of research work presented at the "Fifth International Conference on Mechanical, Metallurgy and Materials Engineering (ICMME-16), held at Pattaya.	22 Jun 2016
25	Dr Raghunandana K	Best Student Section 2015-16 MITMT Student section, Manipal has recognized as Best student section in ISA Bengaluru Chapter	6 Nov 2016

Students:

Sl no	Name	Details	Date
1	Ms Eshwari Dathathri	Best Oral Presentation For presenting a paper, "A comparative release study of Curcumin and Dioclofenac Sodium from Genipin cross-linked composite Hydrogel" in the track "Translational Engg in Health and Medicine"	10 Feb 2016
2	Ms Akondi Saisri	Best Delegate Presenting health policies at WHO	8 Apr 2016
3	Ms Akondi Saisri	Delegate/ Harvard US-India Initiative In recognition for the work done in amending and reviewing The Right to Education Act, 2009	8 Jan 2016
4	Ms Sushruta S Hakkimane	TB Awareness Poster Competition on the theme "Unite to End TB"	23 Mar 2016
5	Mr G John Dominic	The Best Oral Presentation Award Has been Awarded for the Best Oral presentation in the National Conference on Recent Trends in Chemical Sciences (NCRCS 2016) held at Manipal Institute of Technology, Manipal.	11 Jan 2016
6	Ms Akshatha N	Has been awarded first prize for the group seminar presentation during BRNS-AEACI Twelfth School on Analytical Chemistry (SAC-12) held at Dept of chemistry, BITS Pilani-KK Birla Goa Campus.	15-22 Nov 2016
7	Ms Shanteri Kamat, Mr Abhishek Mahapatra	INK MAKERS-2016 Winner – 3rd Place	1 Apr 2016
8	Mr Armaan	Guinness World Records Certificate The Longest selfie stick measures 10.39 m(34 ft 0.8 in)	4 Nov 2016
9	Ms Keerthana	Tennis Tournament – Girls Team – Winner Inter Collegiate Tennis Tournament – 2015-16	4-5 Mar 2016
10	Mr Brindan Dsouza	Athletic Meet – Winner Inter Collegiate Athletic Meet	25-26 Feb 2016

Sl no	Name	Details	Date
11	Mr Shashank Shekar	Paper Presentation-Second Prize Tech Week – 16	1-5 Feb 2016
12	Ms Shinjini Guha	Football-Girls Team – Winner All India Inter Collegiate Tournament – “Spree 16” Sports Festival	3-6 Mar 2016
13	Ms Sushmitha Panigrahi	Squash Tournament – Winner Inter Collegiate Squash Tournament	13 Feb 2016
14	Ms Ojasvi Singh	Paper Presentation-Second Prize Tech Week – 16	1-2 Feb 2016
15	Mr Shubhankar Singh	Football Tournament – Boys Team – Winner Revels- 2016	9-12 Mar 2016
16	Ms Suchali Sharma	Won the first place for Technical Paper Presentation eighth National conference on AECT- 2016	28-30 Jan 2016
17	Mr Utkarsh Srivastava	Frist prize in Nukkad Natak Unmaad – 16 – A breath of life	29 -31 Jan 2016
18	Mr Vishaal Ranjan	Paper Presentation - second prize Tech Week – 16	1-5 Feb 2016
19	Mr Prashanth Kumar	Microsoft Imagine Cup 2016 Student Technology Competition	22 Apr 2016
20	Mr Anurag Kishore	Best Student Project Award by TCS In recognition of the academic project work, as adjudged by the Institute for the Academic Year 2014 – 2015.	22 Jun 2016
21	Ms Rajalakshmi Kamath V.	II Runner UP INK Makers Grand Finale, 2015	30 Mar 2016
22	Mr Aman Ali	Second Place National Fuel RC Competition	25 Sep 2016
23	Mr Trianka Mitter	Blitzkrieg Dance Crew Las Vegas, Nevada	8-13 Aug 2016

Staffs:

Sl no	Name	Details	Date
1	Mr Rathnakara Samantha, Senior Security Officer, MIT	Honored with “Jilla Rajyostava Award” by Udupi District	2016

Photo archive of important events:



Mr Rajeev Suri, President and CEO, NOKIA, an illustrious alumnus MIT visited the Institute on 19 Nov 2016.



Manipal Entrepreneurship Summit 2016, 16 Apr 2016



MIT Orientation-2016 for First year students on 27 Jul 2016



Annual Day Celebrations on 17 – 20 Oct 2016



Mr Dilip Chhabria, Designer, addressed the students at MIT on 10 Oct 2016



Microsoft Hackathon 2016 on 30 Sept and from 22-23 Oct 2016



Revels-2016 8 -11 Mar 2016



Angelhack Hackathon on 23-24 Apr 2016



TechTatva 2016



Blitzkrieg Dance group of MIT bagged the first place in the prestigious "HipHop International India 2016"

FACULTY OF ARCHITECTURE

Academic Block -2, MIT CAMPUS, Manipal University Manipal -576 104 Udupi District, Karnataka, India

Phone Number: +91 820 2924111

Email-Office: office.msap@manipal.edu Dean: nishant.hm@manipal.edu



Name of Dean: Prof Nishant H Manapure

Established: 1978

Programs:

Architecture courses:

- Bachelor of Architecture / (BArch.)
- Master of Architecture (Urban Design and Development)/MArch. (UDD)
- Executive Master of Architecture (Advanced Design)/ Exe MArch (AD)
- Doctor of Philosophy (PhD)

Design courses:

- Bachelor of Design (Interior Design)/BDes (ID)
- Bachelor of Design (Fashion Design)/BDes (FD)
- Master of Arts (Interior Design)/MA (ID)
- Certificate of Fashion Design

About institution:

Faculty of Architecture (FOA) provides the best quality design programs in the domains of architecture, interior design and fashion design in the country. Established in 1978, the school has a pioneering legacy of 38 years. FOA fosters a creative innovative and intellectually vibrant learning environment with a global outlook. It strives to establish academic and professional excellence in architecture and design. FOA is an elite institution with state-of-the-art facilities and infrastructure. It includes the

design studios, computer lab with latest design software, various supporting labs and library with latest additions of architecture, technology, interior design, fashion design books and journals. Dedicated and experienced faculty members encourage student centric practices where learning expands beyond the four walls of the classroom. Preparing students for timeless success in the profession of design is the primary goal of the academic systems at FOA.

Institutional activities/curricular activities:

New initiatives:

Sl no	Activity	Particulars
1	Centre for Urban Studies	<p>Centre for urban Studies has been formed at FOA with the following objectives.</p> <ol style="list-style-type: none"> 1 To conduct research works on urban issues such as growth, management governance health, safety, environment, etc. 2 To focus on inclusive development and on issues related to economically weaker sections. 3 To start new interdisciplinary graduate courses. 4 To continually engage government bodies and other stakeholders. <p>Prof Sanghamitra Roy, FOA, Manipal is the Coordinator for the said centre. The centre functions under the supervision of Director, FOA.</p>

All other activities in the department relating to the program/course:**Workshops conducted for FOA Students:**

Sl no	Activity	Particulars
1	Design Charrette Competition at Chennai	Ms Iswarya R (MAHE0012784), Assistant Professor, FOA visited Chennai as a faculty co-ordinator for Design Charrette Competition as a part of Transparence. (Organized by Saint Gobain India). She was accompanied by BArch students of FOA as a part of the academic activity from 10 to 13 Mar 2016.
2	INSIG event	INSIG – unveil the unexpressed, is an event planned by Fashion and Interior Design students of FOA to promote the Autism Awareness Week (2-8 Apr 2016), which received much appreciation from all ends. Visitors, Guests and Sponsors expressed that INSIG was one of the most well-organized and well-executed event. The highlight of the event was the fashion show that sported the residents of ASARE. The Fashion Design students of FOA, enthusiastically custom-designed attires for the residents to model. The residents enjoyed their time on stage and Mr Jai Vittal, Estate Officer and also key person at ASARE shared their joy by supporting them from off-stage. Apart, FOA has announced Rs 100,000 for the betterment of the residents of ASARE.
3	Clay Art Workshop	Shri Chandrasekhar Koteswar, Teaching Assistant, Dept Of Museology, Faculty of Fine Art MS University, Baroda, has conducted the Workshop on 'Clay Modeling' from 30 Sep to 3 Oct 2016 to all Interior Design and III Semester BArch students of FOA. This workshop provides an opportunity to express talents which are different from architecture but related to imagination, visualization and creation and also thoroughly explore the possibilities and limitations of material presents through different modes of making.
4	Glass Etching Workshop	Shri Sukesh B C Gowda, Freelance Sculptor, #255, Vinayaka Layout, Ullala Main Road, Bangalore, has conducted the workshop on "Glass Etching" from Friday, 30 Sep to 3 Oct 2016 to all Interior Design and 3rd Semester BArch students. This workshop provides an opportunity to gain experience in the real world of hospitality industry. Students were allowed to explore in creative field by using glass etching which can act as theme for one of the spaces of Fortune Valley Hotel Manipal.
5	Metal Art Workshop	Y A Steel Furniture, Udyavara Udupi has conducted "Metal Art" workshop on 30 Sep to 2 Oct 2016 to B Arch students of FOA. This workshop provides an opportunity to gain experience in learning of metal as a material for visual expression. To provide opportunity to enhance and enrich imagination and creativity. To provide opportunity to learn through hands on activity with fun.
6	Wood Art Workshop	Mr B Venkataramana Bhatta - Coconut Shell Artist and Karkala Wood workshop have conducted the workshop on Wood Art on 30 Sep, 1 and 2 Oct 2016 to the BArch students of FOA. This workshop offers hands-on experience of unique ingenuity and workmanship. The essence of creative domain can be achieved by exploring different techniques, processes, developing creative products, finishing and presenting the product for the concepts evolved.

Case Study visits/student competitions conducted for FOA students:

Sl no	Activity	Particulars
1	Case/Site Study	As a part of an Academic activity, 4th Semester BArch students visited Auroville and Trivandrum from 1 to 8 Feb 2016.
2	Case/Site Study	As a part of an Academic activity, second, fourth and sixth Semester students of BA (ID)/BDES (ID). Visited Hyderabad from 1 to 7 Feb 2016.
3	Educational Trip to Sirsi, Karnataka	As a part of an Academic activity of Architectural Design studio and academic curriculum, fourth Semester C section BArch students visited Sirsi, Karnataka from 22 to 24 Feb 2016.
4	Study Trip to Coimbatore	Second year Fashion Design students visited Coimbatore for a study trip as a part of an academic activity from 10 to 14 Mar 2016.
5	Study Tour	Students of BArch course visited Manali and Shimla for a study tour as a part of an academic activity of BArch course from 3 to 12 Jun 2016.

6	Study Tour	Students of BArch course along with Faculty Coordinators visited Sikkim and Darjeeling for a study tour as a part of an academic activity of BArch course from 3 to 10 Jun 2016.
7	Study Tour to Pune	5th Semester (D Section) B Arch Students visited Pune for site visit as a part of an academic activity from 6 to 8 Aug 2016.
8	Study Tour to Ahmedabad	Third semester BArch students visited Ahmedabad for study trip as a part of academic activity from 20 to 28 Aug 2016.
9	Study Tour to Kochi and Kannur	Third Semester BArch Students visited Kochi and Kannur and Kerala for study tour as a part of an academic activity from 20 to 26 Aug 2016.
10	Study Tour to Pune and Kolhapur	MArch (UDD) Students visited Pune-Kolhapur for study tour as a part of an academic activity from 10 to 15 Sep 2016.
11	Circuit Tour to Udaipur, Rajasthan	Students of BArch course along with faculty members visited Udaipur Circuit Tour as a part of an academic activity of BArch course from 29 Nov to 9 Dec 2016.

Details of guest visit (lectures, collaboration, visitors on campus)

Guest lectures:

Sl no	Visitor	Designation/Name of the University	Purpose of visit	Date of visit
1	Dr Annesha Choudhury	Doctoral Scholar, Academy for Conservation Science and Sustainability Studies, Ashoka Trust for Research on Ecology and the Environment, Bangalore	Dr Aneesha Choudhury has delivered the Expert Lecture on Landscape Conservation for eighth Semester BArch students of Advanced Landscape Design and Landscape Ecology for eighth Semester BArch students and second Semester MArch (PGE) students.	2 Mar 2016
2	Dr Tathagata Chatterji	Professor and MArch Coordinator at School of Planning and Architecture, Vijayawada, Andra Pradesh	Dr Tathagata Chatterji has delivered the Expert lectures and has reviewed the Thesis and Studio works of Post Graduate Students of Master of Urban Design Development and Executive M Arch	8-9 Apr 2016
3	Prof Raghavendra Holla	Professor, Dept of Civil Engineering, MIT, Manipal	Prof Raghavendra Holla has delivered the expert lecture on "Construction Equipment planning and Management" to fourth sem MArch (Advanced Design Students).	4-11 Mar and 18 Mar 2016
4	Mr Hara Kumar and Mr Kiriti	Research Associates, TERI (The Energy and Resources Institute) - South Regional Centre, Bangalore	Mr Hara Kumar and Mr Kiriti delivered the guest lecture and conducted the design discussions for fourth Semester BArch students	19-20 Apr 2016
5	Ms Nisha Damodar Kundar	Urban Design Consultant at Mumbai and Visiting Faculty at Academy of Architecture, Mumbai	Ms Nisha Damodar Kundar has delivered the guest lecture on Understanding Indian Cities and reviewed the studio work of second Sem MArch (UDD), students.	23 Apr 2016
6	Mr Suhas Hegde	Environmentalist and Herpetologist, Sirsi	Mr Suhas Hegde, External Jury Member for Pre-Final Jury (Architectural Design and Detailing subject) and Interacted with fourth semester BArch students.	3-4 May 2016
7	Mr Vasanth Kamath V P	Assistant Professor, General Management and Entrepreneurship, TAPMI, Manipal	Mr Vasanth Kamath V P has delivered Expert lecture on "Entrepreneurship" to Post Graduate Students of Master of Urban Design Development and Executive MArch.	20 May 2016
8	Ms Minni Sastry	Sustainable Design aspects of "Sensitive eco-systems"	Ms Minni Sastry has delivered Guest Lecture for fourth Semester BArch students.	31 May 2016
9	Mr Hara Kumar	Sustainable Design aspects of 'Social Welfare Buildings'	Mr Hara Kumar has delivered Guest Lecture for fourth Semester BArch students.	
10	Mr Kiriti Sahoo	Sustainable Design aspects of "Urban open Spaces"	Mr Kiriti Sahoo has delivered Guest Lecture for fourth Semester BArch students	

Sl no	Visitor	Designation/Name of the University	Purpose of visit	Date of visit
11	Ms Deepta Sateesh	Dean of the School of New Humanities and Design at SRISHTI, Institute of Art, Design and Technology, Bangalore	Ms Deepta Sateesh has delivered the expert lecture on Sustainable Development in the Western Ghats to First Semester Post Graduate (Advanced Design) and 3rd Semester Masters (Urban Design Development) students.	17 Sep 2016
12	Dr B H Rathi	Chairman of Rathi Associates, Bangalore	Ms Rathi has delivered the Expert lectures on "Services in Interiors" to First Semester MA (Interior Design) Post graduate students, BDes (Interior Design) and seventh semester BArch students.	24 Sep 2016
13	Dr Tathagata Chatterji	Professor at Xavier University, Bhubaneswar	Dr Tathagata Chatterji has delivered the Expert Lectures on Modules of Urban Design and Development theory and Urban Transformation to Post Graduate Students of Master of Urban Design Development.	11-22 Oct 2016
14	Ms Usha Parnikar	Retd Teacher, Nagarpalika Shikshan Samithi, Baroda	Ms Usha Parnikar has delivered the Expert Lecture on "Knitting and Crochet" to the students of Fashion Design course	5 Oct 2016
15	Mr A P Mahesh	Regional Director (South Asia), Meinhardt Facade Technology (India) Pvt Ltd, Chennai	Mr A P Mahesh has delivered the Expert Lectures on Curtain Wall, Façade Engineering, Lighting, Glazing, Infrastructure and Environment for all PG (Executive PG and MUDD) and fifth semester BArch Students.	20-21 Oct 2016
16	Ms Rachita Mishra	Program Manager, Urban Community Lab SELCO Foundation, Bangalore	Ms Rachita Mishra has conducted the Expert Lecture and review on "Guidelines for Sustainable Development of Mudu Kudru Island, Udupi" for the First Semester (Advanced Design) and Third Semester (Masters in Urban Design Development) Post Graduate students.	22 Oct 2016

Details of publications:

National		International	
Indexed	Non-Indexed	Indexed	Non-Indexed
--	1	08	--

Conferences attended by institution faculty and students:

	National	International
Faculty members	03	18
Students	--	03

Details of conferences/workshops conducted by the institution:

Particulars	National	International
Workshops	03	01
Others (Guest Lecture/ Seminar/Training Program)	09	--

Awards/recognitions:**Institution:**

Sl no	Name	Details	Date
1	India's Best Professional Colleges - 2015	Ranked 9th among the top Architecture Colleges in Outlook's 2015 Survey of India's Best Professional Colleges.	Jul 2016

Faculty members

Sl no	Name	Details	Date
1	Ms Trupti Kinjawadekar	Received the Best paper presentation for paper entitled “Comparative Study of Diagrid Structures for Effective Application of Structural Systems in High Rise Construction” at International Conference on Technological Innovations in Engineering (ICTIE-16) held in Pune.	16 Dec 2016
2	Ms Monika Singh	Awarded Second by the Jury for the research paper entitled “Potential of Freight Distribution through Urban Rail System-Case study-Delhi” in ninth Urban Mobility India Conference and Expo 2016 (Planning mobility for City’s Sustainability) at Gandhinagar Ahmedabad during 8 to 11 Nov 2016.	11 Nov 2016
3	Dr Shantharama Patil	Awarded Session Best Paper Certificate for the paper entitled “Analysis of composite Sandwich Plates using Higher order computational models” in the International conference on Advance in Engineering and technology Research (AETR-16) held at Dubai on 10 and 11 Jan 2016 organized by International Association of Engineering and Technology Researchers.	11 Jan 2016
4	Dr Pradeep Kini	Awarded Dr TMA Pai Endowment Chair in Sustainable Built Environment for the period 1 Jun 2015 to 30 Jun 2016.	-

Students:

Sl no	Name	Details	Date
1	Mr Vinod Thomas	Mr Vinod Anthony Thomas, fifth Year/tenth Sem BArch bagged the second position in National level competition by RDSO for Odorless and Waterless Toilet Design for Indian Railways.	-
2	Ms Vishnu Priya	Ms Vishnupriya V, 3rd Year 6th Sem BArch, bagged the first position in the 18th Annual Berkeley Prize Essay Competition Under the “International Undergraduate Prize for Architectural Design Excellence” endorsed by Department of Architecture, University of California, Berkeley, USA.	-
3	Mr Sourabh Maheshwari	Sourabh Maheshwari, Student of 7th semester Architecture at FOA Manipal, has been awarded with the best proposal for Smart Campus at the annual Tech Fest of BITS, Goa, 2016. He has successfully completed seven weeks internship with Mr Sonam Wangchuk at SECMOL NGO (Students’ Educational and Cultural Movement of Ladakh) Leh, Ladakh. During his internship, he was involved with several community participation activities starting from designing of toilets to volunteer teaching school children.	-
4	Ms Shivangini Singh	Ms Shivangini Singh, ninth Sem B Arch, is the winner of the National Thesis Competition 2016 of COA (Council of Architecture), conducted by NIASA (National Institute for Advanced Studies in Architecture – the Academic Unit of COA). She has won the award from amongst approximately 300 eligible colleges of architecture from across the whole country. The competition was in three stages – two at the Zonal Level and the Final at the National Level. The award given as the top three winners, which was announced on 17 Sep 2016 by COA. This award has the highest recognition for the academic quality of a college of architecture in India.	17 Sep 2016
5	Mr Ketan Deshpande and Ms Juhi Bhowal	Mr Ketan Deshpande and Ms Juhi Bhowal seventh semester BArch students of FOA have won the 3rd prize in the Design Competition, Accessible Pudhucherry Campaign, 2016 Organized by Satya Special School, Karuvadikuppam.	-

Extra-curricular actives:

Inter institution:

Sl no	Event	Details	Date
1	Manipal University Inter Collegiate Handball (Men) Tournaments 2015-16.	Manipal University Inter Collegiate Handball (Men) Tournaments on 23rd Mar 2016 at MIT Athletic Ground, Manipal.	23 Mar 2016

Outside University:

Sl no	Event	Details	Date
1	State Level Dasara Sports Competition	Mr Adithya R Shetty, third Year BArch student of FOA has won the 2nd prize in Handball tournament in State Level Dasara Sports Competition held in Mysore.	1-4 Oct 2016

Cultural activities:**In Institution:**

Sl no	Event	Details	Date
1	Matribhasha Divas	FOA's Matribhasha Divas was celebrated in a befitting manner by organizing activities like traditional folk song recitations, exhibition of traditional artefacts and posters on regional languages. The students also organized a skit showcasing the linguistic diversity of the undivided Dakshina Kannada region, its rich heritage in mother tongue and our institutions which promote the use of mother tongue.	21 Feb 2016
2	153rd Birth Anniversary of Swami Vivekananda, FOA, MIT	Birth day of Swami Vivekananda is celebrated every year as National Youth day to channelize energies of the youth in National reconstruction. To commemorate the 153rd Birth Anniversary of Swami Vivekananda, FOA, Manipal University, conducted a lecture program on 13 Jan 2016 at 3:30 pm in the Seminar Hall.	13 Jan 2016
3	Azadi 70 – Yaad Karo Kurban	To re-instill the spirit of freedom struggle and national movement among the younger generation FOA, Manipal University has celebrated the "Azadi 70 – Yaad Karo Kurban" program on Tuesday 23 Aug 2016 at Foyer of FOA.	23 Aug 2016
4	Rashtriya Ekta Diwas at FOA	FOA, Manipal celebrated 141st Birth Anniversary and paid heartfelt tribute to Sir Sardar Vallabhai Patel on the occasion of Rashtriya Ekta Diwas (National Unity Day) on 21 Oct 2016 at 6.30pm. The evening started off with a beautiful song, followed by the students dancing to classical as well as contemporary tunes.	21 Oct 2016
5	Swachh Bharat Pakhwada	The Swachh Bharat Abhiyan was launched by Prime Minister Narendra Modi on second of Oct 2014 at Rajghat, New Delhi, with an aim to make India clean. Aim is to provide sanitation facilities to every family, including toilets, solid and liquid waste disposal systems, village cleanliness, and safe and adequate drinking water supply by 2nd Oct 2019. Under the guidance of MHRD, "Swachh Pakhwada" part of Swachh Bharat Abhiyaan was observed at FOA, Manipal University, from 1 to 15 Sep 2016. Activities for students and lectures were organized during the fortnight to create awareness about the importance of sanitation and hygiene in our daily lives as well as in the process of nation building.	1-15 Sep 2016

Photo archive of important events:

FOA celebrated Matribhasha Diwas on 23 Feb 2016 at Hampi Hall, FOA



On the occasion of 153rd Birth Anniversary of Swami Vivekananda, FOA, Manipal University, conducted a lecture program on 13 Jan 2016 at 3.30 pm in the Seminar Hall.



Students of FOA participated in the Design Charrette Competition as a part of Transparence held from 10 to 13 Mar 2016, 2016 which was organized by Saint Gobain India.



Ms Sonali Walimbe C, Associate Professor and Ms Akshaya M R, Assistant Professor, FOA visited Hyderabad for educational trip as a part of an academic activity from 1 to 7 Feb 2016. They are accompanied by second, fourth and sixth semester students of BA (ID)/BDES (ID).



Mr Kabeer Arora, Assistant Professor, FOA, MIT, attended the workshop on “Building Maintenance and Preservation” by Department of Architecture, Birla Institute of Technology and Department of Tourism, Art, Culture, Sports and Youth Affairs, Government of Jharkhand which was held at Ranchi from 29 Feb to 4 Mar 2016.



Mr Tarun Grover, Assistant Professor, FOA visited Coimbatore for study trip as a part of an academic activity from 10 to 14 Mar 2016. He is accompanied by second year Fashion Design students



Manipal University Signs MoU with The Energy and Resources Institute (TERI)

Manipal University has signed MoU with The Energy and Resources Institute on 16 Mar 2016 at TERI, Bangalore. The Registrar Dr Narayan Sabhahit signed on behalf of Manipal University and Mr P R Das Gupta, Distinguished Fellow and Senior Director, TERI was the other Signatory. This MoU was also signed by The Director, Prof Nishant Manapure on behalf of FOA at TERI, Bangalore. Dr Satish Shenoy, Research Director (Tech), MU and Dr Nandineni Rama Devi, Associate Director (Research and Collaborations), FOA were also present on this occasion.



The workshop on Research Paper Writing for faculty members of FOA was scheduled on Wednesday 1 Jun 2016 at CAD Lab of FOA. The work was conducted by Mr Yogendra Nayak, Associate Professor, Dept of Pharmacology, Manipal College of Pharmaceutical Sciences, Manipal University.



Mr Anil Pai M, Assistant Professor, FOA has attended and presented the paper entitled “Accessing Energy Security of the BRICs Nations for Strategic Partnership” under the Oil, Gas and Mining Engineering category at the fourth International Conference on Science Management Engineering and Technology (ICSMET) 2016 to be held at the Hyatt Place Hotel, Al Rigga, Dubai UAE on 1 and 2 Jun 2016.



A workshop on "Health and Built Environment" by Mr William P Burdick, (MD, MEd), Vice President for Education and Co-director, FAIMER Institute has been arranged for faculty members of FOA on Thursday, 12 May 2016 at CAD lab of FOA.



INSIG – unveil the unexpressed, is an event planned by Fashion and Interior Design students of FOA to promote the Autism Awareness Week (2-8 Apr 2016), which received much appreciation from all ends. The event was featured across many news mediums and blogs. Visitors, Guests and Sponsors expressed that INSIG was one of the most well-organized and well-executed event.



Ms Surabhi Hebbar, Assistant Professor, FOA has attended a workshop on "Computational Design Thinking" at Rasipuram, Chennai (ICETS-2016). The workshop was held on 21 and 22 Mar 2016.



Dr Nandineni Rama Devi, Professor, FOA attended and presented the paper entitled "Sustainable Development of River Islands under Coastal Regulation Zones: Case of Timmana Kudru, Udipi District, Karnataka" at the

International Conference on Architecture and Civil Engineering (ICAACE-16) which was held at New Jersey, USA on 8 and 9 Jun 2016.



Dr Narayana Sabhahit, Registrar, Manipal University has addressed to FOA faculty members regarding the Vision and Future of Manipal University and also our roles and duties while contributing to the development of our Institute on Friday 22 Jul 2016 at Hampi Hall, FOA, MIT, Manipal.



The eminent Resource Person Mr Sukesh B C Gowda conducted Glass Etching Workshop from 30 Sep to 1 Oct 2016 for the students of FOA.



Manipal University Signs MoU with Selco Foundation. Manipal University has signed MoU with SELCO Foundation, Bangalore on 29 Sep 2016 at Registrar's Office, Manipal University, Manipal. The Registrar Dr Narayana Sabhahit signed on behalf of Manipal University and Ms Rachita Misra, Program Manager, Urban community Lab, SELCO Foundation, Bangalore was the other Signatory. This MoU was also signed by the Director, Prof Nishant Manpure on behalf of FOA at Registrar's Office. Also present on the occasion was Associate Director (Research and Collaborations), FOA.

SCHOOL OF INFORMATION SCIENCES

Lower Ground- 02, Academic Block - 5, MIT Campus, Manipal - 576104

Phone Number: +91 820 2571914, 2925031, 2925032

Email-Office: office.sois@manipal.edu, Director: csr.shesha@manipal.edu



Director in-charge: Prof Ramashesha C S

Established: 1998

Post Graduate programs offered:

(BE / BTech as Eligibility)

Master of Engineering (ME) in

- Medical Software
- VLSI Design
- Embedded Systems
- Embedded and Wireless Technology

- Computing Technologies and Virtualisation
- Embedded Systems and Instrumentation
- Big Data and Data Analytics

(BCA/BSc as Eligibility)

Master of Science (MSc) in

- Information Science

About institution/school:

School of Information Sciences (SOIS) formerly known as Manipal Centre for Information Science (MCIS) is an ISO 9001:2008 and ISO 14001:2004 certified institute. SOIS is an industry driven state-of-the-art training institute of excellence in the field of VLSI, Embedded Systems and Medical Software of Manipal University was set up in the year 1998. Since its inception, the Institute has been continuously striving for excellence in education, training and research with a mission of offering value-based

education. SOIS has been conducting ME courses in the highly specialised areas like VLSI Design, Embedded Systems and Medical Software. The institute is working in close association with industry giants like Synopsys Inc, GE Medical Systems, NXP Semiconductors, WhizChip, and a Consortium of other VLSI and Embedded Design Houses for its post-graduation courses. At SOIS, we create a vibrant organization where the creativity and discipline strike balance.

Institutional activities/curricular activities:

New initiatives:

Sl no	Activity	Particulars
1	Study Abroad Program	As per the regulations of Efrei, Engineering School of Information and Digital Technologies, France, students have to study four modules in any one of their foreign partner universities for 10 weeks. This program is called Study Abroad Program (SAP). Manipal and Efrei, France, have a Memorandum of Understanding (MoU), which is effective from 18 Nov 2014. This MoU has been extended for 2017- 2018 where in students have to study six modules in any one of their foreign partner universities for 16 weeks. Two batches of students from Efrei, France will be coming to SOIS twice every year (one in spring and the other in fall). So far, 76 students have completed their coursework from spring 2015 (Mar 2015). There is a scope to have a collaborative master's program with Efrei, France in near future.

All other activities in the department relating to the program/course:

Sl no	Activity	Particulars
1	Embedded System	Two-day workshop on "Raspberry Pi" on 11 and 12 Mar 2016
		Conducted two-day workshop on "ARM – LPC21 48" Embedded Systems Application Development during 23 and 24 Sep 2016
		Formation of Technical Club - Wireless Sensor Networks Special Interest Group, Coordinated by Arockiaraj S, SOIS, Manipal
2	Medical Software	Conducted "HL7" workshop on 7 and 8 Oct 2016
3	Big Data	Conducted three-day Faculty development program on "Virtualization for Big Data Systems" during 15–18 Dec 2016
		Organized an introductory session on Big Data to the students of ME (Big Data and Data Analytics) by Mr Vijayananda, Philips, Bengaluru, 3–4 Aug 2016
		A technical expert team has been formed with Mr Vijayananda, Senior Director, Analytics, HSDP/HISS, Philips Healthcare, Bengaluru, Prof Ananthnarayana, Department of Information Technology, NIT-K, Surathkal, Prof Vikram Pudi, IIIT-Hyderabad, Hyderabad for Big Data Science activity.

Details of guest visit:

Guest lectures:

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
1	Dr Amir Khan	Dy Director, Gates Foundation	Gates Foundation	Activities of Gates Foundation in India	13 Feb 2016
2	Dr Arun Shanbhag	Chief Innovation Officer, MUTBI, Manipal University, Manipal	Manipal University	Talk on "Aligning Research and Innovation"	2 Aug 2016
3	Dr Peter Aiken	Common Wealth University	Common wealth University	Guest Lecture on "Data Management"	16 Aug 2016
4	Mr Sayandeep Nag	Qualcomm		Delivered a talk on "Low Power Techniques"	27 Aug 2016
5	Dr Yogendra Nayak	Associate Professor, MCOPS	Manipal University, Manipal	Research Training Program	19 Sep 2016
6	Ms Dayakshini	Manipal University	MIT, Manipal	Hands-on workshop on "LATEX"	27 Aug 2016
7	Mr Jane Djumerkoski	Ss Cyril and Methodius University, Skopje, Macedonia.	Ss Cyril and Methodius University, Skopje, Macedonia.	Technical talk on "Bootstrap"	21 Sep 2016

Details of publications:

National		International	
Indexed	Non-Indexed	Indexed	Non-Indexed
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Conferences attended by institution faculty and students:

	National	International
Faculty	2	1

Details of Conferences/Workshops conducted by the Institution:

Particulars	National	International
Conferences	1	--
Workshops	5	--
Technical talk	10	--

Details of research grants:

Sl no	Project Name	Principal Investigator	Funding Agencies	Total Grants
1	Easy Cervico Optimiser – A novel device for cervical cancer screening in rural settings	Dr Keerthana I, Associate Professor, SOIS	Massachusetts General Hospital, USA (CAMTech Project)	27,48,101.50

Faculty members:

Sl no	Name	Details	Date
1	Dr Keerthana I	Award of honour presented as “Distinguished Speaker” at Advanced Diagnostics 2016 by Managing Director, Select Biosciences India Private Limited, Bangalore	26-27 May 2016

Extra-curricular activities:

Sports activities:

Sl no	Event	Participant	Details	Date
1	MU inter-collegiate Volleyball Tournament (Women)	Spoorthi Pakkala	Runner-up	22 Oct 2016
		Sneha S Hegde		
		Shreeraksha Shetty		
		Maithri Dinesh		
		Mythri R		
		Akshata G Kulkarni		
		Melanie Harriet Lobo		
Jane Maria Mendonca				

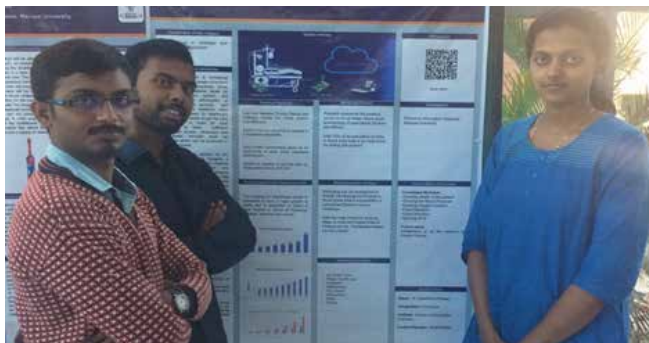
Photo archive of important events:



Annual Sports Meet



Annual sports meet



Student participation on Innovation Day



Workshop on “HL7”

SCHOOL OF MANAGEMENT

Near 10th Block, Near MIT Campus Manipal

Phone Number: 0820-2925311

Email-Office: office.mim@manipal.edu, Director: ravi.nayak@manipal.edu



Name of Director: Dr Raveendranath Nayak

Established: 1999

Programs:

- MBA
- MBA Healthcare Management
- MBA Global Business

About institution/school

The School of Management (SOM), under the aegis of Manipal University, aims to enhance the professional and personal skills of Management students through interactive and participative learning process, professional exposure and the supply of updated inputs on industry and environment. The faculty members and staff of SOM are dedicated to providing quality management education to students and also to create conducive environment for their learning and overall personality development. Since inception, the Institute endeavours to equip industry ready students through awareness creation, skill development and dissemination of updated knowledge. Industry interactions enable students to build up their personality and to be ready to take up the challenging tasks of corporate world in global environment. Students of SOM

are given an opportunity to take up socially responsible activities and community based educative programs. The Social Service Forum of the Institute aims to take up socially relevant and environmental friendly activities. The school also encourages students in cultural, sports and extra-curricular activities. The Alumni Centre of the Institute keeps very good rapport with the Alumni of the Institute and obtain necessary support to nurture experiential learning of students and also, to obtain input to update the curriculum of the MBA program. Quality infrastructure, updated technological base counselling support from faculty members and student friendly environment provide excellent opportunity to students to hone up their quality, skills and personality for their bright future.

Institutional activities/curricular activities:

New initiatives:

Sl no	Activity	Particulars
1	Centre for Regional Development (CRD)	Coordinator: Dr KVM Varambally The CRD aims at maintaining working relationship with local communities, Non-Governmental organizations and local government to carryout activities and Programs which have social relevance and also being beneficial impact to society. It also aims to sensitise management students in socially relevant issues and enable them to take part in such activities.
2	Centre for Advanced Research in Financial Inclusion	Coordinator: Dr Savitha Basri The Centre for advanced research in financial inclusion was initiated with an aim to develop and disseminate knowledge by advanced research, extension activities and awareness campaigns through a mutually beneficial approach for promotion of financial inclusion. Dr Savitha Basri coordinated the activities of the Centre. The Centre aims to develop new knowledge and insights within the field of inclusive growth related to financial inclusion, and the challenges for inclusive finance (credit, insurance, savings and pension products); to generate awareness towards financial products and impart financial literacy among the youth, marginalised section of the society and rural as well as semi urban population in the Coastal region; to work towards strengthening of microfinance institutions, business facilitators and business correspondents that can give easy access to banking services especially for rural population.
3	Centre for Marketing Advances	Coordinator: Dr Smitha Nayak The SOM has launched the Centre for Marketing Advances in Oct 2016, under the leadership of Dr Smitha Nayak, Associate Professor of the School. The Centre for Marketing Advances is a Centre of distinction in the sphere of knowledge development and knowledge dissemination, within the domain of marketing. It serves as an interface between industry and academia. The Centre functions around providing experiential learning opportunities to students, offering consultancy services to corporates, organising continuous education programs and engaging in industry centric research. We have already initiated activities in the above focal areas and are very optimistic about the outcomes.
4	Centre for Social Entrepreneurship	Coordinator: Dr H G Joshi The SOM has launched the Centre for Social Entrepreneurship in Apr 2016, under the leadership of Dr H G Joshi, Professor of the School. In line with leading universities of the world, Manipal University proposes to start a Centre for Social Entrepreneurship to provide academic programs and to develop action based research in the field of Social Science. The sole objective of the centre is to be highest order of excellence in social entrepreneurship. This research centre proposes to promote collaboration and coordination among MU institutions and to create culture of interdisciplinary research in Manipal University.

All other activities in the department relating to the program/course:

Sl no	Activity	Particulars
1	Workshop for faculty members	Workshop for faculty members by Dr Asha Kamath, Associate Professor, Department of Community Medicine, KMC Manipal, Manipal University was the Resource person on 2 Jan 2016.
2	Swami Vivekananda's 153rd Birth Anniversary Celebration	The National youth day was celebrated on this occasion at SOM on 12 Jan 2015. On this occasion Dr Raveendranath Nayak, Director of SOM unveiled "The Biography of Swami Vivekananda" written by Swami Somanathananda. The Faculty members took turn to recite the quotes and excerpts from the book and the compilation of some beautiful quotes were displayed in picture frame for the inspiration of young minds.
3	Staff Volleyball	Mr M Chandrashekhhar Hegde, Physical Education Director of SMS College, Brahmavar was the Chief Guest for the Inaugural Function and Dr Raveendranath Nayak, Director of SOM presided over the function on 31 Jan 2016
4	Workshop	"3D Dream, Desire and Destiny" by Dr Deeksha Pandey, Gynaecologist, Kasturba Hospital Manipal

Sl no	Activity	Particulars
5	Swach Bharath	On 9 Feb 2016 the Students and staff of SOM, Manipal University on 9 Feb 2016, took the swachhta pledge to devote their time and to clean India. They pledged to neither litter nor let others litter, to devote two hours per week to voluntary cleanliness work, and to encourage more volunteers to join the cause. Dr Raveendranath Nayak, Professor and Director of SOM administered the pledge. Speaking at the occasion, he emphasised the need of cleanliness in our homes, the campus and the public places. The program was organized as part of the "Clean and Sanitised India" a National Student Engagement Campaign which was launched by the University Grants Commission (UGC), New Delhi. Later the Director of SOM along with the student volunteers swept the portico of the SOM building.
6	Workshop	A workshop on Systematic Reviews was organized for the faculty members and research students of SOM on 9 Feb 2016. Mr Vishnu Ranjith, Junior Research Fellow, MCON, Manipal University conducted the session. He spoke on Technique for optimum literature survey, Filtering the literature and Review framework. The workshop also gave hands on exposure to REVMAN software (a software tool used for meta-analysis).
7	Faculty Development Program	On Effective Teaching and Learning Through Moodle was conducted for the faculty members and staff of SOM Manipal University by Dr Pallavi Upadhyaya, Faculty member of SOM.
8	Best Manager In Healthcare Competition	The Healthcare Management Club of SOM organized "Best Manager in Healthcare" competition on 15 Nov 2016. Mr Sanjith Yadav had won the title and Dr Andria finished runner up. The aim of this competition to identify the student with the traits of good manager and how he/she demonstrates the skills, knowledge, talents of good manager. Over 18 students had taken the part in the competition.
9	"HORIZONE" HR Conclave	Inaugurated by Mr Bharathan Prahalad and Dr Narayana Sabhahit on 3 Dec 2016. The Human Resource Management Club (Horizon) conducted its inaugural function named "Conclave." The chief-guests of the activity were Mr Bharathan Prahalad, Global Head-HR, People First and Dr Narayana Sabhahit, Registrar of Manipal University. Mr Laksminarayan disclosed about the events of conclave for the academic year 2015-16 and for the academic year as well. Mr Prahalad spoke on the topic "Agile HR." He also spoke about the lifestyle changes in different age groups and linked it to organization growth to name a few.
10	"SEHAT" The Healthcare Conclave	Inaugurated by Col Dayanand COO, Kasturba Hospital, Manipal and Soumil Mody on 10 Dec 2016. The healthcare management conclave – SEHAT 2016 (surging enthusiasm in healthcare administration and technology) was a successful event. The inaugural event had Mr Saumil Modi, VP of Eisai pharmaceuticals India Ltd as the chief guest along with Dr Col Dayananda, Medical Superintendent of Kasturba Hospital, Manipal and presiding over the inaugural function.
11	"ARTHA" The Finance Conclave	Inaugurated by C A Vinayak Pai, C A Ghansyam, C A Varadaraya Pai, Director Finance, MU, Manipal and Dr Raveendranath Nayak, Director of SOM on 14 Dec 2016. Finance conclave of SOM brought together industry practitioners and academicians. The objective of this conclave was to make the students of Business administration aware of the contemporary issues of the world of finance.
12	"SCOPE" The Operation Conclave	Inaugurated by Mr Shubhash HS on 17 Dec 2016. Operations Management Conclave at SOM. "Balancing of assembly line is the key function of an Operations Manager in any business concern," said Mr Subhash HS, the Operations Manager of Amazon (India) Ltd. Mr Subhash urged the MBA students of SOM to concentrate on the basic concepts of operations management as it is these basics that are actually used in most of business operations.
13	FLAME 2016	Mr Dhruv Shenoy, CEO and Co-Founder of Knowience Insights inaugurated FLAME - Forum for Learning and Acquiring Marketing Expertise, the annual event of the marketing club of SOM. Delivering his inaugural address, Mr Dhruv Shenoy deliberated on the paradigm shift that the world of marketing is experiencing.

Details of guest visit:

Guest lectures:

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
1	Dr Dean L Bresciani	North Dakota State University		Visitor	21 Feb 2016
2	Dr Tanmai Goswami		Gosval Purnarnava Ayurveda	Guest Lecture	20 Jan 2016
3	Mr Amlan Bora	Avans University of Applied Science		Guest Lecture	1 Feb 2016
4	Mr Goutham Pai		The Manipal Group	Guest Lecture	26 Feb 2016
5	PD Shenoy		KSRTC	Guest Lecture	30 Jun 2016
6	Dr B Madhavan		Freelance Management Consultant and Trainee	Guest Lecture	13 Jul 2016
7	Mr Shivaprasad		Manipal Digital Systems	Guest Lecture	15 Jul 2016
8	Dr Umesh Prabhu		Wrightington, Wigan and Leigh Foundation Trust, UK	Guest Lecture	16 Aug 2016
9	Dr Melappalayam Srinivasan Vijayaraghavan		Intl, "We Serve" Foundation Inc, Lexington, KY	Guest Lecture	10 Nov 2016
10	Mr Suresh		MCF, Mangalore	Guest Lecture	26 Nov 2016

Details of publications:

National		International	
Indexed	Non - Indexed	Indexed	Non – Indexed
13	5	2	--

Conferences attended by institution faculty and students:

	National	International
Faculty members	2	14
Students	4	2

Details of conferences/workshops conducted by the Institution:

Particulars	National	International
Workshops	1	--
EDP	2	--
FDP	1	--
SAP	1	--

Books/chapters authored by faculty members:

Sl no	Name of the Book	Chapter/s name	Faculty members	Publisher
1	Management Education for Global Leadership	Paradigm Shift in Management Education: Need for a Cross Functional perspective	Smitha Nayak and Prof Nandan Prabhu	Hershey, PA: IGI Global, USA

Awards/recognitions:

Faculty members:

Sl no	Name	Details	Date
1	Dr Raveendranath Nayak	Uthkrausht Pradhyapak Award	15 Sep 2016
2	Dr VK Ranjith	Best Paper Award at second international Conference on Healthcare and Technical Research, Manipal	7–8 Dec 2016
3	Prof Nandan Prabhu	Best Paper Award for his paper titled "Path findings and Conceptual Modelling: An analysis of research approaches to work place Spirituality" at International Conference on Contemporary issues in commerce, Management and social science held at Manipal International University, Malaysia	22–23 May 2016

Sl no	Name	Details	Date
4	Dr Rajashekharan Pillai	Best Paper Award for the paper "Social Media induced disorders (SMID) A priori confession" at the Manipal Research Colloquium Coveted Award in the 2016 Global Summit on Management Cases organized by the Indian Institute of Management, Raipur	6 Apr 2016

Students:

Sl no	Name	Details	Date
1	Dr Roopa Modem	Gold Medal Winner	29 Nov 2016
2	Ms Shobana Sivaram	Coveted Award in the 2016 Global Summit on Management Cases organized by the Indian Institute of Management, Raipur	5-6 Feb 2016
3	Ms Prathibha Patel M	Best Paper Award at second international Conference on Healthcare and Technical Research, Manipal	7-8 Dec 2016
4	Dr Roopa Modem and Mr Abhishek T	Best Paper Award for the paper "Social Media induced disorders (SMID) A priori confession" at the Manipal Research colloquium	6 Apr 2016

Photo archive of important events:



Staff Volleyball
31 Jan 2016
Mr M Chandrashekhar Hegde, Physical Education Director SMS College, Brahmavar was the Chief Guest for the Inaugural Function and Dr Raveendranath Nayak, Director, SOM presided over the function.



Induction Program
4 Jul 2016
H Shantaram, Administrative Officer, The Academy of General Education, Manipal. As the Chief Guest in the inauguration of the Orientation and Induction Day of the SOM.
The Guest of Honour of the function Mr Allen CA Pereira, Former Chairman and Managing Director, Bank of Maharashtra



FLAME Marketing Conclave
14 Oct 2016
Mr Dhruv Shenoy, CEO and Co-Founder of Knowience Insights inaugurated FLAME and Dr Vinod Bhat, the Vice Chancellor of Manipal University presided over the inaugural function. Dr Raveendranath Nayak, the Director of SOM delivered the welcome address.



Centre for Advanced Research in Financial Inclusion
25 Oct 2016
Inaugurated by Ms Kamakshi Pai Mr Francis Borgia A Mr Varadaraya Pai



Sports Day By Mr Vikas Puthran, 24 Nov 2016



College Day Inaugurated by Dr Vinod V Thomas 29 Nov 2016



"HORIZONE" HR Conclave

03 Dec 2016

Inaugurated by Mr Bharathan Prahalad and Dr Narayana Sabhahit



"SEHAT" The Healthcare Conclave

10 Dec 2016

Inaugurated by Col Dayanand COO, Kasturba Hospital, Manipal and Soumil Mody



"ARTHA" The Finance Conclave

14 Dec 2016

Inaugurated by CA Vinayak Pai, CA Ghansyam, CA Varadaraya Pai, Director Finance, MU, Manipal and Dr Raveendranath Nayak, Director, SOM



"SCOPE" The Operation Conclave

17 Dec 2016

Inaugurated by Mr Shubhash HS

DEPARTMENT OF COMMERCE

School of Management, Near 9th Block, MIT Campus, Manipal – 576 104

Phone Number: 0820 2925342

Email-Office: doc.office@manipal.edu, HoD: sandeep.shenoy@manipal.edu



Name of the HoD: Dr Sandeep S Shenoy

Established: 2007

Programs:

Undergraduate:

Bachelor of Business Administration (BBA) specialization in:

- e-Banking and Finance
- Financial Markets
- Professional
- Logistics and Supply Chain
- Human Resources
- Marketing
- Insurance and Risk Management
- Family Business Management
- Hospitality and Tourism

About the department:

Department of Commerce (DOC) was established in the year 2007 with the launch of undergraduate program in business specializing in e-Banking and Finance. The department subsequently introduced additional specializations namely Financial Markets, Management Accounting (Professional), Logistics and Supply Chain, Marketing, Human Resources, Insurance and Risk Management, Family Business Management and Hospitality and Tourism. Department also started Masters of Commerce (MCom) program specializing in Logistics and Supply Chain, Professional and Banking Technology. Bachelor of Commerce (BCom) program with Professional and Business Process Services specializations and one year Post Graduate Diploma (PGD) in Logistics and Supply Chain are also offered at department.

Bachelor of Commerce (B Com) specialization in:

- Professional
- Business Professional Services

Post Graduate:

Master of Commerce (MCom):

- Logistics and Supply Chain
- Professional
- Banking Technology

Post Graduate Diploma in Logistics and Supply Chain

The vision of the department is to develop into a world class centre of excellence in education, training and research by 2020. We strive to prepare students not only for examination but also for life, without compromising on their areas of specialization and competence.

The DOC has recorded consistent improvement in its academic, research and placement performance. It offers a range of innovatively designed programs whose curricula are constantly updated to meet the changing requirement of the industry and also to meet the needs of major stakeholders.

We are encouraged to see many industries coming to our department to recruit our students, which reinforces our belief in the effectiveness of our curriculum and its suitability to the dynamic corporate world.

Institutional activities/curricular activities:**New initiatives:**

Sl no	Activity	Particulars
1	MCom - Professional	The course is structured to provide competency in accounting, financial reporting, international finance, financial strategies and risk management.
2	MCom - Banking Technology	The course provides insight into management policies and practices of commercial banks in a competitive environment, various operations of the bank, law and practice relating to banking, banking products and credit management in banks. It also covers various types of operational and banking risks and risk management policies in the banking sector.
3	Centre for Business Analytics	The centre was established to help business organizations analyze data for business intelligence and insights through consulting but also help them develop exercise in data analytics for training their human resources. The Centre for Business Analytics would proactively endeavour to stimulate the environment for analytics through training programs for research scholars and students within and outside the Manipal University.
4	Centre for Supply Chain Education and Research	To develop and deliver focused education programs across specific areas of SCM. To bridge the gap between academia and research. To encourage research.
5	Centre for Managing Family Business	To support family owned firms through educational opportunities and consulting services for business leaders and successors.
6	Centre for Advanced Learning in Finance and Accounting	To conduct certificate programs in areas of Finance, Accounting, Insurance and Risk Management in collaboration with reputed universities. Experiential learning and training for students with reputed institutes and faculty. To integrate teaching training and research.`

All other activities in the department relating to the program/course:

Sl no	Activity	Particulars
1	Conscendo 5.0 – 22-23 Jan 2016	DOC organized two days international management fest CONSCENDO on 22-23 Jan 2016. Premier colleges across India and abroad participated in this two-day management fest.
2	Workshop on International Financial Reporting Standards (IFRS) – 3rd Mar 2016	As a pre-requirement for Internship at Ernst & Young, Kochi, the IFRS workshop was arranged for the final year BBM students.
3	Workshop on Trading in Stock Markets - A Live Demonstration – 21-22 Mar 2016	Karvy Stock Broking Ltd, Hyderabad, arranged a live demonstration on stock markets for the BBM Financial Markets students.
4	Workshop on Youth Empowerment through soft skills training – 28 Mar 2016	Konkan Railway sponsored a program on soft skills for the development of local youth under its CSR Program.
5	AGRI ZONE - Namma Thota – 11 Apr 2016	Marketing Intervention activity was setup for the farmers of Udupi District under the NABARD Project.
6	Workshop on Fundamentals of MS Excel Level II - 14 Apr 2016	Mr Ravi Kumar, from Work Logics, Hyderabad conducted workshop on Analysis using MS Excel for the student of our department.
7	Annual Day and Awards Ceremony – 28 Apr 2016	On this day, awards and prizes were distributed to students excelling in academics, cultural, co-curricular, sports within and outside the institute.
8	Induction Ceremony – 15 Jul 2016	The DOC welcomed its 2016 batch of UG and PG students and oriented them about the courses and expectations.
9	International Conference at Manipal International University, Malaysia – 22-23 Jul 2016	DOC in collaboration with Manipal International University, Malaysia, organized two-day International Conference on “Contemporary Issues on Commerce, Management and Social Sciences” On 22 and 23 Jul 2016 at Manipal International University, Malaysia.
10	Workshop on Research and Publications – Aug to Sep 2016	Experts from Research domain shared their knowledge during Research and Publication workshop for the interested students of DOC
11	Workshop on Discover the leader in you – 15 Sep 2016	Dr Pradeep Salgoankar, adjunct faculty, of the department delivered a session on leadership for MCom students.

Sl no	Activity	Particulars
12	How to prepare Research proposal for Grants and submit to Funding Agencies – 17 Sep 2016	The session was of two hours duration between 10:00 am – 12:00 pm. Dr Karthikeyan gave a detailed insight into the aspects to be considered while preparing research proposals. He also gave inputs on the funding agencies, expectations of funding agencies in project proposals, etc. He also shared his experiences of preparing research proposals, getting grants from funding agencies and related activities.
13	Workshop on Personality Traits for Industry Readiness – 3 Oct 2016	Mr Praveen Kamath Kumble, Global Head HR, Wipro conducted a workshop for final year BBM students on Industry readiness.
14	Workshop on Strategies for Organizational Effectiveness – 11 Oct 2016	Half day workshop was organized for post graduate students of DOC. The objective of the seminar was to spread awareness among students about strategies for organizational effectiveness. Around 150 MCom students participated in the program. Workshop was focused on three core areas like online marketing strategies for new ventures, work-life balance for youth and consumer rights.
15	National Level Seminar on Supply Chain Management: Process, Partnership, Performance – 3 Nov 2016	This program focused on key areas and their relationships in the strategic role of the supply chain, also on the strategic framework like facilities, inventory, transportation and information as the key driver of supply chain performance. The Program has diverse speakers from e-commerce, manufacturing, logistics, exports and imports and education institutions sharing insights to various audiences like students, academicians, industrialists, and research scholars.
16	International Conference of Health Economics and Outcomes Research – 14 Dec 2016	The Conference is the outcome of the joint efforts of the three departments namely Department of Public Health, DoC and Department of Pharmacy Management (MCOPS).

Details of guest visit (lectures, collaboration, visitors on campus):

Guest lectures:

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
1	Dr Pradeep Salgoankar		Founder Saldots Training Academy, Bardez, Goa	Value Creation in Supply Chain and Logistics Operations	13 Feb 2016
2	Srinivas A G, Sr Manager, HR		Manipal Group (Manipal Technologies Ltd)	HR - The Domain Beyond the Usual	16 Feb 2016
3	CA Jayalakshmi Kamath		Practicing Chartered Accountant	Indian and International Accounting Standards	26 Feb 2016
4	Mr Akhilesh Raj		Proprietor, Awara Hoon	Art of organizing bike tours	27 Feb 2016
5	CA Sridhar Kamath		Practicing Chartered Accountant	Reporting Standards of Consultancy firms for off-shore clients	3 Mar 2016
6	Mr Praveen Suvarna, Country Head and Executive Vice President		Yes Bank Ltd	Risk Management in Banking and Finance	23 Mar 2016
7	Mr Rajesh Jayakar Pai, Assistant Professor	Manipal University, Dubai Campus	School of Business	New Era on Derivatives post 2007 crisis	7 Apr 2016
8	Prof Jayadev Prasad Moleyar	VTU, Belagavi	HoD, MBA, MITE, Mangalore	Save money crisis, Save tax	16 Apr 2016
9	CA Anandateertha		Practicing Chartered Accountant	How to crack Professional Courses	1 Aug 2016

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
10	Jauhari Shivam, Relationship Manager		Bankers Quotient Digital Learning, Lower Parel	Orientation and Selection on Campus Ambassador Program for Online Banking Examination	12 Aug 2016
11	Dr P Karthikeyan	Tamil Nadu	School of Management Studies, Kongu Engineering College, Erode	Financial Statement Analysis	19 Sep 2016
12	Prof Laxminarayan Karanth, HoD, Dept of Economics	Mangalore University	MGM College, Udupi	Fiscal Policy in India	19 Oct 2016

Visitors for collaboration

Sl no	Visitor	Name of the University	Purpose of visit	Date of visit
1	Visit of Prof Alfred Cahuzak, Dr Pien Versteegh and Mr Amlan Bora	Internationalization Coordinator (Asia), Avans School of International Studies (ASIS), The Netherlands	Collaboration	1 Feb 2016
2	Dr Nancy Johnson, College of Business and Economics	University of Kentucky, Lexington, Kentucky, USA	Collaboration	7 Feb 2016
3	Associate Prof Kerrie Bridson, Course Director, Bachelor of Commerce, Faculty members of Business and Law Ms. Tori Ellenberger, International Consultant, BL Marketing and Development, Faculty of Business Associate Prof V G Sridharan, Deakin Business School, Faculty of Business and Law Dr Alvin LEE, Lecturer in Marketing, Deakin Business School, Faculty of Business and Law Mr David Das, Associate Director, South Asia	Deakin University, Australia	Collaboration	26 Sep 2016
4	Dr M S Vijayaraghavan	University of Kentucky, USA	Collaboration	10 Nov 2016

Collaboration:

Name of the university	Particular of collaboration
HMKW University for Media, Communication and Business, Germany	Academic collaboration
SRH University of Applied Sciences for Logistics and Management, Germany	
University of Hertfordshire Higher Education Corporation, UK	
Gatton College of Business and Economics, University of Kentucky	
Osnabruck University	
IPAG Business School, Paris	
Deakin University, Australia	
University of Waikato, Hamilton, New Zealand	
Hogeschool Utrecht, Netherlands	

Details of publications:

National		International	
Indexed	Non-Indexed	Indexed	Non-Indexed
1	4	6	--

Conferences attended by institution faculty members and students:

	National	International
Faculty members	7	14
Students	8	38

Details of conferences/workshops conducted by the institution:

Particulars	National	International
Conferences	--	2
Workshops	10	--
Seminars	1	--
Others	6	--

Details of research grants:

Sl no	Project name	Principal investigator	Funding agencies	Total grants received (in Rs)
1	Tata Affirmative Plan	1) Dr Sandeep Shenoy 2) Mr Vikram Baliga	Tata Consultancy Services	35,000
	Soft Skills Training for Employability		Konkan Railway Corporation	75,000
	Konkan Railway Skill Development Program		Konkan Railway Skill Development Program	47,000
2	Travel Grant	1) Dr Sandeep Shenoy 2) Mr Guruprasad Rao	The Kalam Fund, University of Kentucky	6.70 lacs

Awards/recognitions:

Institution:

Sl no	Name	Details	Date
1	Mr Abhishek Rao	Best Teacher Award	28 Apr 2016

Faculty members:

Sl no	Name	Details	Date
1	Mr Santosh Nayak	Best paper award for the research paper "An Evaluative study on Customer Service in Health Insurance – Indian Perspective" at the Annual International Conference organized by Innovative Research Publication, USA held at Pattaya, Thailand	23-24 Jan 2016
2	Dr Raghavendra	Best paper award for the Research Paper "Impact of Financial Derivatives on the Spot Market Volatility: An Analysis of Indian Capital Market" at the Annual International Conference organized by Innovative Research Publication, USA held at Pattaya, Thailand	23-24 Jan 2016
3	Mr Guruprasad Rao	The Distinguished Teacher Award 2016 by MTC (Management Teacher Consortium) Global Award for Excellence at the Award Ceremony conducted by International School of Management Excellence, Bangalore	16-17 Sep 2016
4	Vikram Baliga	Consolation prize Best paper in the review paper category - International Conference on Health Economics and Outcomes Research(ICHEOR-2016)	14 Dec 2016

Students:

Sl no	Name	Details	Date
1	Rhea Biju	Consolation prize Best paper in the review paper category- International Conference on Health Economics and Outcomes Research(ICHEOR-2016)	14 Dec 2016

Extra-curricular activities:

Cultural activities:

Outside university

Sl no	Event	Details	Date
1	National Level Management Fest (AAVISHKAR 2016), at Hubli	General Champions	4-5 Apr 2016
2	Genesis Management Fest 2016, SDM College, Mangalore	Overall Winners	22 Aug 2016
3	Presidency College (ENORM-2016) Bengaluru	General Champions	22-24 Aug 2016
4	People Tree College, (Sarthaan 16) Belgaum	Overall Winners	23-24 Sep 2016

SCHOOL OF COMMUNICATION

Near Udayavani Building, Press Corner, Manipal 576104
 Phone Number: +91 820 2571904, 2571901
 Office email: office.mic@manipal.edu, Director: nandini.lk@manipal.edu



Name of Director: Dr Nandini Lakshmikantha
 Established: 1997

Programs:

- BA (Media and Communication)
- BSc (Animation)
- MA (Media and Communication)
- PG Diploma (Corporate Communication)
- MA (Film Art and Film Making) Dual Degree program with EICAR, France
- PG Diploma (Film Art)
- PhD

About school:

The School of Communication (SOC, formerly known as Manipal Institute of Communication) was established as a premier media institute in the country in 1997 spread over 30,600 sq ft. It has 12 class rooms, an auditorium, a spacious air-conditioned library, a full-fledged television studio with digital lighting controls, a professional sound laboratory, two computer laboratories, a multi-media

laboratory and a common room for the students. The vision of SOC is rooted in social philosophy and it tries to embody the spirit of democratic egalitarianism in education. SOC was ranked No 1 in the factual ranking and No 4 in the overall ranking among the communications colleges in India according to the India Today Survey 2013. In the Outlook Survey of 2016 it ranked No 6 in India.

Institutional activities/curricular activities :

New initiatives:

Sl no	Activity	Particulars
1	Media Research Centre	Media Research Centre, one of its kinds within the University system of India was inaugurated on 12 Oct 2016 at the SOC Manipal University, Manipal. In the presence of Dr H Vinod Bhat, Vice-Chancellor, Manipal University and Dr Binod C Agrawal, a renowned communication researcher of the SITE programme. It has a vision to establish itself as a centre for excellence for research in communication and media. It carries a mission to examine the trends of the media and entertainment industry; to understand the various communication processes/strategies and to promote collaborations and inter-disciplinary research in areas like medicine, agriculture and other basic sciences.
2	Addition to existing student exchange program (International Collaborations)	Initiated student exchange with Aarhus University Denmark and Sciencescom France.
3	Field Visit	DreamWorks Animation Studio Visit on 23 Mar 2016

All other activities in the department relating to the program/course:

Sl no	Activity	Particulars
1	Namma Angadi, 2016	The annual exhibition cum sale of handmade products from Namma Bhoomi was held from 11–13 Mar 2016. Ms Lena Ashok, Coordinator of MSW program, Manipal University inaugurated the exhibition. This student led event saw sales worth over Rs 18,00,000 lac.
2	Blood Drive - 2016	A flagship social cause event managed by the II MA students (Event Management) was the annual Blood Drive. SOC collaborated with Department of Immunohematology, KMC for the event. Manipal College of Dental Sciences (MCO DS) also offered free dental check and London Optic, Manipal, offered free eye check up to the participants. A total of 171 pints of blood was collected.
3	Article-19, 2016: SOC's Media Fest	With new challenges and new fervour, SOC hosted Article 19, the core communication fest from 18–20 Feb 2016. The commencement of the fest was marked by the inauguration by the Manipal University Registrar, Dr Narayana Sabhahit. Also present on the occasion were, the Director of SOC, Nandini Lakshmikantha as well as the Article 19 faculty coordinator Ms Shruthi Shetty. In addition to this, there was a story telling workshop by Terribly Tiny Tales and a creative thinking workshop by Graffiti Collaborative. The pinnacle of the fest was the panel discussion involving eminent speakers, on a very current, yet sensitive topic that presses the Indian Society, "AFSPA." The panellist were Dr Patricia Mukhim, Rao V B J Chehlkani, Dr Ronald Anil Fernandes and Dr Monish Tourangbam.
4	SOC celebrates Alumni Meet-2016	SOC hosted its annual alumni meet on the 19 Nov 2016. The event marked a beginning to the twentieth year celebration of the college to be held in 2017. The program brought together around 90 fresh graduates from the 2016 batch, in addition to alumni from older batches, for a day filled with nostalgia and reminiscence. The chief guest for the event was Ms Snehapriya Nayak, an illustrious alumnus, who did her masters at SOC and is currently the assistant Vice President at Axis Bank, Bangalore. Dr Nandini Lakshmikantha, Director SOC, addressed the gathering to give her best wishes to the graduating batch of 2016. The program ended with giving away of souvenirs to all alumni and lunch. Ms Shruti V Shetty, Alumni Coordinator of SOC, coordinated the event. This year various chapters of alumni meet were organized in Bangalore, Mumbai and Pune to strengthen the alumni network of SOC.
5	SOC Sports activities	The inter batch tournaments were held from 2–22 Mar 2016. Dr Alex Chandy inaugurated the sports event. Good number of people participated in the event. BAJC III year won the overall championship. BAJC first year grabbed the second position. We conducted Inter Manipal University Swimming competition 2015-16 on 6–7 Feb 2016. Dr Ullas Kamath, Dean MMMC, Manipal inaugurated the event. In the Manipal University athletic meet for staff, SOC got the runner up in above 40-category championship.
6	Manipal Film Festival	SOC's Faculty member Vinyasa Hegde took charge of the centre for this year. Screenings were kept open-for-all. A total of eight screenings were held during the year 2016. Discussions post-screening were made informative and interactive by the presence of intellectuals who analysed films on thematic and aesthetic values. The films shown by MFSC included "Mirch Masala", "Spring, Summer, Winter, Autumn . . . and Spring", "Kurmavataara", "Supermen of Malegaon", "Jimmmy's Hall", "Sairat", "Peepli Live" and "Home."
7	Cultural Programs	In the month of January, auditions for Utsav were conducted; followed by Matrubhasha Diwas in February. Later all the staff and students participated in Utsav 2016 and students won different prizes in as many as nine events. Various other events held were Oxygen, Ethnic day, Onam Celebrations and Dandiya Night.

Details of guest visit:

Guest lectures:

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
1	Mr Nitin A Gokhale	NA	Bharath Shakti	Guest Lecture	19 Feb 2016
2	Mr Prahalad Kakar	NA	Advertising Guru	Guest Lecture	19 Feb 2016
3	Mr Nagesh Hegde		Leading Kannada Journalist	Guest lecture	4-5 Mar 2016
4	Dr Binod C Agrawal	Former VC - Himigiri University	Former DG - Taleem Research Foundation Former Advisor - ISRO	Inauguration of National Conference	4-5 Mar 2016
5	Mr Indu Shekar Sinha	NA	Head of Business Development - Asia Pacific and BBC world service	National Conference -Guest Lecture Evolving with the Audience	4-5 Mar 2016
6	Prof Dr Bashabi Fraser	Edinburgh Napier University, UK	Director - Scottish Centre of Tagore studies, Edinburgh	National Conference - Guest lecture	4-5 March 2016
7	Mr Christopher R Conte	Freelance American Journalist	USA	Guest Lecture	11 Aug 2016
8	Mr Girish Kasaravalli	NA	Independent Film Maker	Movie screening	2 Apr 2016
9	Ms Sathya Saran	NA	Former editor of Femina		14 July 2016
10	Mr Rajdeep Sardesai	Consulting Editor	India Today Group	Dr MVK Endowment Lecture	10 Sep 2016

Details of publications:

National		International	
Indexed	Non-Indexed	Indexed	Non-Indexed
2	--	3	--

Conferences attended by institution faculty and students:

	National	International
Faculty members	5	7
Students	--	1

Details of conferences/workshops conducted by the institution:

Particulars	National	International
Conferences	1	--
Workshops	5	--

Details of research grants:

Sl no	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (in Rs)
1	To examine the communication strategies of the government adopted with respect to social security measures	Dr Padma Rani	MU Intramural funding	15,00,000 lacs

Awards/recognitions:

Faculty members:

Sl no	Name	Details	Date
1	Dr Padma Rani	Visiting Professor at Technische Hochschule Nurnberg Georg Simon Ohm, Nurnberg, Germany	24 Nov-9 Dec 2016
2	Ms Shubha H S	Erasmus Mundus short term PhD fellowship	Sept 2015-June 2016
3	Balaji A C	Certificate as a mark of recognition Jury BAF awards 2016	March 2016

Photo archive of important events:



Inaugural of Media Research Centre by Dr Binod C Agrawal in the presence of Dr H Vinod Bhat, Vice Chancellor of Manipal University



Research Workshop for faculty members and PhD Scholars by Dr Binod C Agrawal



Advertising Guru Mr Prahlad Kakkar addressing the students



Ms Snehapriya Nayak – Illustrious alumni at Alumni Meet 2016



Mathribhasa Divas in the presence of Dr Patricia Mukhim of Shillong Times



Fashion Show at UTSAV 2016



Staff participating in Manipal University Athletics Meet 2016



Mr Rajdeep Sardesai delivering the M V Kamath endowment lecture 2016 in the presence of Dr Ramdas M Pai, Chancellor of Manipal University.

DEPARTMENT OF GEOPOLITICS AND INTERNATIONAL RELATIONS

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Phone Number: 0820 2922996

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HoD: arvind.kumar@manipal.edu



Name of HoD: Prof Arvind Kumar
Established: 2010

Programs:

- MA in Geopolitics and International Relations and PhD in Geopolitics and International Relations

About department:

The Department of Geopolitics and International Relations (GIR) offers a Masters and PhD program in Geopolitics and International Relations. The department, in addition to teaching, conducts policy and academic research on pertinent important themes impacting international security environment. The research also focuses on Science and Technology aspects of International Relations. The dept has made modest attempt in identifying the best possible subjects in its curriculum for its Master's program.

The Master's course focuses on understanding the emerging geopolitics and international relations from a strong theoretical perspective and combines this knowledge and information with the experience from the practitioners. The area of academic and policy research mostly includes the regions which impacts India's national security negatively and the regions which are in transition as well as the regions which are converging with India. The research focuses on multifaceted dimensions of understanding the region from political, economic, strategic and diplomatic prism.

Institutional activities/curricular activities:

New initiatives:

Sl no	Activity	Particulars
1	Central for Polish and Central European Studies	Lectures on EU and Poland
2	North East Studies Centre	News review and highly specialized lectures for the students and faculty

All other activities in the dept relating to the program/course:

Sl no	Activity	Particulars
1	Saturday Discussions and Quizzes on Contemporary Issues of Geopolitics and International Relations	Saturday Discussions and Quizzes on Geopolitics and International Relations have been an integral part of the weekly activities of the Dept of Geopolitics and International Relations. The Saturday Discussions involves all the faculty and the students of the Dept in discussing and debating over important pertinent areas impacting global peace and security from India's point of view. This exercise has been mainly to inculcate understandings of complex issues of global peace and stability among the young minds and provide them a platform to express their views in a free and frank manner from India's point of view.
2	Activities on National Integrity and Diversity under UGC Directive	1) A Panel was organized on the theme "Indian Constitution: A Cornerstone of India's Integrity and Diversity" on 26 Nov 2016 to celebrate "Constitution Day 2016" with active participation from faculty and students. 2) A workshop was organized on the theme "India's Freedom Movement: Political and Social Context" on 22 Aug 2016 to celebrate Azadi at 70 – Yaad Karo Kurban. A special lecture by Captain Ganesh Karnik, Member of Legislative Council, Karnataka was also organized on the theme "The Spirit of India's Freedom Struggle." 3) Matribhasha Diwas was organized on 20 Feb 2016 where the faculty and students of the dept who comes from different parts of the country participated in various activities that included poetry recitations, dialogue deliveries and songs in many varied Indian languages such as Ardh Magadhi, Manipuri, Malayalam, Assamese, Kannada, Beary, Bengali, Khasi, Marwari, Hindi and Telugu.

Details of guest visit:

Guest lectures:

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
1	Dr Karina Jędrzejowska	University of Warsaw	Institute of International Relations	Deliver highly specialized lectures	17-18 Nov 2016
2	Dr Kamil Zajęczkowski	University of Warsaw	Centre for Europe	Deliver highly specialized lectures	09-14 Nov 2016
3	Prof Jolanta Choińska-Mika	University of Warsaw		Deliver highly specialized lectures	10-11 Nov 2016
4	Prof Kicińska-Habior	University of Warsaw		Deliver highly specialized lectures	10-11 Nov 2016
5	Dr Jakub Zajęczkowski	University of Warsaw	Dept of Non-European Studies, Institute of International Relations	Deliver highly specialized lectures	10-11 Nov 2016
6	Dr Agata W Ziętek	Maria Curie-Skłodowska University, Lublin, Poland	Dept of International Relations, Faculty of Political Science	Deliver highly specialized lectures	24-27 Oct 2016
7	Dr Piotr Kajak	University of Warsaw	The Polonicum Centre of Polish Language and Culture for Foreigners	Deliver highly specialized lectures	07-08 Oct 2016
8	Prof Artur Gruszcak	Jagiellonian University, Kraków, Poland	Polish Society for International Studies	Deliver highly specialized lectures	03-05 Oct 2016
9	Admiral A K Chawla		Naval Headquarters, New Delhi	Special Lecture	01 Oct 2016
10	Mr Alok Mohan (IGP)		Police Headquarters, Bengaluru	Counter-terrorism Workshop	30 Aug-1 Sep 2016
11	Mr Manish Shanker Sharma (ADGP)		Police Headquarters, Bhopal	Counter-terrorism Workshop	30 Aug-1 Sep 2016

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
12	Prof Dilip Mohite	Formerly Professor, M S University, Baroda		Special Lecture	15 Sep 2016
13	Col D S Bajaj		College of Defence Management, Hyderabad	Interaction with faculty members and students	29 Aug 2016
14	Capt Ganesh Karnik		Legislative Council, Karnataka	Special Lecture	23 Aug 2016
15	Mr K Annamalai (SP)		Karkataka Police, Chikmagaluru	Special Lecture	13 Aug 2016
16	Mr Shesadri Chari		Forum for Integrated National Security, New Delhi	Interaction with faculty members and students	13 Jul 2016
17	Mr Alok Joshi		National Technical Research Organization, New Delhi	Interaction with faculty members and students	6 Jun 2016
18	Prof Y S Rajan		ISRO Headquarters, Bengaluru	Interaction with faculty members and students	28 May 2016
19	Prof Sanjoy Hazarika	Jamia Millia Islamia, New Delhi	Centre for North East Studies and Policy Research	Special Lecture	8 Apr 2016
20	Mr Hormis Tharakan		Formerly Secretary, Research and Analysis Wing	Special Lecture	7 Apr 2016
21	Mr Nitin Gokhale		Bharat Shakti	Interaction with faculty members and students	26 Feb 2016
22	Ms Patricia Mukhim		Shillong Times	Special Lecture and Interaction with faculty members and students	20 Feb 2016
23	Prof M D Nalapat		Sunday Guardian	Special Lecture and Interaction with faculty members and students	9 Jan 2016

Details of publications:

National		International	
Indexed	Non-Indexed	Indexed	Non-Indexed
8	5	4	7

Conferences attended by institution faculty and students:

	National	International
Faculty members	28	27
Students	5	4

Details of conferences/workshops conducted by the institution:

Particulars	National	International
Conferences	--	1
Workshops	1	--
Seminars	1	1

Books/chapters authored by faculty members:

Sl no	Name of the Book	Chapter/s name	Faculty members	Publisher
1	Indo-Pacific: Emerging Powers, Evolving Regions and Challenges to Global Governance	India's Role in the Emerging Indo-Pacific Security Architecture	Prof Arvind Kumar	Aakar Books
2	Modi's Cultural Diplomacy and Soft Power	Engaging the Estranged Diaspora: Understanding the Role of Indian Diaspora in Indian Foreign Policy	Dr Nanda Kishor	Ansh Book International
3	Perspectives on India's National Security Challenges: External and Internal Dimensions	Perspectives on India's National Security Challenges in South Asia	Dr Nanda Kishor	Pentagon Press

Details of Research Grants:

Sl no	Project name	Principal investigator	Funding agencies	Total grants received (in Rs)
1	National Seminar on the theme "Challenges to India's National Security: Role of Intelligence and Defence Technologies"	Prof Arvind Kumar	National Technical Research Organization, Government of India	8,63,124 lacs
2	Strategic Watch on Space Matters: A Fortnightly Newsletter on Outer Space Related Issues	Prof Arvind Kumar	Indian Space Research Organization, Government of India	5,72,000 lacs

Awards/recognitions:

Faculty members:

Sl no	Name	Details	Date
1	Prof Arvind Kumar	Member, Editorial Board, Africa Review (A Peer Reviewed Journal published by Routledge)	1 Jan 2016
2	Prof Arvind Kumar	Reviewer, Internal Journal Geopolitics under Globalization, Warsaw	28 Nov 2016
3	Dr Monish Tourangbam	Visiting Faculty at the Department of Political Science, University of Cincinnati, Ohio	15 Oct-14 Nov 2016

Photo archive of important events:



National Seminar on "Challenges to India's National Security – Role of Intelligence and Defence Technologies"



International seminar on EU and Rising Powers of Asia



International Conference on Asia Pacific – Historical Overviews and Contemporary Dimensions



Special Lecture on Insiders and Outsiders – What is the "Northeast"?



Celebrating Azadi at 70 – Yaad Karo Kurbani



National Workshop on Counter Terrorism Strategies – Challenges and Prospects

DEPARTMENT OF EUROPEAN STUDIES

Behind Post Office, Manipal 576104

Phone Number: +91-820-2923053

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Name of HoD: Prof Dr Neeta Inamdar

Established: 2009

Centres:

- Centre for Foreign Languages (CFL)
- Centre for Intercultural Studies and Dialogue (CISD)
- Dvaita Philosophy Resource Centre (DPRC)

Programs:

- Doctor of Philosophy, PhD
- MA European Studies, MAES
- BA Foreign Languages and Intercultural Studies, BA-FLIS (from July 2017)

Courses:

- Certificate Courses in Foreign Languages (Spanish, German, Italian, Japanese, Polish)

About department:

The Department of European Studies (DES), established in December 2009 with the funding from the Delegation of the European Union to India, is a further step of Manipal University's commitment and belief in sans-borders education. The objective of the department is to develop and broaden Indo-Europe relations by sharing each other's strengths through educational enterprise and the fostering of institutional partnerships between universities, leading to mutually beneficial exchanges of best academic practices and enhancement of common human knowledge.

We are proud to be the recipients of grants worth of (€600,000+) from the Erasmus+, Erasmus Mundus and Jean Monnet worldwide programs.

Thrust areas: Europe-Asia (India) interactions, multiculturalism and multilingualism, identity studies, immigration, history, socio-politics, higher education,

- Certificate Courses in Bhagavadgita and Indian Ethics and Epics
- Summer/winter Schools

Projects:

- Jean Monnet Module on Cultural Analysis and European Identity
- Jean Monnet Activity on Bologna-IN
- Erasmus Plus KA1 Credit mobility with several European partner universities
- Erasmus Plus KA2 Capacity building – CLIL@India
- Grammatical Analysis and Contextual Tagging of Mahabharata and Tatparyanirnya

CLIL (Content and Language Integrated Learning), Indian philosophy and ethics and allied areas.

We are proud that in the last five years, we have emerged as the "Centre of Excellence" among European study centres in India and are termed as a "jewel" among such initiatives in the words of Dr Silvia Costantini, the former First Counsellor, the Delegation of EU to India.

DES now stands as a major hub for the European studies, particularly in south India, coordinating with other European study centres in India. DES is the only centre in India that offers master's program in European studies, hosting European students and staff, and facilitating study and research for Indian students in European universities with scholarships. In last five years, several memoranda of understanding (MoU) were signed with more than a dozen universities in Europe, also developing knowledge sharing, mobility programs with them.

Institutional activities/curricular activities:
New Initiatives:

Sl no	Activity	Particulars
1	Centres	<ul style="list-style-type: none"> Centre for Foreign Languages (CFL) is housed in the Dept offers courses in foreign languages like German, Spanish, Italian, Japanese and Polish. Centre for Intercultural Studies and Dialogue (CISD) focuses on intercultural studies and dialogue in a multicultural environment. It aims at understanding the intricacies and nuances of plurilingual and multicultural societies concentrating on the cultural interactions and negotiations at various levels. Dvaita Philosophy Resource Centre (DPRC) was established to preserve the philosophical and spiritual heritage of this region that conducts research projects, courses, workshops and brings out scholarly publications.
2	Courses	<ul style="list-style-type: none"> Certificate Course in Italian, under CFL Certificate Course in Japanese, under CFL Certificate Course in Bhagavadgita and Indian Ethics and Epics, under DPRC
3	Projects	<ul style="list-style-type: none"> CLIL@India – The Dept received a major shot in the arm this year with the grant of over half a million euros (i.e., €564178) through Erasmus Plus Capacity Building project in Content and Language Integrated Learning (CLIL). The project is of immense importance as it has the potential to impact the pedagogical method practised in the schools across the nation. This project is planned in partnership with several European and Indian universities. It is for the first time India has got the funding from EU as a lead applicant of a consortium. Bologna-IN – we are selected for the funding of €57600 for the Jean Monnet projects – policy debate with the academic world as well. This will focus on internationalization and harmonization in higher education with focus on bologna process. Mahabharata – Dvaita Philosophy Resource Centre selected for the funding from Dr Ranjan Pai Endowment Fund for the Grammatical Analysis and XML Tagging of Mahabharata e-text with computational linguistic tools. This project will be held at the University involving six traditional scholars for the next 40 months.

All other activities in the department relating to the program/course:

Sl no	Activity	Particulars
1	Immersion Program	A three-week Immersion Program that orients students to different facets of Europe through several workshops and seminars
2	Spanish Language	Introduced Spanish language to the students as an elective subjective of their MA Program
3	Sports	DES Master's program organized and played a cricket match in December
4	Cultural Analysis and European Identity	A course module of second semester of MA European Studies is selected for the funding of €16128 from the European Union (EU) for the Jean Monnet program. The Dept has been inviting Jean Monnet Professors/Chairs from European universities to conduct part of the module. Prof Ulrike Liebert, Head of Jean Monnet Centre for European Studies, University of Bremen had conducted a session on the Jean Monnet module from 28-31 March 2016
5	Explore India – A Cultural Encounter	A ten-day Summer School for students of Lancaster University, UK 29 Aug-7 Sep 2016

Details of guest visit:
Guest lectures:

Sl no	Visitor	Name of the University/ Designation	Institution/ Country	Purpose of visit	Date of visit
1	Prof Ulrike Liebert	University of Bremen	Germany	Special Lecture on Jean Monnet module	28-31 Mar 2016
2	Dr Søren Ehlers	Aarhus University	Denmark	To explore possibilities of further cooperation between two institutions	21 Dec 2016

Sl no	Visitor	Name of the University/ Designation	Institution/ Country	Purpose of visit	Date of visit
3	Prof Dr Choodamani Nandagopal	Art historian, UNESCO Fellow Hon Professor	Jain University, Bengaluru	Seminar	8 Nov 2016
4	Amelia Andersdotter		Sweden	Special Lecture	14 Dec 2016
5	Dr Hugo David	Ecole Francaise D'Extreme – Orient, Centre De Pondicherry		Workshop	
6	Ms Vidya Suresh	Country Manager at ESIGELEC – INDIA OFFICE	India	Visit to Alliance Française and Department of European Studies	17-18 Mar 2016
7	Ms Emmanuel Dequeker	Mines Douai	France	Meeting intercultural workshops	
8	Mr Francois Gautier	Consul General of France	France	Visit to Alliance Française and Department of European Studies	7 Oct 2016
9	Mr Jerome Bove	Scientific Advisor	France	Visit to Alliance Française and Department of European Studies	7 Oct 2016
10	Prof Margaret Usha D'Silva	University of Louisville	USA		
11	Dr Wei-Chung Wang	National Tsing Hua University	Taiwan	Visit to CFL	June 2016
12	Ms Nicole Yang	Taiwan Education Center India, National Tsing Hua University	Taiwan	Visit to CFL	June 2016
13	Dr James D Portwood	Centre for European Studies – Fox School of Business, Temple University	USA		
14	Prof Gary Tubb	University of Chicago	USA		
15	Prof Kathy Perkins	Africa/African Diaspora Theatre, Multi-Ethnic Theatre, Lighting Design University of Michigan MFA, Howard University	USA	Special Lecture	7 Dec 2016
16	Prof T P Ashoka	Well known Kannada Critic	India	Workshop	11-12 Aug 2016
17	Dr Animesh Bahadur	TAPMI	TAPMI	Workshop	23 Aug 2016
18	Dr Sushant Kumar	TAPMI	TAPMI	Workshop	22 Aug 2016

Details of publications:

National		International	
Indexed	Non-Indexed	Indexed	Non-Indexed
--	--	1	--

Conferences attended by institution faculty and students:

	National	International
Faculty members	--	5
Students	--	1

Details of conferences/workshops conducted by the institution:

Particulars	National	International
Workshops	21	--
Seminars	10	--
Others	--	1 Summer School

Details of research grants:

Sl no	Research Project Name	Principal Investigator	Funding Agencies	Total Grants Received (in Rs)
1	Jean Monnet Module on Cultural Analysis and European Identity	Dr Neeta Inamdar	EU	€16128/Rs 12,09,600
2	BOLOGNA-IN	Dr Neeta Inamdar	EU	€43,200/Rs 32,40,000
3	CLIL@India	Dr Neeta Inamdar	EU	€564,178/Rs Around 4.2 Crore
4	Mahabharata Project	Srinivasan Acharya	Manipal University	20,00,000

Awards/recognitions:
Faculty members:

Sl no	Name	Details	Date
1	Dr Neeta Inamdar	Prof Inamdar as Jean Monnet Module Leader	2014 to 2017
2	Stefano Greco	Erasmus+Scholarship – Staff Mobility to Prague	Jun 2016

Students:

Sl no	Name	Details	Date
1	Pranjali Kirloskar	Erasmus+ researcher mobility scholarship to Latvia	Sep–Oct 2016
2	Trisha Chaterjee	Erasmus Mundus Masters mobility scholarship to Latvia	Oct 2016– Jun 2017
3	Priya Rani Bhagat	Erasmus Mundus Masters mobility scholarship to Latvia	Oct 2016–Jun 2017
4	Rakshith M U	Erasmus+ Masters mobility scholarship to Latvia	Oct 2016–Jun 2017
5	Priya Poojary	Erasmus+ Masters mobility scholarship to Latvia	Oct 2016–Jun 2017
6	Amrutha Yatish	Erasmus+ Masters mobility scholarship to Latvia	Oct 2016–Jun 2017
7	Mahima T P	Erasmus+ Masters mobility scholarship to Latvia	Oct 2016–Jun 2017
8	Tushar Prashar	DAAD Masters mobility scholarship to Latvia	Oct 2016–Jun 2017
9	Nikita Joshi	DAAD Masters mobility scholarship to Latvia	Oct 2016–Mar 2017

Staff:

Sl no	Name	Details	Date
1	Prathima Kalmady	ASEM – Summer school exchange scholarship, Hochschule Bremen, Germany	Jun 2016

Photo archive of important events:


Inauguration of Mahabharata project



Orientation program of MA European Studies 7th batch



PhD award during Convocation for DES researcher



Visit to Yakshagana Kendra - Cultural Summer School 2016

DEPARTMENT OF ATOMIC AND MOLECULAR PHYSICS

LG-01, Academic Block-5, MIT Campus, Manipal University

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Name of HoD: Dr Santhosh Chidangil

Established: 2007

Programs:

- MSc Photonics
- MSc Nanoscience and Technology

About department:

The Department of Atomic and Molecular Physics (DAMP) is a point of convergence of multidisciplinary research and learning in the field of Atomic and Molecular Physics. In the year 2007, the DAMP was established as an independent centre for research in laser spectroscopy after functioning as a Centre for Laser Spectroscopy as part of Kasturba Medical College since 1997. Research and development program in the area of Laser and Spectroscopy has been gaining momentum in the department ever since the day of its inception. Then called as the Centre for Atomic and Molecular Physics, it got renamed to DAMP in 2013. Today, DAMP has established itself as a leading centre for research in a vast area of atomic and molecular physics consisting of ultra-fast phenomena in atoms and molecules, light matter interactions, optics and quantum electronics, photocatalysis, nanomaterial synthesis and characterization, nanobiophotonics, protein crystallization, biophotonics, structural biology and biophysics. The thrust area of interest is to probe the dynamics at the atomic and molecular levels of different species by gauging the light-matter interactions. Among the avant-garde spectroscopy labs at DAMP are the Raman Spectroscopy Lab, Laser

Induced Fluorescence (LIF) Spectroscopy Lab and Laser Induced Breakdown Spectroscopy (LIBS) Lab.

The faculty members and PhD scholars of the department participate in numerous research related activities and conferences, and have several publications in leading journals to their credit. The department also offers two post graduate courses, MSc Photonics and MSc Nanoscience and Technology. In addition, two certificate courses - On Applications of Lasers in Biology and Medicine and Nanoscience and Technology – are regularly conducted by the department. The department maintains active collaborations with different institutes within the campus. This is in addition to the collaborations with premiere research labs in and out of the country. There is a Federation agreement between the Department and the International Centre for Theoretical Physics (ICTP), Trieste which facilitates the faculty members of the department to visit the centre for attending workshops and winter colleges.

One-day Symposium on Recent Trends in Photonics is organized by the department annually in addition to several other scientific programs like workshops, lecture series, lab

visits for students and teachers of neighbouring colleges, and outreach programs. The Manipal University Student chapter of SPIE actively functions in the department under

the auspices of which several programs like BSc interaction program, conferences and outreach programs are held regularly.

Institutional activities/curricular activities :

New initiatives:

Sl no	Activity	Particulars
1	Centre for Biophotonics has been established in the department.	
2	Centre for Applied Nanoscience and technology has been established in the department.	
3	International Symposium on Spectroscopy and its Applications on 15 Feb 16	This Symposium was held on 15 Feb 2016 and had three international speakers and more than 100 participants in addition to eminent speakers from the country.
4	Lecture Series on "Microwave Radiation and Molecular Structure" from 23 to 25 Feb 16	The lecture series was handled by Dr K P Rajappan Nair from Leibniz University, Hannover.
5	Lecture series on "Time of Flight Mass Spectroscopy" from 3 to 4 Jun 16	A lecture series on Time of Flight Mass Spectroscopy was held in the department on 3 and 4 Jun 2016. The resource person was Dr R K Vatsa from BARC Mumbai.
6	Workshop on "Nano and Soft Materials" from 16 to 17 Aug 16	This two-day workshop focused on the synergy between the front-line areas of research in the two fields of nano and soft matter sciences, highlighting latest approaches to achieve novel materials that facilitate realization of next generation. It was organized in collaboration with the Centre for Nano and Soft Matter Sciences and included talks and presentations by faculty members, scientists and students from both institutions.
7	Lecture Series on "Know your Environment with a Researcher's Eye" from 14 to 15 Oct 16	This workshop was an interactive educational resource to understand the science and dynamics of our environment and to create an awareness regarding the need and means to conserve the environment. The resource person was Dr Sathish Kumar (former Kannur University).
8	Sky-Watching session in connection with Super moon organized by the SPIE Manipal University Students Chapter on 15 Nov 16	Conducted from 7 pm to 9 pm on the occasion of super moon, more than 90 students and faculty members made use of this opportunity to see the super moon closer.
9	Asia Students Photonics Conference – 2016, (ASPC 2016) A SPIE event from 12 to 14 Dec 2016	A three-day SPIE event which saw the participation of 80 students from in and outside India. There were five international speakers and four speakers from India. In addition, two workshops were conducted. A poster presentation contest and an oral presentation competition were also held.
10	Invited guest talk on "Applications of ultrafast laser writing, Photonic nanojets, and THz "	Radiation by Dr K L N Deepak, University of Ottawa, Canada, on 29 Nov 2016.

All other activities in the department relating to the program/course:

Sl no	Activity	Particulars
1	Annual one-day symposium on Recent Advances in Photonics on 23 Jul 16	Every year the department organizes a symposium on the latest trends in Photonics. This year it was held on 23 Jul 2016. Over 180 BSc students from different neighbouring colleges attended the event which had the talks by five eminent speakers.
2	Science Quiz Competition in Connection with the National Science Day on 8 Mar 16	The annual event held in connection with the National Science Day which saw the participation of post graduate students and research scholars.

Sl no	Activity	Particulars
3	KIRAN 3 – Workshop on Optics and Photonics on 22 Oct 16	Workshop on Optics and Photonics for students of classes X, XI and XII in which over 100 students from different schools and colleges participated. The demonstrations were handled exclusively by the MSc students. This was the third event of the same kind organized by the students of the department.
4	BSc Outreach Program on 16 Jan 2016	Every year SPIE – Manipal University Students Chapter organized an Interactive program for the BSc students in the neighbouring colleges wherein they are briefed about the fields of photonics, Nanoscience and technology and Biophysics. The event was held on 15 Jan 2016 and was attended by around 65 students from different colleges.

Details of guest visit (lectures, collaboration, visitors on campus):
Guest lectures:

Sl no	Visitor	Name of the University	Purpose of visit	Date of visit
1	Prof Dr Jens-Uwe Grabow	Leibniz University of Hannover, Germany	International Symposium on Spectroscopy and its Applications	15 Feb 2016
2	Prof Dr Thomas Giesen	University of Kassel, Germany	International Symposium on Spectroscopy and its Applications	15 Feb 2016
3	G U Kulkarni	Director, CeNS	Workshop on "Nano and Soft Materials"	16-17 Aug 2017
4	Prof Ammasi Periasamy	University of Virginia, USA	ASPC 2016	12 Dec 2016
5	Dr B N Jagatap	BARC, Mumbai	ASPC 2016	12 Dec 2016
6	Dr Vasudevan Lakshminarayanan	University of Waterloo, Canada	ASPC 2016	12 Dec 2016
7	Prof T Kundu	IIT Bombay Mumbai	ASPC 2016	13 Dec 2016
8	Dr Fe-Jen Kao	Institute Biophotonics, Taiwan	ASPC 2016	12 Dec 2016
9	Ms Nanditha Jayaraj	Co-Founder, The Life of Science	ASPC 2016	12 Dec 2016

Details of publications:

National		International	
Indexed	Non-Indexed	Indexed	Non-Indexed
1	--	27	--

Conferences attended by Institution faculty members and students:

	National	International
Faculty members	13	10
Students	11	8

Details of conferences/workshops conducted by the institution:

Particulars	National	International
Conferences	--	1
Workshops	2	--
Seminars	2	1
Others	3 Lecture series 1 Interaction Program 3 Guest Lectures	--

Details of Research Grants:

Sl no	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)
1	FIST Program Sanction No.SR/FST/PSI-174/2012 (C) dated 8 Jul 2013	Dr Santhosh C	Department of Science and Technology (DST)	--
2	Miniaturized Laser-Induced Breakdown Spectroscopy (LIBS) system for field applications Sanction No: 34/14/04/2014-BRNS/0147 Dated: 25 Apr 2014 Additional Grant: Sanction No 34/14/04/2014-BRNS/882 dated: 1 Jul 2014	Dr Unnikrishnan V K	Board of Research in Nuclear Sciences (BRNS)	1,92,446.00
3	Microwave-assisted synthesis of spinel oxide phosphors for display applications and white light generation. SB/S2/CMP-017/2014 16 Mar 2015	Dr Suresh D Kulkarni	Science and Engineering Research Board (SERB)	4,50,000.00
4	Development of rapid pyrolysis method for nanostructures and thin films. No SB/FT/CS-123/2013 dated: 30 Jun 2014	Dr Suresh D Kulkarni	Science and Engineering Research Board (SERB)	5,70,000.00
5	Preliminary LIBS study of metal alloys dated 17 Feb 2015	Dr Santhosh C Dr Unnikrishnan V K	Titan company Ltd	58,624.00
6	Design, Assembly, Testing and Multi-Centre Evaluation of a Miniature and Portable LIF System for Screening of Oral Malignancy F No IDP/MED/2013/03 dated 2 Jun 2015	Dr Santhosh C	Department of Science and Technology (DST)	--
7	Establishing a Bio-Photonics Research Facility for Development and demonstration of Screening for early detection of Cervical Cancer using Laser Spectroscopy techniques. Sanction No KFIST/02/CESEM/2015-16	Dr Santhosh C	Vision Group on Science and Technology (VGST)	20,00,000.00

Photo archive of important events


SPIE event- INSPIRE- BSc Interaction Program



SPIE event- INSPIRE - BSc Interaction Program



An invited talk at the International Symposium on Spectroscopy and its Application



Annual one-day symposium on "Recent Advances in Photonics"



Inauguration of the Workshop on Nano and Soft Materials



Scientific Session at the workshop on Nano and Soft Materials



KIRAN 3



Super moon viewed using a 12-inch telescope through a diffraction grating as part of the Night-Sky watching session on 15 Nov 2016 organized by SPIE



Interaction Session with Prof Vasudevan Laxminarayanan from the University of Waterloo, Canada

ASIA STUDENT PHOTONICS CONFERENCE – 2016



Asia Student Photonics Conference (ASPC)-2016

MANIPAL COLLEGE OF PHARMACEUTICAL SCIENCES

Manipal University, Manipal
Phone Number: 0820 2922482

Email-Office: office.mcops@manipal.edu, Principal: mallik.rao@manipal.edu



Name of Principal: Dr C Mallikarjuna Rao

Established: 1963

Programs:

- DPharm
- BPharm
- PharmD
- MPharm
- PharmD Post Baccalaureate

About school:

MCOPS has come a long way since 1963. The college has DPharm, BPharm, MPharm (11 specializations), PharmD, PharmD Post-Baccalaureate and PhD programs running successfully. All the program conducted at MCOPS have received the sanction from AICTE and PCI. The institution, a constituent college of Manipal University, has got "A" accreditation from NAAC and certification from ISO 9001:14 000. MCOPS has received significant financial assistance from AICTE, DST, DBT, UGC and other funding agencies helping it to modernize its laboratories and remove obsolescence. New buildings and extensions have been made to keep pace with the newer initiatives and courses that were launched in the last few years. With modern well-equipped laboratories and air-conditioned lecture halls, there is the right ambiance for learning in the college. A significant number of post-graduate students

are recipients of GATE or GPAT scholarship from AICTE. MCOPS has a Quality Improvement Centre, recognized by AICTE. This has enabled teachers from other institutions to choose MCOPS for pursuing their doctoral work. Most of the faculty members at MCOPS have acquired PhD or are working for it. Up until now, MCOPS has produced 156 PhD holders, 1,876 research publications in National/International journals of repute, 1,793 conference presentations, 19 books and 8 patents. Besides, it has received more than 21.81 crores grant in aid from various funding sources. The college, therefore, is verily a research hub. Faculty, research scholars and postgraduates publish their work in reputed journals with impact factor besides making presentations at national and international conferences.

Institutional activities/curricular activities:

New initiatives:

Sl no	Activity	Particulars
1	Pharma Conclave	Pharmaceutical industry is an ever-growing field with a lot of flux. The advances in science and technology make huge impact on pharmaceutical industry. Generally, the academia is a bit sluggish in incorporating the latest developments. This creates a sort of gulf between the requirements of industry and the quality of products emanating from academia. Recognizing this gap, we at MCOPS had constituted an Industry Institute Partnership Cell (IIPC) more than a decade ago. This cell is used to provide a forum for useful interaction between experts from industry and faculty and pharmacy students. The interactions help us in the college to know what the industry expects from our students after they complete their academic programs and qualify.
2	Centres of Excellence	The Pharma Majors Conclave appreciated the centres concept. As per the outcome of the conclave, it was decided to establish the centres in phase manner. In the first phase, the proposals for four centres namely – <ul style="list-style-type: none"> • Centre for Drug Delivery Technologies, • Centre for Toxicovigilance and Drug Safety, • Centre for Drug Testing, • Centre for Drug Regulatory Affairs were submitted to Manipal University for approval. The University granted approval for the commencement of the above mentioned centres.
3	Paperless Digital Exam	The problems that are faced by the educational institution in connection with the examination are procurement of white papers, storage and preservation of written answer books, compilation of marks, etc. The E-Pad is the solution to overcome all these problems in one go. MCOPS implemented “E-Pad: Paperless Digital Exam Device” for writing the sessional and University Examinations from the academic year 2016–17. This technology obviates the usage of paper and hence an eco-friendly way to save millions of trees. Besides, the e-pad helps storing the answer scripts in electronic format (Pdf) for life long with bare minimum space requirement.

All other activities in the department relating to the program/course:

Sl no	Activity	Particulars
1	Annual Sports Meet “ATHLOS”	A month-long sports activity of MCOPS ATHLOS 2015–16 began on 25 Jan 2016. Various indoor and outdoor games were special modalities which came to an end on 1 Mar 2016 with athletics event. Dr G K Prabhu, Director, MIT, Manipal was the Chief Guest of the day. The day began with a grand march past from students of various batches. Dr C Mallikarjuna Rao gave the welcome address which was followed by the chief guest’s speech who also declared the meet open. Students of MCOPS who represented Manipal University in various sports events were felicitated by the dignitaries. Mr Venkatesh Kamath, Sports secretary proposed the vote of thanks. Dr Srinivasa Reddy, Dr C S Shreedhara, Dr Satish Mallya, Physical Director and Dr N Udupa were also present on the dais. Various awards and prizes for different games were given away in the function.
2	Curriculum Development Committee Meeting	Curriculum Development Committee meeting was held on 12 Feb 2016 in MCOPS in the presence of a representative from pharma industry, Dr Tadiparthi Ravikumar. The committee this time looked at modifying the syllabi of Pharmaceutical Chemistry and Quality Assurance subjects to meet with the requirements of the industry. The Head of Pharmaceutical Chemistry, Dr Gautham Shenoy and the Head of Pharmaceutical Quality Assurance Dr Krishnamurthy Bhat made presentations. The meeting decided, after protracted discussion, to bring in effective changes in the curriculum so as to make it in tune with industry requirements.
3	MCOPS Alumni Meet	The first annual alumni meet was held on 12 Feb 2016. The Chief Guest of this program was our alumnus Dr T Ravikumar, Associate Director of Wockhardt, Aurangabad.

Sl no	Activity	Particulars
4	Manipal IPCs Funded Golden Jubilee Commemoration Lecture	An important annual event usually held around the Annual and Awards Day at MCOPS is the Golden Jubilee Commemorative Lecture. MCOPS has the unique distinction of conducting three Indian Pharmaceutical Congress here in Manipal. Money saved from these conferences is kept as a corpus fund to sponsor the Golden Jubilee Commemorative Lecture. An eminent academic or a person from pharmaceutical industry is invited to deliver this lecture. This time Prof Bhushan Patwardhan, from Interdisciplinary School of Health Sciences, Savitribai Phule Pune University delivered the lecture on 13 Feb 2016. The title of the lecture was, "Moving away from drugs to formulation discovery."
5	Awards and Annual Day of MCOPS	The 54th Awards and Annual Day of MCOPS was celebrated at KMC Greens in Manipal on 13 Feb 2016. Prof Bhushan Patwardhan, Eminent Scientist, Interdisciplinary School of Health Sciences, Savitribai Phule, Pune University, was the Chief Guest. Mr Raghurama Bhandary, Drugs Controller of Karnataka was the Guest of Honor. Dr H Vinod Bhat, Vice Chancellor and Dr P Laxminaryana Rao, Registrar Evaluation graced the occasion by their presence. Three alumni of MCOPS were conferred with the Distinguished Alumni Award. They are Dr Tadiparthi Ravikumar, Associate Director, Wockhardt, Aurangabad, Dr Rekha Shenoy, Associate Professor, Pharmacology, MCOPS and Dr Manthan D Janodia, Associate Professor, Pharmacy Management, MCOPS. Mr Swapnil Denge, Assistant Professor, Quality Assurance secured the coveted Dr TMA Pai Gold Medal for research while Dr N Gopalan Kutty, Professor of Pharmacology was given Lifetime Achievement Award for his contributions to teaching and the profession of pharmacy. Mr P V R Chowdhary, Dr Angel Treasa Alex and Dr Vijaya Bhaskar received the Good Teacher awards. Dr Josyula Venkata Rao bagged the Teacher of the Year award, instituted by Dr N Udupa, former Principal of MCOPS
6	CME by Dept of Pharmacy Practice	Dept of Pharmacy Practice has organized CME on "Role of Pharmacist in Improving Patient Treatment Outcomes" in association with Pfizer Ltd, Mumbai on 28 Feb 2016 in Manipal.
7	Manipal Chapter of Society for Ethnopharmacology	The Manipal Chapter of Society for Ethnopharmacology was inaugurated in a formal function held at MCOPS on 12 Feb 2016. The local chapter was flagged off by Prof Bhushan Patwardhan, Director, Interdisciplinary School of Health Sciences, Savitribai Phule Pune University, Pune and Editor in Chief, Journal of Ayurveda and Integrative Medicine by lighting a lamp. Dr K L Bairy, Professor, Dept of Pharmacology, KMC Manipal and the President Manipal Chapter of SFE and Dr C Mallikarjuna Rao, Principal, MCOPS Manipal were present on the occasion. In his inaugural speech Prof Bhushan Patwardhan underlined the importance of Ethnopharmacological research and associated benefits for the mankind as a whole. Prior to the inauguration Dr K L Bairy, highlighted the aims and objectives of the SFE. He also explained the benefits for members of the society.
8	PHARMAQUORA - 2016	The Academic Committee of MAPS organized the Annual Pharma Fest of Manipal College of Pharmaceutical Sciences "PHARMAQUORA-2016" a festival to unearth the literary and scientific talents of students, on 4 and 5 Mar 2016. Not only students from Manipal, but out-station candidates too actively participated in this two-day event. Dr R S Jeyaprakash, Faculty Advisor and Ms Anila, Vice President, MAPS coordinated the entire program.
9	Annual Pharmacy Practice Meet - 2016	The staff and students of Department of Pharmacy Practice have organized their fourth annual social get together- Pharmacy Practice Meet on 12 Mar 2016 in Dr TMA Pai Amphitheatre, Manipal. This event is an annual recreational meet for unwinding themselves and prepare for new dawn of challenges and opportunities.
10	Innovative Communication Club (I2C)	Manipal College of Pharmaceutical Sciences inaugurated I2C Council – 2016 on 4 May 2016. Dr N Udupa, Director – Research (Health Sciences), Manipal University was the chief guest for the program.
11	Release of College Magazine "INCESSANT"	The college magazine of MCOPS "INCESSANT" (continuing without a pause) was released at a simple function held in MCOPS on May 27, 2016. The Chief Guest of the function Lt Col P S Shetti, Vice President, Projects and Services, MEMG Int India Pvt Ltd officially released the magazine in the presence of a large audience, comprising faculty members, research scholars and students of MCOPS. Dr C Mallikarjuna Rao, Principal, MCOPS in his welcome address conveyed best wishes to the outgoing students and asked them to take the good memories of their tenure at Manipal

Sl no	Activity	Particulars
12	Orientation program for undergraduate students	Orientation for the undergraduate programs BPharm and PharmD on 1 and 2 Aug 2016. The prodigious crowd was addressed by Honourable Vice Chancellor of Manipal University, Dr H Vinod Bhat, the chief guest of inauguration program. Dr Vinod Bhat exalted MCOPS for standing first in the NIRF ranking of MHRD, India, and also, for upholding quality education and research.
13	Orientation program for postgraduate students	Dr H S Ballal, Pro Chancellor of Manipal University congratulated the new MPharm, PharmD Post Baccalaureate students and parents for choosing Manipal as their destination, during the orientation on 4 Aug 2016. Such was his message that the students were inspired not to be book worms; rather strike the perfect balance between curricular and co-curricular activities, essential for an overall development.
14	Research Orientation	One day program "Research Orientation" was organized by Innovative Communication Club (I2C), Manipal College of Pharmaceutical Sciences on 24 Aug 2016. Chief Guest, Dr N Udupa, Director – Research (Health Sciences) and Guest of Honor, Dr C Mallikarjuna Rao, Principal inaugurated the program. Dr C Mallikarjuna Rao explained and stressed on the need of igniting the spark of conducting quality research in the post-graduate students (I and II Year M Pharm). These words were also echoed by Dr N Udupa when he addressed the gathering on the current aspects and challenges in the field of research. The support, facilities and guidance available at the Manipal University for conducting the research activity was rightly passed on into the budding researchers gathered there.
15	Technology Transfer Office Activity at MCOPS	Technology Transfer Office, Directorate of Research, Manipal University organized one day awareness program on Intellectual Property Rights in collaboration with Ministry of Small and Medium Enterprises (MSME) and District Industry Association on 2 Sep 2016. The one day awareness program highlighted the importance of Patents, Trademarks, protecting innovations, industrial designs and other aspects of intellectual property
16	Reunion of Alumni batch of 1987-1991	About 20 proud alumni of batch 1987-1991 gathered at MCOPS on 2 and 3 Dec 2016 to celebrate the reunion. The annual alumni meet was held in MCOPS on 3 Dec 2016. This meet was witnessed by the alumni of batch 1987-1991, students and faculty of MCOPS
17	Alumni meet during the 68th IPC	Manipal College of Pharmaceutical Sciences organized another alumni meet during the 68th Indian Pharmaceutical Congress (IPC) held at Visakhapatnam, AP, on Dec 16, 2016. About 20 alumni attended this meet and, senior professionals shared their Manipal life with fellow young alumni and encouraged them. The alumni meet was witnessed by the presence of eminent alumni like Dr Kaushik Desai, Dr T K Ravi, Dr Sreedhara R K Pai, Dr Ramkumar, Dr Nagaraju and Dr KVSRRG Prasad. Dr N Udupa, Research Director (Health Sciences) Manipal University coordinated the meet.
18	THE GAIETY GENESIS (2016)	Initium Motivum, to initiate the motive, being their motto for the day, the MAPS launched the day, meant only for them, THE GENESIS'16. On this exotic day, happened the inauguration of Student Council 2016–17, The MAPS.
19	Sanskriti 2016	Webster defines "festival" as a special time or event when people gather to celebrate something, and is rightly so. Sanskriti 2016, the college cultural fest of MCOPS, is not only seen as an inter-class competition, but also a way to celebrate talent in a grand manner. The seven-day fest started on 21 Oct 2016, which was considered as day 0, wherein prelims were held for events like antakshari, potpourri, general quiz and TV show quiz. Competitions were held for various events such as classical dance, eastern and western singing, instrumental, collage, rangoli, street play, etc., and witnessed a large participation by students, who were enthusiastic in taking part in activities that are otherwise a mere hobby, after the exams. A Facebook Sanskriti page was created to update the competitions that occurred as well as to showcase the amount of hard work put up by the cultural council. The week-long cheer and high-spirited competitions came to its culmination on the grand finale held on 27 Oct 2016.
20	Drug Safety – Patients Counselling Drive	MAPS in collaboration with ISPOR-MUSC on 24 Sep 2016 "Pharmacists: Caring for You" patients counselling drive in the out-patient pharmacy of Kasturba Hospital and also at Manipal Drug House. Out-patients were counselled regarding their medication. Students of all classes BPharm, PharmD (around 48 students) helped in conducting the counselling session.

Sl no	Activity	Particulars
21	World Pharmacists Day	MAPS in collaboration with ISPOR-MUSC celebrated FIP World Pharmacists Day on 24 and 25 Sep 2016. On World Pharmacists Day, 30 students along with Dr Kanav Khera and Dr Girish Thunga visited the Bijapur slum to spread awareness regarding alcohol abuse and smoking among the inhabitants of the slum. Information leaflets which contained information on the topic was distributed to the inhabitants. A small skit depicting the ill-effects of alcohol and smoking was performed by the students. The skit was well appreciated by the audience. With the efforts of the volunteers, the events were successfully conducted and World Pharmacists Day 2016 became a memorable day.
22	Daan Utsav	Manipal College of Pharmaceutical Sciences celebrated Daan Utsav by interacting with 50 kids from Sri Krishna Balaniketan, Kukkikatte, Udupi on 8 Oct 2016. The children were given a bird's eye view of the Pharmacy Museum and were given a brief demonstration about tablet punching, capsule filling and ampule sealing process. Cultural programs and creative games were organized for the kids. The kids seemed to be having a gala time along with the students. At the end of the function snacks and gifts were distributed to the kids
23	Diabetes Camp in Karkala	On occasion of World Diabetes Day, a diabetes camp was organized by Dr Karthik Rao N in the TMA Pai Rotary Hospital at Karkala. The staff and the students of Dept of Pharmacy Practice actively participated in this camp and helped the people with diabetes. The camp was aimed at providing awareness to diabetic patients in Karkala. A multidisciplinary team consisting of doctors, dieticians, clinical pharmacists, physiotherapists, occupational therapists, dentists and optometrists provided comprehensive care for the patients to help them control their condition in a better manner. Our students helped in organizing the camp along with providing clinical pharmacy services which involved diabetic counselling on medications and the disease. The students expressed "It was indeed an enriching experience working with healthcare workers from different departments for betterment of patient care."
24	Blood Donation Camp	In view of National Pharmacy Week, CDC, MAPS called for a Blood Donation Camp in association with Blood Bank of Kasturba Hospital in the college on 22 Nov 2016. 145 students and three Professors turned up for this noble cause, out of which 120 were found eligible to donate blood. This response greatly pleased the representatives of the blood bank.
25	Walkathon on Awareness of Diabetes	MCOPS conducted a Walkathon to spread awareness on antimicrobial resistance as well as awareness on diabetes on 23 Nov 2016.
26	Literature and Arts Club	Research Scholars and PG students of Department of Pharmacology have started "Literature and Arts Club" for the benefits of student community of MCOPS.
27	MCOPS Cycling Club	Students of MCOPS have formed a cycling club, which started its activities in 2016. The events are organized by the undergraduate students of MCOPS and supported by the research scholars and faculty members. The club organizes regular weekend rides to various locales in Udupi district. So far, more than 30 rides spanning over 1000 km have been completed. The club brings together, people with a common interest under a single platform; both amateur as well as seasoned cyclists. MCOPS cycling club aims to promote recreational stress relief with a dose of fun.

Details of guest visit:
Guest lectures:

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
1	Dr K G Revikumar	--	Director and Principal, KIDS, Trivandrum	Interacted with students, research scholars and faculty members	20 Jan 2016
2	Sri Raghurama Bhandary	--	Drugs Controller, Government of Karnataka	Talk- "Pharmaceutical Regulatory Issues in Indian context"	13 Feb 2016

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
3	Mr Anirban Roy Chowdhury	--	Senior Director – Global Clinical Trial Operations, MSD Pharma Pvt Ltd	Guest Lecture: “Role of Industry-Academia integration for Pharmaceutical innovation”.	9 Jun 2016
4	Prof Dr R S Ramaswamy	--	Director General, Central Council for Research in Siddha (Ministry of AYUSH, Government of India) Chennai	Interacted faculty members and research scholars of Manipal University regarding the opportunities in Research in Siddha	4 Jul 2016
5	Dr Purushottamachar Puranik	University of Maryland	Research Associate (Medicinal Chemistry), Centre for Biomolecular Therapeutics, School of Medicine, Baltimore, USA	Talk – “Development of androgen receptor down-regulating agents for the treatment of all forms of prostate cancer”	15 Jul 2016
6	Dr Rajesh Nayak	St John’s University, Jamaica, USA	Director of Graduate Studies in Pharmacy Administration	Guest Lecture – “Newer and evolving models of pharmacy practice in America”	13 Aug 2016
7	Mr Umakant Ashok Bahirat	--	Research Scientist, Dept of Pharmacology, Novel Drug Discovery and Development, Lupin Ltd, Pune	Guest Lecture – “Drug Discovery: A Challenge”	13 Aug 2016
8	Dr Ashutosh Nayak	--	Principal Scientist, Research Development, Biocon Research Ltd, Bengaluru	Guest Lecture – “Challenges in Protein Formulations – Current Trends and Future Perspectives”	27 Aug 2016
9	Mr Parikshit Khokale	--	Associate Scientific Manager (FDL), Biocon Research Centre, Bengaluru	Guest Lecture – “Parenteral Bio-pharmaceutical Drug Product Development: Industrial perspective”	27 Aug 2016
10	Dr Amit Agarwal	--	Research Scientist and Head, Dept of Molecular Biology, Chest Research Foundation, Pune	Two Guest Lectures – 1) Research as a career option 2) Academic culture in United States of America	24 Sep 2016
11	Dr G Jagadeesh	--	Advisor and Scientist, Division of Cardiovascular and Renal Products, Center for Drug Evaluation and Research, US food and Drug Administration, Silver Spring Maryland, USA	Talk – “The never-ending story of Angiotensin II Drugs targeting the renin-angiotensin-aldosterone system in the treatment of hypertension and other cardiovascular diseases”	8 Nov 2016
12	Dr Harendra Parekh	University of Queensland	Senior Lecturer, School of Pharmacy, Australia	Lecture – “New age medicines for age old diseases”	8 Dec 2016
13	Dr Vandana B Patravale		Professor of Pharmaceutics, Dept of Pharmaceutical Science and Technology, Institute of Chemical Technology, Mumbai	Interacted with students, research scholars and faculty members	24 Dec 2016

Details of Publications:

National		International	
Indexed	Non-Indexed	Indexed	Non-Indexed
38	--	84	--

Conferences attended by Institution faculty and students:

	National	International
Faculty	46	8
Students	72	3

Details of conferences/workshops conducted by the institution:

Particulars	National	International
CME/CDE	1	--
Conferences	1	1
Workshops	5	--
Seminars	2	--

Books/chapters authored by faculty members:

Sl no	Name of the Book	Faculty members	Publisher
1	"Pharmaceutical Marketing Management"	Dr N Udupa, Director Research (Health Sciences), Manipal University and co-edited by Dr D Sreedhar, Associate Professor and Head, Department of Pharmaceutical Management was released by Dr Raveendranath Nayak, Director, School of Management, Manipal University	Manipal University Press
2	"Quality in Pharmaceutical Education Research and Practice -Vision 2020"	Dr N Udupa, Professor and Dr D Sreedhar, HOD, Dept of Pharmacy Management, MCOPS	Manipal University Press

Details of Research Grants:

Grants Received – 1,17,17,917.00 INR

Research Grants – Government Funded – 47,20,964.00 INR

Sl no	Project Name	Principal Investigator	Funding Agencies	Grants
1	Improving Therapeutic efficacy of Antifungal drugs using Marine Microbial Chitinase	Dr Subrahmanyam V M	DBT, New Delhi	695,850.00
2	Development of dendrimeric sunscreens containing polyphenols	Dr Srinivas Mutalik	DST, New Delhi	250,000.00
3	Development and Evaluation of Lipid Based delivery systems for Lymphatic targeting of Anti-HIV drugs – Quality by Design Approach	Dr Usha Y Nayak	DBT, New Delhi	364,000.00
4	Continuous process for economic production of effervescent preparations of aminoacids and other supplements (Phase-I)	Dr Srinivas Mutalik	BIRAC, New Delhi	124,000.00
5	Formulation and Evaluation of Lacidipine Nano Drug Delivery systems	Dr Shaila Lewis	AICTE, New Delhi	12809.00
6	Development of nanotechnology based drug delivery system for lipid lowering drugs	Dr Srinivas Mutalik	ICMR, New Delhi	237,600.00
7	Use of Social Media for seeking Health Related Information – A Survey and Policy Perspective	Dr Manthan D Janodia	ICSSR, New Delhi	400,000.00
8	Novel non ulcerogenic small molecules – Chemical synthesis and biological efficacy in chronic inflammatory disorders	Dr M K Unnikrishnan	Science and Engineering Research Board (SERB)	500,000.00
9	Improving Therapeutic efficacy of Antifungal drugs using Marine Microbial Chitinase	Dr Subrahmanyam V M	DBT, New Delhi	1,080,000.00

Sl no	Project Name	Principal Investigator	Funding Agencies	Grants
10	Development of novel quercetin analogues intended for selective HDAC-8 inhibition as beneficial anti-cancer agents	Dr C Mallikarjuna Rao	SERB, New Delhi	100,000.00
11	Assessing the Stability of drug loaded liposomes for a period of 6 months Protocol No IDBR/Mutalik/RO/18-06-2016 UTN 0616368	Dr Srinivas Mutalik	IDBR, Bengaluru	43,000.00
12	Isolation and Characterization of phytoconstituents from <i>Macrosolin parasiticus</i> (L) Danser and Evaluation of their in Vitro Cytotoxic activity on various cancer cell lines	Dr Richard Lobo	SERB, New Delhi	300,000.00
13	Assessing the stability of drugs loaded liposomes Protocol No IDBR/Mutalik/RO/18-06-2016 UTN 0616368	Dr Srinivas Mutalik	IDBR, Bengaluru	42,275.00
14	Project under Scheme of Career Award for Young Teachers	Dr Rekha Shenoy	AICTE, New Delhi	28,564.00
15	Project under Scheme of Career Award for Young Teachers	Dr Usha Nayak	AICTE, New Delhi	82,348.00
16	Development of dendrimeric sunscreens containing polyphenols	Dr Srinivas Mutalik	DST, New Delhi	400,000.00
17	Continuous process for economic production of effervescent preparations of amino acids and other supplements	Dr Srinivas Mutalik	BIRAC, New Delhi	60,518.00

Research Grants:
Non-government Funded –7,04,654.00 INR

Sl no	Project Name	Principal Investigator	Funding Agencies	Grants Received
1	Acute and sub-acute toxicity studies of finished products	Dr Mallikarjuna Rao	Umalaxmi organics Pvt Ltd, Jodhpur	59,131.00
2	Cytotoxicity study of sample for three cell lines	Dr KSR Pai, MCOPS	Dr Satyajit Singh, Amritsar Punjab	3,435.00
3	Evaluation of test extracts on diabetic complications	Dr Nandakumar/ Dr Niteshkumar	Karthikeyan, Al-Shifa College of Pharmacy, Kerala	30,330.00
4	Evaluation of test nono-formulations for its protective effect against DMH induced colon cancer model	Dr Nandakumar	Karthikeyan, Al-Shifa College of Pharmacy, Kerala	30,606.00
5	Cell Viability, cell cycle in MCF7, MDA-MB234 and anti-inflammatory study in RAW 264.7 Cell line	Dr Nandakumar/ Dr Anoopkumar	Karthikeyan, Al-Shifa College of Pharmacy, Kerala	35,475.00
6	Hepatoprotective Study of Umalaxmi Organics	Dr Mallikarjuna Rao/ Dr K Nandakumar	Umalaxmi Organics Pvt Ltd	43,523.00
7	Acute and sub-acute toxicity studies of Umalaxmi Organics			81,026.00
8	Analysis of samples for anticancer apoptotic studies	Dr K S R Pai	Dr Manjunath Bhat, Dept of Chemistry, Mangalore University	56,334.00
9	Evaluating the effect of Client's test formulation on AMPK activation in L6 myotubes	Dr Mallikarjuna Rao / Dr Anoop Kishore	Indus Biotech Pvt Ltd	22,379.00
10	Bone Marrow Derived Stem Cell conditioned media based Anti-wrinkle serum	Dr N Udupa	Stemputics Research Pvt Ltd	150,000.00

Sl no	Project Name	Principal Investigator	Funding Agencies	Grants Received
11	Acute toxicity studies of Jathiphala Choorna (Powder of Myristica fragrance)	Dr C Mallikarjuna Rao / Dr Nitesh Kumar	Dr Prathibha C K, Utkal University, Orrisa	8,539.00
12	Acute toxicity studies of Jathiphala Choorna (Powder of Myristica fragrance)	Dr C Mallikarjuna Rao/Dr Nitesh Kumar	Dr Prathibha C K, Utkal University, Orrisa	3,660.00
13	Preparation of Multiparticulate formulation and its evaluation on colon cancer model in rats	Dr Srinivas Mutalik and Dr Nandakumar	BLDAE's College of Pharmacy, Bijapur	25,000.00
14	Extraction preliminary phytochemical analysis acute toxicity and anticonvulsant study of test compounds	Dr K Nandakumar	Mr G L Viswanantha	17,791.00
15	Solubility enhancement of new chemical entity Protocol No ADVINUS/ Mutalik/ RO/16-09-2016	Dr Srinivas Mutalik	Advinus Therapeutics Limited	36,225.00
16	Manpower cost for the Project title Development of a specialization wise digital OPD platform and validation of drugs formulary		Nerve24 Technologies Pvt Ltd	32,200.00
17	Manpower cost for the Project title Center for twin screw processor (under center for drug delivery technologies at MCOPS)	Dr Srinivas Mutalik	Steer Life India Pvt Ltd	69,000.00

Travel Grants – 91,876.00 INR

Sl no	Project Name	Principal Investigator	Funding Agencies	Grants Received
1	Travel Grant	Ms Bhavana B Bhat	CICS, Chennai	19,200.00
2	Ms Renuka Suresh Managuli, - towards accommodation to attend Dubai International Pharmaceuticals and technologies Conference and Exhibition, held at Dubai UAE	Dr Srinivas Mutalik	CICS New Delhi	14,021.00
3	No 3/2/TG-65/HRD-2014(21) International Travel support to present a paper in the conference "World congress on Pharmacology" at Brisbane, Australia	Dr Usha Y Nayak	ICMR	58,655.00

Fellowship Grants –29,17,414.00 INR

Sl no	Principal investigator	Funding agencies	Grants received (INR)
1	Ms Sanchari Basu Mallik	DST, New Delhi	350,000.00
2	Mr Asim Priyendu	UGC, New Delhi	338,590.00
3	Mr Hitesh Jagani	CSIR, New Delhi	69,000.00
4	Ms Shilpee	CSIR, New Delhi	203,200.00
5	Ms Shoja M H	DST, New Delhi	495,200.00
6	Mr Anuraag Muralidharan	DST, New Delhi	380,000.00
7	Ms Sanchari Basu Mallik	DST, New Delhi	342,667.00
8	Ms Managuli Renuka Suresh	DST, New Delhi	349,157.00
9	Mr Devkar Raviraj	DST, New Delhi	389,600.00

Foreign Grants – 3,65,409.00 INR

Sl no	Project name	Principal investigator	Funding agencies	Grants received
1	Effect of Caffeine and Caffeic acid on LPS-induced behavioral despair in mice	Dr Jayesh Mudgal	Griffith University, Nathan, QLD 4111	100,900.00

Sl no	Project name	Principal investigator	Funding agencies	Grants received
2	Acute toxicity studies of a finished product provided in Swiss Albino Mice	Dr C Mallikarjuna Rao and Dr K NandaKumar	Dr N D Throat, Materials and Surface Science Institute, University Limerick, Ireland	13,214.00
3	Effect of statins on CMF chemotherapy induced cognitive impairment in mice	Dr Jayesh Mudgal	Griffith University, Gold Coast Campus, 170 Kessels Road, Nathan, QLD 4111	251,295.00

Seminar Grants – 40,000.00 INR

Sl no	Project Name	Principal investigator	Funding agencies	Grants received
1	Advanced Pharmaceutical Technologies and Dosage forms: Where dose India stand in the current global context?	Dept of Pharmaceutics	ICMR – Seminar Grant	40,000.00

Grants received by the Centres of Excellence – 1,04,56,000.00 INR

Sl no	Name of the Centre	Source of Funds	Item	Grants Received (INR)
1	Centre for Drug Delivery Technologies	Steerlife Inda Pvt Ltd	Twin Screw Excruder (O-Micron 10)	1,00,00,000.00
			Manpower	75,000.00
2	Centre for Toxicovigilance and Drug Safety	Nerve24 Technologies Pvt Ltd	Manpower	28,000.00
3	Centre for Drug Testing	Individuals/Industry	Drug Analysis and Drug Development charges	3,53,000.00

AICTE – GPAT Scholarship for M Pharm students – 28,77,600.00 INR
Awards/recognitions:
Institution:

Sl no	Name	Details	Date
1	NIRF Ranked No 1 Pharmacy Colleger	Ranked No 1 Pharmacy college in the first ever National Institutional Ranking Framework (NIRF) of the Union Human Resource Development Ministry	4 Apr 2016
2	MAPS is the only body in India to get IPSF MiA recognition	MAPS of MCOPS is the First organization in the country to be granted Membership in Association (MiA) recognition by the International Pharmaceutical Students' Federation (IPSF). MAPS was accorded membership during the 62nd IPSF General Assembly session held at Harare, Zimbabwe in August 2016. IPSF is one of world's oldest international student organization of pharmacy students and pharmacists and it represents more than 320000 pharmacy and pharmaceutical sciences students and recent graduates in 80 countries. Headquartered in The Hague in Netherlands, IPSF is associated with World Health Organization and United Nations Educational, Scientific and Cultural Organization and works closely with the International Pharmaceutical Federation (FIP).	

Faculty members:

Sl no	Name	Details	Date
1	Dr Girish Pai K, Assistant Professor- Selection Grade, Department of Pharmaceutics	First prize for scientific poster presentation in National Health Care Management Conference on "HEALTHCARE – Challenges and Potential Breakthroughs" held in SIESCOMS, Nerul, Navi Mumbai. The title of the presented paper was "Development and evaluation of ocular inserts of sodium cromoglycate using combination of few biodegradable safe polymers."	13 Feb 2016
2	Ms Ruchi Verma, Assistant Professor – Senior Scale, Department of Pharmaceutical Chemistry	Won Hat-trick of awards in the cooking competition during UTSAV (Annual fest of MU). She received the First prize for "make your own veggie dish" and 'Sweets and Desserts' and second prize for non-vegetarian cooking.	06 Apr 2016

Sl no	Name	Details	Date
3	Dr M Surulivel Rajan, Associate Professor, Department of Pharmacy Practice	Selected as a Postdoctoral Research Associate at University of North Texas System College of Pharmacy. Dr Rajan is working in Pharmacometrics to develop models for drug pharmacokinetics and pharmacodynamics to develop medication compliance model. The duration of the research assignment is for two years.	
4	Dr Rajesh V, Dr Sonal Sekhar M and Dr Suhaj A, faculty members, Department of Pharmacy Practice	Received ISPE Scholarship to attend the 32nd International Conference on Pharmaco-epidemiology and Therapeutic Risk Management (ICPE), Dublin, Ireland	25-28 Aug 2016
5	Dr Girish Pai K, Assistant Professor – Selection Grade, Department of Pharmaceutics and Dr Girish Thunga Assistant Professor - Senior Scale, Department of Pharmacy Practice	Nerve24, a Mumbai based integrated digital healthcare company confirmed the association of Dr Girish Pai K and Dr Girish, as Honorary Advisors. Dr Girish Pai K, facilitated the collaboration with Nerve24 and subsequently, Nerve24 entered into a strategic MoU with Manipal University in September 2016.	12 Dec 2016
6	Dr Vamshi Krishna T, Assistant Professor – Senior Scale, Department of Pharmaceutics	Successfully completed his post-doctoral research fellowship at Laboratory of Biomedical Vibrational Spectroscopy (LEVB), Instituto de Pesquisa e Desenvolvimento (IPandD), Universidade do Vale do Paraiba (UNIVAP), Brazil.	01 Aug 2015 – 20 Jul 2016
7	Dr Usha Y Nayak, Associate Professor, Department of Pharmaceutics	Received Prof V Subba Rao third prize for Excellence in National Level Power Point Presentation Competition 2016 organized by POWER-India on the occasion of 68th Indian Pharmaceutical Congress held at Andhra University, Visakhapatnam	16-18 Dec 2016
8	Ms Ruchi Verma, Assistant Professor- Senior Scale, Department of Pharmaceutical Chemistry	First prize in poster presentation in the International day of Yoga competition conducted by Division of Yoga, ICMR, Manipal	21 Jun 2016
9	Dr Usha Y Nayak, Associate Professor, Department of Pharmaceutics	Successfully completed all course requirements for Design of Experiments Training conducted and received Certificate of Excellence awarded 2-4 IACET Continuing Education Units for 24 hours of organized instruction	Feb 2016
10	Dr K Nandakumar, Associate Professor, Department of Pharmacology	Second prize in poster presentation for the paper, "Rutin Alleviates Doxorubicin-Induced Chemobrain in Mammary Cancer Rats" at APTICON at Manipal University, Manipal	14-16 Oct 2016
11	Dr Nitesh Kumar, Assistant Professor – Senior Scale, Department of Pharmacology	First prize in poster presentation for the paper, "Liposomes of Silymarin Increases in Vitro and In Vivo Hepatoprotection against Alcohol Induced Hepatotoxicity" at APTICON, at Manipal University, Manipal	14-16 Oct 2016
12	Dr Richard Lobo, Associate Professor, Department of Pharmacognosy, Mr Nilesh Gupta, Ms Nimmy Gupta, Mr Jay Kumar Bhagat and Ms Jessy Elizabeth Mathew, M Pharm students	Certificate of Merit to the Research paper in Dr P D Sethi Memorial Annual Award – 2015 for the paper entitled "Identity – based High-performance Thin Layer Chromatography Fingerprinting Profile and Tumor Inhibitory Potential of Anisochilus carnosus (L f) wall Against Ehrlich Ascites Carcinoma	
13	Dr Lalith Kumar, Dr Girish Pai K, Mrs Ruchi Verma, faculty members of MCOPS	First prize in Poster presentation in Pharmaceutical Technology category for the poster entitled "Polymeric Nanosuspension of Gefitinib: in vitro and in vivo characterizations" during the 68th Indian Pharmaceutical Congress (IPC) held at Visakhapatnam, A P	16 Dec 2016
14	Dr Virendra S Ligade, Assistant Professor – Selection Grade, Department of Pharmacy Management	Received Certified Sentinel of Science Award (Top 10 percent of reviewers) by Publons	

Sl no	Name	Details	Date
15	Dr Pradeep Muragundi, Assistant Professor – Selection Grade, Department of Pharmacy Management	Received “Sentinels of Science Awards” from Publons for being the top overall contributor to peer review in the field of Health Professions for the year 2015-16. This award includes a certificate and \$60 gift card	
16	Dr Suvarna G Kini, Associate Professor, Department of Pharmaceutical Chemistry	Received second prize in poster competition in Medicinal Chemistry section for the poster titled “Synthesis and Biological Evaluation of Novel Quinoline Carboxamide Analogues for Antimicrobial Activity” in APTICON–2016 held at Manipal University, Manipal	14-16 Oct 2016
17	Mr Swapnil J Dengale, Assistant Professor – Senior Scale, Department of Pharmaceutical Quality Assurance	Second prize for the Best Poster Presentation “Preparation, Solid State Characterization and In-vivo In-vitro Efficacy Assessment of Ritonavir: Lopinavir Co-Amorphous Systems” in APTICON–2016 held at Manipal University, Manipal	14-16 Oct 2016
18	Dr D Sreedhar, Head, Department of Pharmacy Management	Had been included as member of PhD Registration Committee member and attended a meeting on in Rajiv Gandhi University of Health Sciences (RGUHS)	25 Jul 2016
19	Dr Krishnamurthy Bhat, Professor and Head, Department of Pharmaceutical Quality Assurance	Co-investigator in a grant of research project “Thiopurine Therapy in inflammatory bowel disease-optimizing existing strategies”. The project is funded by Science and Engineering Research Board (SERB), Govt of India and the amount sanctioned is Rs 49,92,862.00. This study addresses certain key issues of thiopurine therapy in inflammatory bowel disease from a Pharmacokinetic and molecular perspective which translate directly to patient care. It seeks to evaluate the usefulness of measuring the concentrations of an extended profile of the thiopurine metabolites at defined time points and activity of the enzymes TPMT and IT Pase involved in thiopurine metabolism in order to correlate these with the efficacy and adverse events so as to bring out either to unexplained association, thus personalizing the therapy.	
20	Mr P V R Chowdary, Reader, Department of Pharmaceutical Chemistry	Good Teacher Award for the academic year 2015-16 among the teachers of III and IV year B Pharm Programs.	12 Feb 2016
21	Dr Angel Treasa Alex, Assistant Professor – Senior Scale, Department of Pharmaceutical Biotechnology	Good Teacher Award for the academic year 2015-16 among the teachers of I and II year B Pharm Programs	12 Feb 2016
22	Dr Vijaya Bhasker K, Assistant Professor – Selection Grade, Department of Pharmaceutical Chemistry	Good Teacher Award for the academic year 2015-16 among the teachers of Pharm D Program	12 Feb 2016
23	Dr J Venkata Rao, Professor and HOD, Department of Pharmaceutical Biotechnology	Teacher of the Year Award for the academic year 2014-15	12 Feb 2016
24	Dr Rekha R Shenoy, Associate Professor, Department of pharmacology and Dr Manthan D Janodia, Associate Professor, Department of Pharmacy Management	Distinguished Alumni Awardees 2015	12 Feb 2016
25	Dr Yogendra Nayak, Associate Professor, Department of Pharmacology	Best Audio-Visual teaching material for the academic year 2014-15	12 Feb 2016

Sl no	Name	Details	Date
26	Dr Swapnil J Dengale, Assistant Professor, Department of Pharmaceutical Quality Assurance	Dr TMA Pai Gold Medal for outstanding research	12 Feb 2016
27	Dr N Gopalan Kutty, Professor, Department of Pharmacology	Life Time Achievement Award	12 Feb 2016

Students:

Sl no	Name	Details	Date
1	Mr Kiran Avadhani Mr Prateek Jain Mr Alkesh Kumar Lokhande Mr Mradul Tiwari Ms Jyothsna M Ms Managuli Renuka Suresh Ms Aswathi R Hegde Mr Amol Baban Khade Mr P Picheswara Rao Ms Bisaka Roy	Travel/Contingency Grant Awards	12 Feb 2016
2	Ms Srilekha, Fourth year BPharm	Participated in the "International Youth Summit" conducted in Trivandrum	27-29 Jan 2016
3	Ms Aswathi R Hegde, Research Scholar, Department of Pharmaceutics	First prize for a poster entitled "Development and Evaluation of Dendrimeric Prodrugs of Ketoprofen: Effect of Passive Diffusion, Sonophoresis and Iontophoresis" at the ICMR sponsored National Seminar on "Advanced Pharmaceutical Technologies and Dosage Forms: Where does India stand in the current global context?" held at MCOPS, Manipal	18-19 Mar 2016
4	Ms Jyothsna M, Research Scholar, Department of Pharmaceutics	Second prize for a poster entitled "Combination of PAMAM Dendrimers and Ultrasound: Synergism in Transdermal Delivery of a Bioactive Molecule" at the ICMR sponsored National Seminar on "Advanced Pharmaceutical Technologies and Dosage Forms: Where does India stand in the current global context?" held at MCOPS, Manipal	18-19 Mar 2016
5	Mr Vivek Ghate Research Scholar, Department of Pharmaceutics	Second prize for a poster entitled "Investigation and Optimization of Formulation Parameters on Preparation of Tretinoin Loaded Nanostructured Lipid Carriers" in the ICMR sponsored National Seminar on the theme "Advanced Pharmaceutical Technologies and Dosage Forms: Where does India Stand in the Current Global Context?" held at Manipal College of Pharmaceutical Sciences, Manipal University, Manipal	18-19 Mar 2016
6	Ms Sangeetha Iyer and Mr Munawar Peringadi Vayalil, Fifth year PharmD	Attended Euro Heart Care – 2016, Annual Congress organized by Council on Cardiovascular Nursing and Allied Professions (CCNAP) of European Society of Cardiology (ESC) and Hellenic Society of Cardiovascular Nursing which was held at Athens, Greece	15-16 Apr 2016
7	Ms Jyothsna Manikkath, Mr Subhankar Biswas and Mr Mradul Tiwari, Research Scholars	Selected to participate in Novartis India BioCamp- 2016 held in Hyderabad. Over fifty students across the country, from disciplines of Pharmacy, Life Sciences, Medicine, Human Resources, Marketing and Statistics were selected by Novartis Biotechnology Leadership Camp 2016. Subhankar Biswas emerged as team winner in case study presentations	17-20 Jul 2016
8	Ms Srujitha Marupuru, PharmD Intern	Won the first prize for the poster titled "Development and Evaluation of Onconurse Practice-A Smartphone Application for Oncology Nurses" in the Conference on Technological Applications in Healthcare (TAHCON-2016) held at Manipal University, Manipal	17-18 Sep 2016

Sl no	Name	Details	Date
9	Mr Ashtosh Sinha and Ms Shivani Karnik of second year BPharm	Received Certificate of Appreciation in the M V Kamath Memorial National Parliamentary Debate Tournament, Pro Verb 16 and has been awarded the position of Semi Finalist. The tournament was organized by School of Communication, Manipal University	16-18 Sep 2016
10	Mr Koteswara Ananthamurthy, Research Scholar, Department of Pharmaceutical Biotechnology	Second prize in poster presentation in APTICON at Manipal University, Manipal coauthored by Dr V M Subrahmanyam and Dr H Raghu Chandrashekhar	14-16 Oct 2016
11	Ms Sanchari Basu Mallik, Research Scholar, Department of Pharmacology	First Prize for the oral presentation entitled "Study of In-Vivo Protective Effect of Sodium Valproate against Chemotherapy Induced Cognitive Dysfunction" at APTICON at Manipal University, Manipal	14-16 Oct 2016
12	Ms Navya Sree K S, Research Scholar,	First prize for the poster titled "Polymeric nanosuspension of grefitinib: In vitro and In vivo characterization" (A-262, Section: Pharmaceutical Technology) in 68th Indian Pharmaceutical Congress at Visakhapatnam, Andhra Pradesh.	16-18 Dec 2016
13	Mr Saketh Reddy R, Second year MPharm, Department of Pharmaceutics	First prize for the poster titled "Formulation and optimization of fast dissolving films of Atenolol using maltodextrin" (A-659, Section: Pharmaceutical Technology) in 68th Indian Pharmaceutical Congress at Visakhapatnam, Andhra Pradesh	16-18 Dec 2016
14	Ms Sindhuja, Fourth PharmD	Won the first prize for the poster entitled "Assessment of quality of life in non-metastatic breast cancer patients in tertiary hospitals before and after chemotherapy" (H-186, Section: Hospital Pharmacy) in 68th Indian Pharmaceutical Congress at Visakhapatnam, Andhra Pradesh	16-18 Dec 2016
15	Ms Lonita Lobo, Second year MPharm, Department of Quality Assurance	Won the second prize for the poster titled "Bioanalytical method development and validation of Naproxen" (F-140, Section: Pharmaceutical Analysis and Quality Assurance) in 68th Indian Pharmaceutical Congress at Visakhapatnam, Andhra Pradesh	16-18 Dec 2016
16	Mrs Bhavana B Bhat, Research Scholar, Department of Pharmacy Management	Presented a research abstract on "ECONOMIC IMPACT OF ADRs: A PUBMED BASED STUDY" in 68th Indian Pharmaceutical Congress, Vishakapatnam	16-18 Dec 2016
17	Ms Navya Sree K S, Research Scholar, Department of Pharmaceutical Quality Assurance	First prize for the poster presentation "Preparation and characterization of Valsartan nanoparticles" in 68th Indian Pharmaceutical Congress at Visakhapatnam, Andhra Pradesh	16-18 Dec 2016
18	Mr Grandhi V Ramalingayya, Mr Pawan G Nayak, Ms Shilpee, Mr Devkar Raviraj Anand, Mr Subhankar Biswas, Research Scholars, and Mr Mopidevi Venkata Srikanth of M Pharm and Ms Swastika Maity, Mr Sachin Kumar V K, Ms Desaraju Sushmita, Ms Tanya Sinha and Mr Arbind Kumar Mandal of B Pharm	Incentive Award	

Staff:

Sl no	Name	Details	Date
1	Mr Sudhakar Poojary, Laboratory Technician, Department of Pharmacology	Supporting Staff of the Year Award for the academic year 2015-16	12 Feb 2016

Photo archive of important events:



Annual Day



CPCON



Athlos 2015-16



NIRF Ranking



NIRF Certificate



One Day Seminar on Thrust Areas



QIP | Jan 18-31, 2016



Walkathon

MANIPAL COLLEGE OF DENTAL SCIENCES

Madhav Nagar, Manipal – 576 104

Phone Number: 0820-2922340

Email- Office: office.cods@manipal.edu Dean: nirmala.rao@manipal.edu



Dean: Dr Nirmala N Rao

Established: 1965

Programs/Courses offered:

- BDS
- MDS in
 - Prosthodontics and Crown and Bridge
 - Periodontology
 - Oral and Maxillofacial Surgery
 - Conservative Dentistry and Endodontics
 - Orthodontics and Dentofacial Orthopaedics
 - Oral Pathology and Microbiology
 - Public Health Dentistry
- Paedodontics and Preventive Dentistry
- Oral Medicine and Radiology
- Post Graduate Diploma in Dental Materials
- Advanced certificate course in Oral Implantology
- Advanced certificate course in Aesthetic Dentistry
- Advanced certificate course in Lasers Dentistry
- Dental Mechanic course
- Dental Hygienist course

About institution:

Manipal College of Dental Sciences (MCOADS), Manipal, was originally founded as College of Dental Surgery in 1965. Today MCOADS, Manipal, is one of the best-equipped dental colleges in the country, engaged in oral healthcare education, research, patient care and community services.

- Ranked as No 1 Dental College in India (Source: The Week Ranking: 2014, 2015, 2016).
- Ranked as No 1 Dental College in India (Source: Outlook Ranking: 2009, 2010, 2011).
- Ranked No 2 (Source: Outlook ranking 2012, 2013, 2014, 2015, 2016).
- The college has state-of-the-art clinical facilities with advanced training in Aesthetic Dentistry, Implant Dentistry, Laser application and integrated photography in dentistry.
- The preclinical simulation laboratories offer cutting edge facility to develop practical dental skills.
- The clinical facilities offer full range of dental services for both generalized and specialized dental treatment needs.
- State-of-the-art Phantom Heads Lab and Ceramic Lab.
- Recognized by the Malaysian Dental Council since 2004.

Institutional activities/curricular activities:
New initiatives:

Sl no	Activity	Particulars
1	MoU with Boston University	MCODS signed a Memorandum of Understanding on 6 Feb 2016 with Boston University through Henry M Goldman Schools of Dental Medicine (BUGSDM) to promote mutual understanding, and to contribute to the advancement and progress of dental education and science through educational and academic collaboration and exchanges of mutual interest and benefit. The universities have agreed to send four students and a faculty member as team leader for two-week rotations. The BUGSDM rotation is expected to begin in September of each academic year and that of MCODES will begin between 1 Jun and 15 Aug of each academic year.
2	International Conference facilities for undergraduate students	MCODES, Manipal, sponsored the winners of SRF-RISE to attend an International Conference, "Impaction-III" at MMMC, Melaka, Malaysia and present posters at e-poster competition.
3	Full Mouth Implant Rehabilitation Centre	Caters to provide Full mouth rehabilitation using Implants
4	Inauguration of "Kinder Care"	The aim of this initiative is to provide counselling and anticipatory guidance to expectant mothers and new parents about oral developmental milestones and sound oral health related behaviours to safeguard oral health of the child. An educative booklet "smiling mums and laughing babies" was also released on this occasion. This initiative is in line with the theme of Indian Society of Paedodontics and Preventive Dentistry for the year 2016 "Healthy mother, smiling child."
5	MIDST 2016	A 10 day summer training program aimed at providing international dental students a glimpse into dentistry as practiced in India.
6	Tobacco Cessation Clinic	The established Tobacco Cessation Clinic has started functioning biweekly on Thursday and Saturday, from August 2016.
7	Meet the Expert -Seminar series	Aimed to bring alumni back to alma mater and enhance student alumni interaction. This concept resulted in the genesis of an innovative program "Meet the Experts", consisting of six continuing professional development programs in the form of seminars over six consecutive months
8	Inauguration of the OPD Annexe	Mr Pramod Madwaraj, Minister for Youth Affairs, Sports and Fisheries, and District in-charge Minister – Udupi, inaugurated the OPD Annex of Manipal College of Dental Sciences. The 29,562 square feet facility is housed on two floors with provision of hi-tech dental chairs, mini-libraries, computer terminals, seminar halls with modern audio-visual aids and faculty chambers. A comprehensive range of modern dental equipment such as the Piezosurgery unit, Surgical Operating microscope, Iontophoresis kit, Vista scan, Soft tissue and hard tissue lasers [Erbium], Ultrasonic Endodontics amongst others, have been instituted to provide exceptional dental care.

All other activities in the department relating to the program/course:

Sl no	Activity	Particulars
1	Oral hygiene day celebrations – 1 Aug 2016	The Department of Periodontology celebrated "Oral Hygiene Day" to commemorate the birth anniversary of Dr G B Shankwalkar, the pioneer of Periodontology in India. On this day Dr Ashok Shetty, a consultant dermatologist and deputy director at the Bhakti Vedantha hospital and research institute delivered a lecture on "Medical Ethics – Welfare not Warfare"
2	Periodontology Postgraduate Alumni meet on 24 Mar 2016	The presence renowned alumni such as Dr BRR Varma, Dr T R Gururaja Rao, Dr Dilip Nayak and Senior Professor Dr S R Prabhu glorified the Alumni meet of department of Periodontology. Dr Sukhchain Bagga and Dr Neeraj Deshpande, delivered lectures on "Periodontal Plastic Surgery" and "Non-surgical Periodontal Therapy" respectively, on this occasion.

Sl no	Activity	Particulars
3	Pharmacotherapeutics in Plaque Control on 17 Feb 2016	The Department of Periodontology organized this program in association with the Himalaya Drug Company Ltd. Dr D Sreedhar, Associate Professor and Head of the Department of Pharmacy Management, delivered lecture on "Clinical trials and Clinical Trial registry-India, Role of Phytopharmaceuticals in dentistry." Dr Vaheed, Manager of scientific services, Himalaya Drug Company, and Dr Arun Kumar M S, Professor in the Department of Periodontology, Yenepoya College of Dental Sciences, Mangalore spoke on the topic "Chemical Plaque Control – Is it an Absolute Necessity?"
4	Tobacco Cessation Clinic - Tobacco Free Grama panchayat.	Initiative started to make a village named Varambally, in Udupi Taluk, a role model tobacco free grama panchayat over the next 24 months in alliance with related support groups and organizations. Model: Weekly visit
5	KH-OPD Health Awareness Program	Patient referral program from Kasturba Hospital for free treatment at the comprehensive clinic of MCOADS.
6	Research methodology workshop for PGs	A lecture series for first year PG's about research methodology and protocol writing.
7	Lectures in Behavioural Sciences for first year BDS students	Orientation lectures in the field of Behavioural Sciences, including Psychology, Sociology and culture has been started to enable a better understanding.
8	Lectures in Research methodology for second year BDS students	Topics and Planning to start Research methodology for Second year BDS students to enable a better understanding of how to conduct the research.
9	Science day celebrations held on 28 Feb 2016	Free oral health check for students on National Science Day by department of Paedodontics and Preventive Dentistry, MCOADS, Manipal celebrated National Science Day on 28 Feb 2016 by providing oral health check up to students and giving them free health cards for treatment. Dr Deepika Pai, Associate Professor, and Dr Mariam Sophia, Lecturer, supervised the event in which 174 children and 24 teachers from 11 schools in and around Udupi and Manipal took part.
10	Children's Day celebration	Quiz and drawing competition for school children.
11	Paedodontist's Day – 12 Nov 2016	"Art and Quiz competition" A half-day program was organized by Department of Paedodontics and Preventive Dentistry, MCOADS, Manipal, on the occasion of Paedodontist day. A total number of 15 schools participated in the program.
12	Student Research Forum- RISE 19 Oct 2016	MCOADS Student Research Forum Organized Research and Innovation for Student Empowerment (RISE) marking the first anniversary of this student body. The event aimed at encouraging the research culture amongst students.
13	Major OT case observations	Final BDS students were allowed to observe the Major OT cases under general anaesthesia.
14	Cadaveric dissection classes	First year postgraduates attended two Cadaveric dissection classes held at MMMC Manipal
15	Continuing professional development programs	1) "Pedodontia – III," "Expertise to Exercise", conducted by department of Paedodontics 2) "Spectrum 16 – Capturing Beautiful Smiles"; Department of Conservative Dentistry and Endodontics conducted a workshop on Dental Photography on 22 and 23 Jan 2016. Dr Mayur Davda, President and CEO of Dental Photography School (Pioneers of Dental Photography Training and Research India) and Director of The Dental Education were the resource person for the workshop. 3) "The Erudite practitioner" was conducted by Department of Orthodontics and Dentofacial Orthopaedics on 5 Jan 2016. Dr Jayaram Mailankody, Retired Prof of Orthodontics, GDC Calicut was the resource person.

Sl no	Activity	Particulars
	Continuing professional development programs	4) The Department of Oral Pathology and Microbiology and the student research forum of Manipal College of Dental Sciences, Manipal on 6 Sep 2016, organized Collaborative Research Engagement for Students with Talents (CREST). This is an initiative to empower students and nurture their research talents. The resource persons for the scientific program were Prof Paul M Speight, and Dr Keith David Hunter, from the Department of oral and maxillofacial pathology, School of clinical dentistry, University of Sheffield and Dr K Sathyamurthy, Director, Manipal School of life sciences. The scientific sessions were "Steel city research" (Dr Keith Hunter), "DNA methylation in oral cancer (Dr K Satyamurthy) and "WHO classification of Odontogenic tumours – what is new" (Dr Paul Speight).
16	Observership by International Students at Manipal College of Dental Sciences, Manipal	1) Ms Dhruvvi Devji, University of Birmingham, UK; 4-15 Jul 2016 2) Ms Kathryn, University of Iowa, USA; 7 Nov-9 Dec 2016
17	Observership by our students in International University	Ashna Khera, NYU, Dentistry; 25 Jul-5 Aug 2016
18	Freedom Fortnight Celebration - 23 Aug 2016	To commemorate 70 years of freedom, we celebrated "Freedom Fortnight- zara yaad karo qurbaani". An essay writing competition and slogans on "Independent India" was conducted. Prof Varadesh Hiregange, Director of Gandhian Peace studies in Manipal addressed the crowd on "Freedom through the years".
19	The Swachh Bharat Pakhwada - 15 Nov 2016.	On the occasion of Swachh Bharat Abhiyan, drawing competition was conducted in different schools. An interesting "jugalbandi" by Akanksha Roy and Akanksha Shukla on Swachh Bharat Abhiyan was conducted and Rituparna and Afreen educated the audience about the history, significance and methods of "Hospital Waste Management."
20	Rashtriya Ekta Diwas - 3 Nov 2016	In the honour of Sardar Vallabhai Patel, a leading Indian freedom fighter and one of the founding fathers of the Republic of India, his birthday, the 31 Oct is celebrated as Rashtriya Ekta Diwas. The students of MCOADS organized Walkathon and gave vision to the popular slogan "Unity in Diversity."
21	Daan Utsav 2016 - 6 Oct 2016	An oral hygiene awareness project "Brush – The Milky Way" was conducted under the umbrella of Daan Utsav, which was celebrated from 2-8 Oct 2016.

Details of guest visit:

Guest lectures:

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
1	Dr Neeraj Deshpande	Department of Periodontics, Sumandeep Vidyapeeth, Vadodara.	K M Shah Dental College, Vadodara	Guest lecture	24 Mar 2016
2	Dr Suckhchain Bagga	Private Practitioner	-	Guest lecture	24 Mar 2016
3	Dr Ashok Shetty	Bhakti Vedanta Hospital and Research Institute	Bhakti Vedanta Hospital and Research Institute	Guest lecture	1 Aug 2016
4	Dr Jayaram Mailankody	Retired Prof of Orthodontics, GDC Calicut	-	CPD Program - The Erudite Practitioner	5 Jan 2016
5	Dr Vivek Hegde	Maharashtra University of Health Sciences.	M A Rangoonwala College of Dental Sciences and Research Centre	Guest Lecture	16 Jan 2016
6	Dr R S Mohan	SRM University, Chennai	SRM Dental College	Aesthetics – A New Dimension	24 Oct 2016

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
7	Dr Kidyoor	RGUHS	PMNM Dental College and Hospital, Bagalkot	Resource Person – Meet the Expert – Seminar series	28 Nov 2016
8	Dr Sanket	-	Director at Inspire Dental LLP and Key Opinion Leader with Sybron endo company	Resource Person – Meet the Expert – Seminar series	20 Dec 2016

Details of publications:

National		International	
Indexed	Non-Indexed	Indexed	Non-Indexed
32	6	88	9

Conferences attended by institution faculty members and students:

	National	International
Faculty members - Total	52	31
Students – Total	50	5

Details of conferences/workshops conducted by the institution:

Particulars	National	International
CME/CDE	6	--
Workshops	1	--
Seminars	3	--

Books/chapters authored by faculty members:

Sl no	Name of the Book	Chapter/s name	Faculty members	Publisher
1	Infection control in dentistry	--	Dr Siddharth Mehta	Lambert Academic Publishing
2	Metabolism and Toxicity of fluorides	--	Dr Ritesh Singla and Dr Nishu Singla	Lambert Academic Publishing
3	Text book of Oral Pathology - Shafer	Chapter - Dental Caries	Dr Raghu AR	-

Details of Research grants:

Sl no	Project Name	Principal Investigator	Funding Agencies	Total Grants Received
1	Salivary Biomarker and Cytomorphometry in detection of oral Squamous Cell carcinoma	Dr Deepika Rathna M and Dr Monica C Solomon	Clementia Biotech	ELISA Kit – Rs 50,000
2	Salivary DNA methylation markers for early detection of Oral cancer	Dr Adarsh Kudva	Royal College of Surgeon Edinburgh	10000 POUNDS
3	Effect of Cissus Quadrangularis in Healing of facial trauma	Dr Chithra	Aksigen hospital care	Rs 13,000
4	Evaluation of cortisol concentration in saliva and its correlation with haemodynamic parameters as a measure of stress during minor oral surgical procedures	Dr G Srikanth	Udupi Pharmaceuticals	Rs 19,000
5	Comparative evaluation of erosive potential of fortified and non-fortified fruit juices: an in-vitro study	Dr Priyanka Dedhia/ Dr Deepika Pai	Institutional Grant	Rs 10,000

Sl no	Project Name	Principal Investigator	Funding Agencies	Total Grants Received
6	Effects of laser assisted fluoride therapy with diode laser and Er,Cr:YSGG Laser on enamel of primary teeth - An invitro study	Dr Praveenkanth Reddy/Dr Rashmi Nayak	Institutional Grant	Rs 10,000
7	An invitro comparison of shear bond strength of light cure mineral trioxide aggregate and light cure calcium hydroxide with nano filled composite	Dr Anu/Dr Deepika/Dr Sumit	Institutional Grant	Rs 10,000
8	A comparative evaluation of the effect of chewing gums containing probiotic bacteria CPP-ACP and Xylitol on salivary streptococcus mutans counts in children – a randomised control trial	Dr Kanwardeep, Dr Sridhar/Dr Mridula	Biogaia, Sweden Institutional Grant	Rs 89,000 Rs 10,000
9	Prevalence of early childhood caries and associated risk factors among two to five-year-old anganwadi children of Udupi District – A case control study	Dr Soundariya K Dr Rashmi Nayak/Dr Saurabh Kumar	Institutional Grant	Rs 10,000
10	Fracture resistance of teeth obturated with two different types of mineral trioxide aggregate cements.	Dr Vasudev Ballal	Bio MTA Korea	Rs 1,58,120
11	Study on molecular pulp diagnostics in dental caries	Dr Vasudev Ballal	University of Zurich	Rs 3,37,781
12	Effect of two finishing file in smear layer removal	Dr Vasudev Ballal	Engineered Endodontics, USA	Rs 2,010
13	Evaluation of two different types of Mineral trioxide aggregate cements as direct pulp capping agents in human teeth.	Dr Vasudev Ballal	Bio MTA Korea	Rs 25,000

Awards/recognitions

Institution:

Sl no	Name	Details	Date
1	Dr Vasudev Ballal	TMA Pai Gold medal for outstanding research for 2015 – Manipal College of Dental Sciences, Manipal University, Manipal	23 Apr 2016
2	Dr Shashi Rashmi	Excellence in teaching award	23 Apr 2016
3	Dr Sandya Kini	Excellence in teaching award	23 Apr 2016
4	Dr Keerthilatha Pai	Excellence in teaching award	23 Apr 2016
5	Dr Vineetha R	Excellence in teaching award	23 Apr 2016
6	Dr Shruthi Acharya	Excellence in teaching award	23 Apr 2016
7	Dr G Subraya Bhat	Excellence in teaching award	23 Apr 2016
8	Dr Jothi Varghese	Excellence in teaching award	23 Apr 2016
9	Dr Siddharth Mehta	Excellence in teaching award	23 Apr 2016
10	Dr Abhay Kamath	Excellence in teaching award	23 Apr 2016
11	Dr Srikanth G	Excellence in teaching award	23 Apr 2016
12	Dr Adarsh Kudva	Excellence in teaching award	23 Apr 2016
13	Dr Aparna I N	Excellence in teaching award	23 Apr 2016
14	Dr Pradeep S	Excellence in teaching award	23 Apr 2016
15	Dr Lokendra Gupta	Excellence in teaching award	23 Apr 2016

Faculty members:

Sl no	Name	Details	Date
1	Dr Pratibha P K	Best Paper award at the 38th Asia Pacific Dental Congress, Hong Kong	16–19 Jun 2016
2	Dr Siddharth Mehta	First prize for logo designing for tobacco cessation clinic	31 May 2016
3	Dr Siddharth Mehta	First prize at First ICHEOR conference	14 Dec 2016

Sl no	Name	Details	Date
4	Dr Adarsh Kudva	MOMS RCSEd from Royal College of Edinburgh	18 Mar 2016
5	Dr Adarsh Kudva	FIBCSOMS from international board for certification of specialists in oral and maxillofacial surgery	25 Nov 2016
6	Dr K M Cariappa	FDS RCPS Glasgow	26 Jan 2016
7	Dr Swathi Pai	Best Poster – Dental Insurances in India at ICHEOR, Manipal	14 Dec 2016
8	Dr Raghu AR	Dr Raghu AR Guest lecture at CDE program “LECTURE SERIES III” organized by Department of Oral Pathology and Microbiology at MAHE institute of Dental Sciences, Mahe	25 Jan 2016
9	Dr Chetana Chandrashekar	Dr Chetana Chandrashekar Guest lecture at CDE program “Lecture Series III” organized by Department of Oral Pathology and Microbiology MAHE institute of Dental Sciences, Mahe	25 Jan 2016
10	Dr Nirmala N Rao	Dr Nirmala N Rao delivered a guest lecture “Immunohistochemistry for oral lesions” at the Continuing Professional development program “Immunohistochemistry an advice” that was conducted by KVG Dental College Sullia	18 Feb 2016
11	Dr Monica C Solomon	Dr Monica Charlotte Solomon visited the Department of Oral Pathology and Diagnostic Sciences at the Louisiana state university, School of Dentistry, at New Orleans.	20 Apr 2016
12	Dr Monica C Solomon	Dr Monica Charlotte Solomon visited the Department of oral pathology at Baylor College of Dental Sciences, Dallas, Texas, USA and delivered a guest lecture “Molecular profiling of oral squamous cell carcinomas – An institutional experience”	29 Apr 2016
13	Dr Raghu A R	Dr Raghu Radhakrishnan presented a guest lecture “Retinoid Chemoprevention on oral leukoplakias” at the Piracicaba dental school, University of Campinas, Brazil	1 Jul 2016
14	Dr Raghu A R	Dr Raghu Radhakrishnan was a resource person to the “Second National and Eighth Regional Slide Seminar and Workshop on cell culture” at KLE VK Institute of Dental Sciences, Belgavi. He delivered a lecture titled “Adding a third dimension to cell culture”.	19–20 Aug 2016
15	Dr Raghu A R	Dr Raghu Radhakrishnan deliver keynote address on “Cell Culture” at KLE VK Institute of Dental Sciences Belagavi	20 Aug 2016
16	Dr Monica C Solomon	Dr Monica C Solomon for chairing, judging and being a Rapporteur in the Scientific Session “Eighteenth IAOP –XXXV IAOMP” Chennai, India	11 Sep 2016
17	Dr Nirmala N Rao	Dr Nirmala N Rao for chairing, judging and being a Rapporteur in the Scientific Session “Eighteenth IAOP –XXXV IAOMP” Chennai, India	11 Sep 2016
18	Dr Raghu A R	Dr Raghu A R for chairing, judging and being a Rapporteur in the Scientific Session “Eighteenth IAOP –XXXV IAOMP” Chennai, India.	11 Sep 2016
19	Dr Sunitha Carnelio	Dr Sunitha Carnelio for chairing, judging and being a Rapporteur in the Scientific Session “Eighteenth IAOP –XXXV IAOMP” Chennai, India.	11 Sep 2016
20	Dr Sumit Gaur	Best Paper award KSDC Conference at Hubli.	11 Dec 2016
21	Dr Swathi Pai	First prize in Javelin throw, Dentathlon	26 Dec 2016

Students:

Sl no	Name	Details	Date
1	Dr Jyotsna	Dharwad – poster presentation - second prize	10 Mar 2016
2	Dr Gayatri	First prize in poster presentation at fourth KPS, Dharwad	5 Mar 2016
3	Dr Parampreet	Best paper award in poster presentation at Fourth KPS, Dharwad	1–4 Dec 2016

Sl no	Name	Details	Date
4	Dr Saumya	Best paper award in poster presentation at Fourth KPS, Dharwad	1-4 Dec 2016
5	Dr Archit and Sushma	First prize for paper presentation "CAD-CAM assisted auricular prosthesis for a quick, precise and more retentive prosthesis: A case report" at 44th IPS Mumbai, 2016	1-4 Dec 2016
6	Dr Anasua	Second prize for paper presentation titled "An innovative method of reinstating the confidence of a visually compromised patient" at 44th IPS Mumbai	1-4 Dec 2016
7	Dr Shehla Dr Swastika	First prize in Poster - "less is more" - concept in endodontics at 31st IACDE and 24th national conference, Kolkata	9-13 Nov 2016
8	Dr Poornika Dr Shruti	First prize in Poster - nano revolution future of the dwarfs at 31st IACDE and 24th national conference, Kolkata	9-13 Nov 2016
9	Dr Ruchi	Best paper - effect of irrigants on the post obturation apical seal following intracanal irrigation with maleic acid and a combination of EDTA and chlorhexidine at seventeenth ISDR conference, Lucknow	9-11 Dec 2016
10	Dr Riddhi	Best paper - To compare and evaluate the effect of maleic acid and a combination of EDTA and chlorhexidine on root end filling restored with Biodentine - A microleakage study at IACDE PG convention, Bhopal	1-3 Apr 2016
11	Dr Budhaditya Paul	"Assessment of ciliary motility and Nasal Mucociliary Clearance (NMC) using Methylene Blue dye amongst cigarette smokers and non-smokers." Presented at XXI IAPHD conference, Bhubaneshwar – Best Paper Award	18 Nov 2016
12	Dr Kalaiselvi Vinayagamoorthy	"Dental caries and its impact on family among 12-15-year-old school children of Udupi taluk." Presented at XXI IAPHD conference, Bhubaneshwar - Best Paper award	17 Nov 2016
13	Ms Akansksha Roy	Student Plaque Award – 2016. International College of Dentists (ICD) Section – VI (India, Sri Lanka and Nepal Section) Honours the Outstanding Achievement during her years of Dental Study at MCOADS, Manipal	18 Dec 2016
14	Mr Arron Lim	Highest aggregate in Prosthodontics. ICD Section – VI (India, Sri Lanka and Nepal Section) Honours the Outstanding Achievement during her years of Dental Study at MCOADS, Manipal	18 Dec 2016
15	Ms Jue ning Khoo	Highest aggregate in Prosthodontics. ICD Section – VI (India, Sri Lanka and Nepal Section) Honours the Outstanding Achievement during her years of Dental Study at MCOADS, Manipal	18 Dec 2016
16	Dr Evit Rajan John	Short Term Student Research Grant IDA Karnataka State Branch during 2016 under the guidance of Dr Vasudev Ballal for the Project entitled "Micro crack propagation in root canal dentin after the use of Reciproc and Wave One rotary systems"	2016
17	Mr Balram Kadaikal	Short Term Student Research Grant IDA Karnataka State Branch during 2016 under the guidance of Dr Vasudev Ballal for the Project entitled "Micro crack propagation in root canal dentin after the use of Reciproc and Wave One rotary systems"	2016
18	Ms Shreya Manocha	Short Term Student Research Grant IDA Karnataka State Branch during 2016 under the guidance of Dr Vasudev Ballal for the Project entitled "Micro crack propagation in root canal dentin after the use of Reciproc and Wave One rotary systems."	2016
19	Dr Dhara	Cricket	14 Nov 2016
20	Dr Jyotsna	Basket ball	15 Nov 2016

Photo archive of important events:



MoU Signing between Boston University and Manipal College of Dental Sciences, Manipal



Photo 4 - Dr Keith David Hunter, Reader of Department of Oral and Maxillofacial Pathology, School of clinical dentistry, University of Sheffield, UK delivered a guest lecture "Steel City Research" during CREST that was conducted on 6 Sep 2016



Photo 2 – Inauguration of Kinder Care



Photo 7 – Student Research Forum – Research and Innovation for Student Empowerment (SRF – RISE)



Photo 5 – Daan Utsav – Brush the Milky Way



Photo 8 – Dr Monica Charlotte Solomon visited Baylor College of Dentistry at Dallas, Texas, USA on 29 Apr and delivered a talk "Molecular Profile of Oral Squamous Cell Carcinoma – An Institutional Experience"



Photo 6 – Dr Kediyoor, Meet the Experts – Seminar Series



Photo 9 – Manipal International Dental Summer Training (MIDST) 2016



Photo 11 – Walkathon – Rashtriya Ekta Diwas

WELCOMGROUP GRADUATE SCHOOL OF HOTEL ADMINISTRATION

Fortune Inn Valley View, Manipal - 576 104

Phone Number: 0820-2571 101 (Ext 23226)

Email-Office: office.wgsha@manipal.edu, Principal: pg.wgsha@manipal.edu



Name of Principal: Prof Parvadhavardhini Gopalakrishnan
Established: 1986

Programs:

- Bachelor of Hotel Management (BHM)

About institution:

Welcomgroup Graduate School of Hotel Administration (WGSHA) is a constituent college of Manipal University, Manipal. Established in 1986 as a unit of Dr TMA Pai Foundation, in 1987, the Foundation joined hands with the Hotels Division of ITC Ltd. WGSHA has been consistently ranked as the No 1 institute in the country for hotel management studies.

Following are a few listed rankings.

World rankings:

- # 40 WGSHA has been Ranked No 40 among top 50 Hospitality and Hotel Management Schools in the world 2015 (result in Mar 2016)

India rankings:

- # 1 Ranked No 1 as Supreme Hotel Management Institute in India and No 1 in state of Karnataka since 2007
 - o Source: **GHRDC Hotel Management Institutes Survey 2016**
- # 1 Ranked No 1 between Private Hotel Management Colleges in India, No 1 among the South Zone Hotel

Management Colleges and No 2 in All India ranking among Top 50 Colleges in Hotel Management.

- o Source: **The Week – Hansa Research - Best Colleges Survey 2016**
- # 3 Ranked No 3 among the Top 10 Hotel Management Colleges in India in Outlook India's Top Professional College Rankings 2016
 - o Source: **Outlook – Drshti Hotel Management Colleges Survey July 2016**
- Best Hostel Management Institute of the year by Indian Restaurant Awards 2016
- CSR Top Hotel Management Institutes Award for the year 2016 – Competition Success Review.

The Welcomgroup Graduate School of Hotel Administration is ISO 9001:2008 and ISO 14001:2004 certified.

BHM Program is recognized by All India Council for Technical Education (AICTE) and is accredited by National Board of Accreditation (NBA) for 5 years.

WGSHA has collaborations with:

- George Brown College (GBC), Toronto, Canada
- University of Waikato (UoW), New Zealand
- University of California, Riverside, USA. International Association for the Exchange of Technical Expertise (IAESTE)
- University College of Birmingham, UK
- International Sommelier Guild (ISG), WFCL I, WFCL II certification program
- Centennial College, School of Hospitality, Tourism and Culture, Canada
- Manchester Metropolitan University (MMU), Manchester, UK

WGSHA has collaborations with the following hotels and resorts:

- ITC - Welcomgroup Taj Hotels Resorts and Palaces
- The Oberoi Group
- The Leela Palace Hotels and Resorts
- The Park Hotels
- Le Méridien Hotels and Resorts
- Marriott, Accor Hotels
- Ananda Resorts in Himalayas
- Westin Hotels and Resorts
- International Travel House (A ITC Group of company)
- Casino Hotels
- Hyatt Hotels
- Lemon Tree Hotels
- Royal Orchid Hotels

Institutional activities/curricular activities:

All other activities in the department relating to the program/course:

Sl no	Activity	Particulars
1	Orientation 2016 batches	30 Jul 2016
2	Thirtieth Annual Day	5 Feb 2016
3	Food Festival – III	“Casa – de Parrilla” – Food Festival celebration by Shivaji House on 12 – 13 Feb 2016
4	International Symposium	26 Feb 2016
5	WGSHA Quest	10 and 11 Mar 2016
6	Up Close and Personal Session with Chef Vikas Khanna Executive Chef, Junoon, NYC, Mr Rajesh Bhardwaj CEO and Founder, Junoon, NYC and Dubai, Ms Poonam Kaul, Vice-President Communications of PepsiCo	8 Apr 2016
7	Sri Krishna Janmastami	Celebration by students and faculty members team of Pratap House on 24 Aug 2016
8	Sri Ganesh Chaturthi	Celebration by students and faculty members team of Ranjit House on 3 Sep 2016
9	Students Council Installation/Teacher’s day	The college Students Council formally installed on 5 Sep 2016 at Chaitya.
10	Food Festival – I	“THE CENTRAL PERK” Celebration by Pratap House, 18 Sep 2016
11	Bakrid (Id-UI-Zuha)	Celebration by students and faculty members team of Shivaji house, 20 Sep 2016
12	ONAM Celebration by Tipu House	Celebration by students and faculty members team of Tipu House on 22 Sep 2016
13	Fresher’s Day	6 Oct 2016
14	Maha Navami (Dussehra)	Celebration by students and faculty members team of Pratap House on 7 Oct 2016
15	Theme Lunch	By third Year BHM students – 19 Oct 2016
16	Deepavali	Celebration by students and faculty members team of Shivaji House on 26 Oct 2016
17	International Chef Day	9 Nov 2016
18	Sports Day	11 Nov 2016
19	Christmas Fruit Mixing	18 Nov 2016
20	Formal Dinner	23 Nov 2016

Sl no	Activity	Particulars
21	WGSHA HOD Retreat 2016 – Upasana, Samse	28 and 29 Nov 2016
22	Christmas Lunch	Celebration by students and faculty members team of Shivaji/Pratap House on 30 Nov 2016

Details of guest visit:

Guest lectures:

Sl no	Visitor	Name of the University	Purpose of visit	Date of visit
1	Mr Raviraj Nayak	Associate regional manager, Business Development, ICICI, Prudential Udupi	Workshop	16 Jan 2016
2	Dr SP Gaur, IAS, (Retd)	Former Secretary to Ministry of Shipping, GOI	Visit	28 Jan 2016
3	Mr Anand rao	General Manager, Learning Services and managing Director, land base, ITC Hotels	College Function	5 Feb 2016
4	Mr Anand rao	General Manager, Learning Services and managing Director, land base, ITC Hotels	Guest Lecture	6 Jan 2016
5	Mr Ajay Nambiar	Mantri Splendor, Bangalore	College Function	5 Feb 2016
6	Dr Raveendranath Nayak	Director, School of Management, Manipal	Guest Lecture	26 Feb 2016
7	Sherin mathew	Director of Sales Hyatt Regency Chennai	Guest Lecture	26 Feb 2016
8	Arun Bose	Deputy Company Secretary Investor Service Centre, ITC Limited, Kolkata	Guest Lecture	26 Feb 2016
9	Anoop Pandey	Director of Rooms The Westin Gurgaon, New Delhi	Guest Lecture	26 Feb 2016
10	Mr Uday Sharma	GM, FIW	Guest Lecture	26 Feb 2016
11	Mr Vikram Cotech	Chief Operating officer, GRT Hotels and Resort Pvt Ltd Chennai	Guest Lecture	26 Feb 2016
12	Mr Sandeep Dhawani	Managing director Bombay caterers and The Royal Rasoi	College Function	10 Mar 2016
17	Giles Brooker and Ms Prabha	Chairman, Giles Brooker Group, Auckland (New Zealand, Kochi, Coimbatore, Manipal, Jaipur (India), Singapore	College Function	10 and 11 Mar 2016
18	Ms Poonam Kaul	Vice President Communications, PepsiCo - India	Culinary Arts Ground-Breaking Ceremony	7 and 08 Apr 2016
19	Ms Sushma and Ms Rashmi	Architect, SAPL	Meeting	10 Aug 2016
20	Prof Varadesh Hiregange	Director of Gandhian and Peace Studies Manipal University	Guest Lecture	18 Aug 2016
21	Commodore J Castelino	VSM, Indian Navy (Retd)	Guest Lecture	20 Aug 2016
22	Noel PD Ramesh G Joseph Leonard Mahesh	Public Relations Subcommittee, Bangalore Area Narcotics Anonymous.	Seminar	13 and 14 Oct 2016
23	Mr Arup Singh	Revenue Manager, Four Points by Sheraton, Bengaluru	Guest Lecture	14 Oct 2016

Details of publications:

National		International	
Indexed	Non-Indexed	Indexed	Non-Indexed
--	02	--	--

Conferences attended by institution faculty and students:

	National	International
Faculty	6	11

Details of conferences/workshops conducted by the institution:

Particulars	National	International
Conferences	--	2
Workshops	1	--
Seminars	1	--
Others	1	--

Books/chapters authored by faculty members:

Sl no	Name of the Book	Chapter/s name	Faculty members	Publisher
1	Currents issues and Emerging Trends in Hospitality and Tourism Research	Teaching, Training, Tools and Technique: Impact on Aspiring Chefs	Seal, Partho Pratim	Banarsidas Chandiwala Institute of Hotel Management and Catering Technology, New Delhi
2	"Tokri: A basket of Indian Bread Recipes from the homes of India"	--	Vasanthan Sigamany, Kaliappan S	LAP LAMBERT Academic Publishing, Saarbrucken, Germany

Awards/recognitions:
Institution:

Sl no	Name	Details	Date
1	Mr Manoj Belwal, Assistant Professor, Department of Food and Beverage Management	Good Teacher Award 2015	5 Feb 2016

Faculty members:

Sl no	Name	Details	Date
1	Mrs Parvadhavardhini Gopalakrishnan, Principal	Member of Board of Studies, BSc Hospitality Science under Yenepoya University, Mangalore	Aug 2016
2	Mr Thirugnana Sambantham, Vice Principal	Awarded 'Best Culinary Educator' for the year 2016-17 by Young Chefs Association of India, IFCA	29 Aug 2016
3	Mr Ratnadeep Bhattacharyya, Associate Professor, Department of Accommodation Operations	Member of Board of Studies, BSc Hospitality Science under Yenepoya University, Mangalore	Aug 2016
4	Dr P Senthil Kumaran, Associate Professor, Department of Food and Beverage Management	Recognised as a research guide to guide PhD Scholars by Pacific University, Rajasthan	Mar 2016

Students:

Sl no	Name	Details	Date
1	Gavin Rodrigues	Utsav 2016 – Western Dance (solo) – First Place	7 Apr 2016
2	Gavin Rodrigues and M D Adnan	Utsav 2016 – Duet Dance – Third Place	8 Apr 2016
3	Gavin Rodrigues	Spectrum 2016 (SOC Manipal) – Dance Battle – First Place	9 Feb 2016
4	Gavin Rodrigues	Manipal's Got Talent 2016 (MIT Manipal) – Western Dance Solo – Second Place	15 Oct 2016
5	Gavin Rodrigues	Manipal's Got Talent 2016 (MIT Manipal – Impromptu – First Place	16 Oct 2016
6	Gavin Rodrigues	Revels 2016 (MIT Manipal) Foot loose – First Place	12 Mar 2016

Photo archive of important events:

Ranked # 40 in the World
#Ceoworld.biz, a well-acclaimed magazine



The Only Private Institute in India



Annual Day-5 Feb 2016



International Symposium 2016 Hospitality Vision



WGSHA Quest 2016



U P Close and Personal 8 Apr 2016



#Ceoworld.biz, a well-acclaimed magazine website

International Chefs Day Conference 2016 9 Nov 2016



HOSTEL FESTIVALS 11 Nov 2016



MU Champion Hockey 2016



Champion Tipu House 2016



AGSHA HOD Retreat 2016- Upasana Resort, Samse



DEPARTMENT OF ALLIED HOSPITALITY STUDIES

Phone Number: 0820-2571101

Email-Office: office.wgsha@manipal.edu, Email-Principal: pg.wgsha@manipal.edu

Email-Coordinator: valsaraj.p@manipal.edu



Name of Principal: Prof Parvadhavardhini Gopalakrishnan

Established: 2011

Programs:

- MSc Dietetics and Applied Nutrition (MSc DAN)
- MSc Hospitality and Tourism Management (MSc HTM)

About department:

The DAHS is established to provide globally benchmarked education in Culinary Arts, Hospitality and Tourism and Dietetics and Applied Nutrition. The postgraduate master's program, Dietetics and Applied Nutrition is designed to enhance knowledge and skills of those who wish to expand their understanding of human and clinical nutrition, and develop critical evaluation skills through an integration of nutrition, dietetics (therapeutic nutrition) and research.

The postgraduate course in Hospitality and Tourism aims to further students' knowledge and understanding of the hospitality industry, and to develop critical awareness of current issues and new insights in the areas of professional and industry specific practice. The DAHS encourages student research in core and allied fields in clinical nutrition, hospitality and tourism.

Institutional activities/curricular activities:

New initiatives:

Sl no	Activity	Particulars
1	Centre for Hospitality and Tourism Research (Apr 2016)	Aim is to create platform for collaboration, research, publishing and training in the field of hospitality and tourism

All other activities in the department relating to the program/course

Sl no	Activity	Particulars
1	Student Empowerment for Environmental Development (SEED)	Activity to promote the social and environmental involvement of MSc HTM students through various community outreach and school extension programs SEED has undertaken many social projects in Manipal, SUVASA Art school at Hiriyadka, SHG at Shankerpura and at Hirebettu Primary School.
2	SPSS Workshop – Jul 2016	Four-day SPSS workshop conducted by Dr Asha Kamath, Associate Professor, Community Medicine, KMC, Manipal for II year MSc Dietetics and Applied Nutrition students undertaking major research projects
3	Azadi 70 – Yaad Karo Kurbani, (Freedom Fortnight)	As per UGC instructions, various competitions like poetry writing, rangoli , face painting, creative minds were conducted on 22 Aug 2016 to commemorate the sacrifice of our freedom fighters.
4	Consultancy activities	CHTR/ DAHS have undertaken the following consultancy for Mantra Travel and Tourism Development Company, Udupi (Associate of Department of Tourism, Udupi Organized beach seafood festival in the month of Sep 2016 to promote local food and tourism activities

Sl no	Activity	Particulars
5	National Nutrition Week 2016	The National Nutrition week is an annual nutrition event of great importance and is celebrated from 1–7 Sep every year. The Theme for National Nutrition Week 2016 was “Life Cycle Approach for Better Nutrition”, which reflects improvements in young child survival, nutrition and development. During the nutrition week poster competition was held and the theme was “First 1000 days, golden window of opportunity.”
6	Asare Visit	On 17 Sep 2016 students of MSc DAN spent an emotionally satisfying day with the inmates of Asare by conducting games and activities. Literally meaning “A Ray Of Hope For The Specially Abled.”
7	World Diabetes Day 2016	World Diabetes Day is the primary global awareness campaign of the diabetes world and is held on 14 Nov each year. Each year, World Diabetes Day is centred on a theme related to diabetes. This year the theme for the day was “Eye on Diabetes.” We had organized awareness program on management of diabetes were in students of MSc DAN displayed posters on “Control and management of Diabetes: prevention of Micro and Macro vascular complications.” Target audience were Type 2 Diabetics, Individual at risk of diabetes.
8	Community Health and Adopted Family’s Nutritional Status	MSc DAN students along with the faculty members made regular weekly community visits to the Anganwadis and RMCW homes in Kadekar, Kalmadi and Alevoor. During these visits, the students assessed the basic nutrition and health facilities being provided under the ICDS scheme and aimed at prevention of nutritional deficiencies in the risk groups. They undertook the growth monitoring of children in the AWCs and counselling of their mothers as well as other pregnant and lactating mothers visiting the RMCW homes. Students in groups were allotted 11 families with at least two vulnerable groups for holistic family health and nutrition status assessment. They visited the families every week and observed and interviewed families to assess their level of awareness, beliefs and attitudes towards health and disease and diet patterns, along with reasons or factors affecting the same. They assessed their nutritional status based on anthropometry, biochemical records and diet intake. Based on the interactions and analysis, students imparted individualised Nutrition and Health Education to families with the use of innovative and creative education material regarding importance of environmental and domestic hygiene, basic dietary habits, special nutritional requirements for risk groups, immunisation, growth monitoring, family planning, low cost nutritious recipes, home economics, etc. They even helped the families to start kitchen gardens and showed them how to keep the house and its surrounding clean to prevent infections. The education material prepared was given to the families.
9	Swachh Bharath Mission	As a part of Swachh Bharath Mission students of MSc DAN Performed cleanliness awareness in Anganwadi .

Details of guest visit:

Guest lectures in 2016:

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
1	Mr Pradeeptha Basu	Global Trade Centre, Kolkata		Guest Lecture	8 Jan 2016
2	Mr Varadesh Hiregange	Manipal University	Gandhian studies	Guest Lecture	12 Jan 2016
3	Mr Raviraj Nayak	ICICI Prudential		Guest Lecture	16 Jan 2016
4	Mr Feddy Davis	Manipal University	SOAHS	Guest Lecture	19 Jan 2016
5	Mr Edwin	EBSCO		EBSCO Awareness	3 Mar 2016
6	Mr Fayaz Ahmed	Holiday Inn Corniche Saudi Arabia		Guest Lecture	7 Mar 2016
7	Dr J Kandampully	The OHIO State University, USA		Webinar	18 Mar 2016
8	Mr Ashwin Hebbar	Apna Holidays		Guest Lecture	28 Mar 2016
9	Mr Shrikant Arora			Guest Lecture	20 Jul 2016
10	Dr Sanjay Singh	Manipal University	MIT	Guest Lecture	23 Jul 2016

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
11	Mr Pradeeptha Basu	Global Trade Centre, Kolkata		Guest Lecture	3 Aug 2016
12	Mr Gaurav Shenava	Association of Coastal Tourism		Guest Lecture	23 Aug 2016
13	Mrs Saritha Santhosh	Sunshine Travels, Manipal		Guest Lecture	24 Aug 2016
14	Mr Jorely Mathew	Fairmont, Jaipur		Guest Lecture	27 Aug 2016
15	Mr Naveen Dongra	Fairmont, Jaipur		Guest Lecture	27 Aug 2016
16	Mr Edwin	EBSCO		Guest Lecture	16 Sep 2016
17	Mr Mahesh Kumar	Stayzilla		Guest Lecture	26 Sep 2016
18	Mr Anup Singh	Four Points by Sheraton, Bangalore		Guest Lecture	16 Oct 2016
19	Dr Laxmikanth	Pollution Board, Karnataka		Guest Lecture	25 Oct 2016
20	Dr Sudha Vidyasagar	Manipal University	Department of Medicine, KMC, MU	World Diabetes Day 2016	14 Nov 2016
21	Dr Arun G Mayya	Manipal University	Department of Physiotherapy, SOAHS, MU	World Diabetes Day 2016	14 Nov 2016

Conferences attended by institution faculty and students:

	National	International
Faculty	--	3
Students	--	1

Details of conferences/workshops conducted by the institution:

Particulars	National	International
Workshops	7	--
Seminars	14	--
Others	3 (consultancy activities)	--

Details of research grants:

Sl no	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)
1	"Identifying and creating a tool for risk factors screening for prediabetes"	Dr Sudha Vidyasagar, Prof Medicine, KMC; Co-investigators: Mrs Meenakshi Garg, HOD, MSc DAN, DAHS, WGSMA and Dr Arun G Mayya, SOAHS	The Association of Physicians of India, Karnataka chapter	2.46 lacs

Students:

Sl no	Name	Details	Date
1	Athira Nair Megha	Second prize, Collage Competition, Utsav, Manipal University	4 Apr 2016
2	Jainee Nishith Kumbhani and Apoorva Kamath N	First Prize, poster competition organized at "Nutrition Update - 2016" at Kasturba Hospital, Manipal	3 Sep 2016

Photo archive of important events:



Global supply chain and Hospitality sector, Pradipta Basu, 3 Aug 2016



First Prize, poster competition organized at "Nutrition Update - 2016" in Kasturba Hospital, Manipal on 3 Sep 2016.



Philately Exhibition Swacch Bharath, 14 Sep 2016



ASARE visit, 17 Sep 2016



Beach Seafood Fest, 24 Sep 2016



Seminar on World Diabetes Day



Swachh Bharath Mission: Students of MSc DAN performed cleanliness awareness in **anganwadi**.



Revenue Management workshop



Diya making workshop



International Diabetes update 2016, Chennai



Workshop for SHG at Hiriyadka

Department of Culinary Arts (DOCA)

WGSMA Hostel, Ganesh Baugh, Saralabettu, Manipal - 576 104, (Karnataka)

Phone Number: 0820-2923238/39

Email-office: academic.culinary@manipal.edu, HoD: thiru.k@manipal.edu



Name of HoD: Chef K Thirugnanasambantham

Established: 2011

Programs:

- Bachelors of Arts in Culinary Management (BACA)
- Post Graduate Diploma in Culinary Arts (PGDCA)
- Certificate Courses in:
 - Cookery for Homemakers
 - Food Service and Waiting in Restaurants
 - Cookery for Commercial Cooks
 - Bakery for Homemakers
 - Bakery for Commercial Bakers

About Department:

Manipal University pushes the boundaries beyond the quality education and superior value as it offers professional courses of highest standard with value for money. More and more people can now follow the culinary education dream by partnering with Manipal University. Manipal University has Launched BA in Culinary Arts, a three-year degree program and 1 year Post Graduate Diploma in Culinary Arts program with a mission to provide aspiring culinary professionals, a globally benchmarked educational experience and qualification. The program is designed by top chefs from India and focuses heavily on hands-on-training. The classes are handled by proficient chefs and guest chefs from around the world. The state-of-the-art facilities offer a realized environment similar to those in first-class hotels and restaurant. The Academy is erected in a total of 12500 sq ft area; the Bachelor of Culinary Arts encompasses innovative teaching, the cutting-edge facility providing students with an in-depth understanding of today's most advanced culinary techniques and technologies providing opportunities for

best practice excellence. The DOCA—possesses training kitchens and classrooms, including dedicated hot and cold kitchens, pastry and confectionary kitchens, meat-cutting and fabrication labs' dining room, and academic classroom spaces for interaction embedded with its unique Studio Kitchen.

The three-year degree covers the subject like Culinary Skill Foundation, Baking and Patisserie, Indian Cuisine and Culture, Food and Wine Harmony, Food and Sociology and Anthropology, Food Entrepreneurships and Small Business Projects, Global Cuisine and Gastronomy, Food Styling and Presentation and Research Methodology. The field of culinary arts is a robust one, offering a variety of working conditions and career opportunities, from personal chefs, Chefs, Food Photography and Journalism, and other allied food preparation industry held nearly 5.3 million jobs in 2011; nearly two-thirds of whom were employed in hotels, restaurants and other food services and other food service industry. The industry has experienced increased growth over the last decade, as many people eat more meals

outside of the home than ever before. While the growth of the industry will remain stable over the next decades, Job openings for chefs, cooks and food preparation workers are expected to be plentiful through 2016. However, competition should be keen for jobs in the top kitchens of higher end restaurants. While job growth will create new positions, primarily due to the expansion of family-casual dining, the overwhelming majority of job openings will stem from the need to replace workers who leave this large occupational group. Employment growth will be spurred by increase in population, household income and leisure time that will allow people to more often dine out

and take vacations. In addition, the large number of two-income households will lead more families to opt for the convenience of dining out.

DOCA is committed to support, mentor and provide lifelong inspiration to the graduates. It believes in preparing the students for their career as it is about excellence in culinary arts, its technical know-how and hands-on experience more than learning theory. Ensuring to be a leading force for the personal development and career, DOCA, is dedicated one feel proud to be enrolled in one of the most dynamic place to study culinary arts in the country and in the world in future.

Institutional activities/curricular activities:

New initiatives:

Sl no	Activity	Particulars
1	New Culinary Arts Building and Culinary Museum	New Culinary Arts Academic Block Building 26,485 sq ft project, ground breaking ceremony conducted on 7 Apr 2016 in presence of Dr Ramdas M Pai President and Chancellor, Manipal University, Mrs Vasanthi Pai, Chair Person Hostel Management Committee, Manipal University. Chef Vikas Khanna, Celebrity Chef, Mr Rajesh Bhardwaj, CEO, Junoon Hospitality, New York, USA, Dr Narayana Sabhahit, Registrar, Manipal University and MU Officials. As on date the project is expected to complete on Aug 2017. The museum, in the \$ 4 million building, will be the first of its kind in the country and on completion by Aug 2017, will be a marvel where antique utensils from several parts of the world will be collected and brought here by Vikas.

All other activities in the department relating to the program/course:

Sl no	Activity	Particulars
1	Culinary Boot Camp	DOCA conducted five days "Culinary Boot Camp" program for George Brown College (GBC) Students, Toronto, Canada. The GBC students were given hands on training in preparing local dishes like Pineapple menskai, dalithove, biriyani, chicken gassi and neer dosa . The objective of the program was to provide budding chefs from Canada to learn more about the Indian cuisine.
2	International Chef's Day Conference 2016	The Welcomgroup School of Hotel Administration and The DOCA in association with The Indian Federation of Chefs Association (IFCA) and World Associations of Chefs Societies (WACS) hosted its first International Chefs Day Conference. The event bore witness to several eminent chefs and hoteliers from across the country. The conference was inaugurated by the IFCA presidium members Dr Chef Soundararajan, Chef Vijaya Baskaran, Chef Manjit Gill and Chef Debraj Bhaumik, COO GRT Hotels Mr Vikram Cotah, Celebrity Chef Dr Damodaran and Chef Parvinder Singh Bali (OCLD). Chef Thomas Gugler president of WACS was unable to attend the conference but conveyed his regards through a skype session.
3	Department of Culinary Arts signed MOU with Alain Ducasse Education, France	MOU has been signed between Department of Culinary Arts, Manipal University and SAGES Institute International, Surabaya, Indonesia, (Inbound Program) on 23rd Nov 2016.
4	Department of Culinary arts signed MOU with SAGES Institute, Indonesia	MOU signed with The SAGES Institute International School of Culinary Arts and Gastronomy, Baking, Pastry, Hospitality, Indonesia – Surabaya. Purpose: <ul style="list-style-type: none"> • Development and promotion of off-shore study opportunities for students and staff of SAGES and Indonesia industry personnel. • SAGES students who completed 2.5-year program are eligible to credits towards MU Bachelor of Arts.

Sl no	Activity	Particulars
5	Short term course	Department of Culinary Arts conducted short term course from 1 Mar–31 Mar 2016 <ul style="list-style-type: none"> • Cookery for Home Makers • Cookery for Commercial Cooks • Bakery for Home Makers • Bakery for Commercial Bakers
6	International Cuisine Nights	DOCA and The International Association for the Exchange of Students for Technical Experience (IAESTE) hosted “Indian Cuisine Cooking Demonstration” for “IAESTE AUSTRIA” on 1 Apr 2016.
7	DOCA started “Indian Food Culture and Cuisine” course to Study Abroad Program Students	Course Name: Indian Food Culture and Cuisine Course Number: IFCC–101 Language of Instruction: English Credits: 3 Contact hour per week: 5 Hours Total Number of weeks: 16 Weeks
8	Food Enthusiast Program	DOCA, Manipal University, conducted Baking and Cooking Class on 16-17 Jun 2016. The objective of this program is to encourage people who have passion to learn new cooking techniques, blending various Ingredients, combining right flavours and to produce nutritious, quality culinary products. No of Participants: 73
9	Cooking Demo “Culinary Delights of the Dakshina Kannada Region”	1 Sep 2016 Cooking Demo “Culinary Delights of the Dakshina Kannada Region” for Department of European Studies Students
10	Farewell Party	Welcomgroup Graduate School of Hotel Administration and the DOCA bids farewell to their final year students each year with a formal multiple course dinner. The meal is served in traditional American Style Service with each and every plate being placed in front of the guest at the exact same time, in an extraordinary feat of rhythm and timing precision.
11	Theme Lunches	DOCA conducted various theme Lunches in the year 2016: <ul style="list-style-type: none"> • Nala Virundhu on 29 Mar 2016 • ‘The Chef’s Table’ Theme Lunch on 19 Apr 2016 • Satvik Oota on 9 Sep 2016 • Dakshin Chemistry on 17 Sep 2016 • The Konkan Express on 29 Sep 2016 • Janna Al Arabia on 19 Oct 2016
12	Expert Talk	DOCA conducted various guest lecture programs in the year 2016 <ul style="list-style-type: none"> • Guest lecture by Swami Vinayakanadaji Maharaj from Sri Ramakrishna Ashrama (Bailur Math), Karkala, to the culinary Arts students • Guest talk on “Undergraduate Research” to first year Culinary arts and PGDCA Students • Upclose and Personal session with Mr Sherin Mathew, Director of Sales, Hyatt Regency Chennai • Soft Skill Development Workshop by Mr Raman Kumar, Personality Development consultant for the first year BACA students • Mixology 101 Workshop for BACA students by Mr Hemant Pathak, Mixologist/ Bar manager/Junoon, 27 W 24th Street/New York-10010/USA • Guest talk on Entrepreneurship Skills by K M Subhash, Entrepreneur, Innovation Enthusiast • Guest lecture on “Traditional philosophy of food and landscapes” by Dr Meera Baindur, Assistant Professor, Manipal Centre for Philosophy and Humanities, MU
13	Seminar	Conducted seminar on “Narcotics Anonymous - A Resource in your Community” by Public Relations Subcommittee, Bangalore Area

Sl no	Activity	Particulars
14	Cooking Demonstration	DOCA organized various cooking Demonstration programs to the Culinary Arts Students. <ul style="list-style-type: none"> Conducted Indian Sweets Cooking demo by Chef Surajit Pal for the first year BACA Students Presentation by Mr Abhishek Sharma, Hub manager, Indian Subcontinent, Le cordon, on "Study Abroad" Patisserie Demonstration by Chef Olivier Mourelon Patisserie Master Chef, Le Cordon Blue, Canada to third Year Culinary Arts students. Contemporary Indian Cuisine by Chef Thomas Zacharias, Executive Chef, The Bombay Canteen for the third year Culinary Arts Students Contemporary Plated Dessert by Chef Girish Nayak, Pastry Chef, Olive Beach, Bengaluru for the third year Culinary Arts Students
15	Simulation	DOCA conducted the following simulations: <ul style="list-style-type: none"> The Great American Feast - 5 Mar 2016 Mongolian Hot Pot - 13 Apr 2016 The Parsi Trial - 24 Sep 2016 Under the Tuscan Sun - 16 Nov 2016
16	Cooking Classes	DOCA hosted Cooking classes for the following: <ul style="list-style-type: none"> Indian cuisine classes for study abroad program students Cooking demo for Maryland University students - 13 students from USA participated Cooking demo conducted for IASTE Students on the theme of "International Cuisine Night" Cooking demo "Culinary Delights of the Dakshina Kannada region" for Department of European Studies Students Cooking demo conducted for cancer awareness program at KMC, WGSMA, Manipal Indian cuisine cooking demo conducted for organizing an international training program - "DIES Training on Management of Internationalization" for International Affairs and Collaborations
17	Culinary Arts Ground-Breaking ceremony	DOCA held New Culinary Arts and Culinary Museum Building Stone Laying Ceremony on 7 Apr 2016
18	Field Trip	Department of Culinary Arts conducted various field trip in the year 2016 <ul style="list-style-type: none"> Field trip for first year BACA and PGDCA Students to Kota and Kundapura (Goan fresh marine exports Pvt Ltd, Meridian Day) Field visit for first year BACA and PGDCA students to Namma Bhoomi, Soans Farm and Pandit resort Field visit for final year Culinary Arts and PGDCA Students to Malpe fishing harbor, Mitra Samaj, Rice and Cashew factory in Shivapura
19	Fire Mock Drill Class	Culinary Arts organized Mock drill classes for Faculty members and Administrative staff members

Details of guest visit (lectures, collaboration, visitors on campus):

a. Guest lectures:

Sl no	Visitor	Name of the University/ Organization	Institution	Purpose of visit	Date of visit
1	Giles Brooker, Chairman, Giles Brooker Group	Sages Institute International Indonesia	The SAGES Institute International School of Culinary Arts and Gastronomy, Baking, Pastry, Hospitality, Indonesia – Surabaya	International Collaboration program	19 Sep 2016

Sl no	Visitor	Name of the University/ Organization	Institution	Purpose of visit	Date of visit
2	Cécile SALLE, International Business Developer	Allian Ducasse Education, France	Bachelor in French Pastry Arts	International Collaboration program	23 Nov 2016
3	Swami Vinayakananadaji Maharaj	Karkala		Guest Lecture	12 Jan 2016
4	Dr S P Gaur, IAS, (Retd)	Former Secretary to Ministry of shipping, GOI		Campus visit	28 Jan 2016
5	Mr Anand Rao	General Manager, Learning Service and Managing Director, Land Base, ITC Hotels		Annual Day 2016	5 Feb 2016
6	Mr Ajay Nambiar	E-PH6, Mantri Splendor, Hennur Road, Gedahalli, Bangalore		Annual Day 2016	5 Feb 2016
7	Dr Sanjay Singh, PhD	Associate Professor, Department of Information and Communication Technology, MIT, Manipal		Guest Lecture	8 Feb 2016
8	Dr Raveendranath Nayak,	Director, School of Management, Manipal		International Symposium 2016	26 Feb 2016
9	Sherin Mathew	Director of Sales Hyatt Regency Chennai		International Symposium 2016	26 Feb 2016
10	Arun Bose	Deputy Company Secretary Investor Service Centre ITC Limited		International Symposium 2016	26 Feb 2016
11	Anoop Pandey	Anoop Pandey Director of Rooms The Westin Gurgaon, New Delhi		International Symposium 2016	26 Feb 2016
12	Mr Uday Sharma	General Manager, FIVV		International Symposium 2016	26 Feb 2016
13	Mr Vikram Cotah	Chief Operating officer, GRT Hotels and Resort Pvt Ltd		International Symposium 2016	26 Feb 2016
14	Mr Sandeep Dhawani	Managing Director (Bombay Caterers and The Royal Rasoi)		WGSMA Quest 2016	10 Mar 2016
15	Chef Surajit pal	Hotel Pearl, Mangalore		Cooking Demonstration	28 Mar 2016
16	Mr Raman Kapoor	Personality Development Consultant, # 3E, Essar Apartments, East Maredpally, Secunderabad		Workshop	31 Mar and 1 Apr 2016
17	Mr Abhishek Sharma	Hub managers, Indian Subcontinent, Le cordon, Bleu		Guest Lecture	2 Apr 2016
18	Mr Hemant Pathak	Mixologist/Bar manager/Junoon, 27 W 24th Street/ New York-10010/USA		Workshop	4 Apr 2016
19	Chef Vikas Khanna	Michelin Starred Celebrity Chef		Culinary Arts Ground- Breaking Ceremony	7-8 Apr 2016
20	Mr Rajesh Bhardwaj,	CEO and Founder of Junoon restaurant, NY and Dubai		Culinary Arts Ground- Breaking Ceremony	7-8 Apr 2016
21	Ms Poonam Kaul	Vice President Communications, PepsiCo-India		Culinary Arts Ground- Breaking Ceremony	7-8 Apr 2016
22	Priyanka Roy	Manager- India Operations, Switzerland		Guest Lecture	7 Sep 2016
23	Rohit Bhatia	Director Marketing, Switzerland		Guest Lecture	7 Sep 2016
24	K M Subhash	Entrepreneur, Innovation Enthusiast		Guest Lecture	15 Sep 2016
25	Chef Thomas Zacharias	Executive Chef, The Bombay Canteen		Cooking Demonstration	4-5 Oct 2016

Sl no	Visitor	Name of the University/ Organization	Institution	Purpose of visit	Date of visit
26	Chef Girish Nayak	Pastry Chef, Olive Beach, Bengaluru		Cooking Demonstration	4-5 Oct 2016
27	Mr Parag Modi and Mr Inder Modi	214, Abhishree Complex, Opp Star India Bazaar, Satellite Road, Ahmedabad		Guest Lecture	6 Oct 2016
28	Noel P D Ramesh G Joseph Leonard Mahesh and his team	Public Relations Subcommittee, Bangalore Area Narcotics Anonymous.		Seminar	13-14 Oct 2016
29	Chef Manjit Singh Gill	Senior Corporate Chef, ITC Hotels President of IFCA		International Chef's Day Conference	9 Nov 2016
30	Chef Gerard D Souza	Retired Former Dean of IHM Aurangabad		International Chef's Day Conference	9 Nov 2016
31	Dr Chef K Damodaran	Holder of Guinness Record for Longest Cooking Marathon		International Chef's Day Conference	9 Nov 2016
32	Mr Vikram Cotah	CEO, GRT Hotels, Chennai		International Chef's Day Conference	9 Nov 2016
33	Chef Parvinder Singh Bali	Corporate Chef, Learning and Development, The Oberoi Centre of Learning and Development		International Chef's Day Conference	9 Nov 2016
34	Dr Chef Soundararajan Palaniappan	(IFCA- Residium Member), Secretary, Corporate Executive Chef, Mahindra Holidays and Resort India Ltd, General Secretary (IFCA)		International Chef's Day Conference	9 Nov 2016
35	Chef Vijay Baskaran V	Executive Chef, Executive Assistant Manager, Le Meridian, Bengaluru, Vice President (IFCA)		International Chef's Day Conference	9 Nov 2016
36	Chef Thomas Gugler	WACA President, Corporate Director of Kitchens, Executive Master Chef		International Chef's Day Conference	9 Nov 2016
37	Chef Debraj Bhaumik	Executive Chef - Club Mahindra, Goa		International Chef's Day Conference	9 Nov 2016
38	Cécile SALLE	International Business Developer		International Collaboration	23 Nov 2016
39	Mr Abhishek Sharma	Hub Manager, India Subcontinent, Le Cordon Bleu India Pvt. Ltd		Cooking Demonstration	23 Nov 2016
40	Chef Olivier Mourelon	Patisserie Master Chef, Le Cordon Bleu, Canada		Cooking Demonstration	23 Nov 2016

Details of publications:

National		International	
Indexed	Non-Indexed	Indexed	Non-indexed
0	2	0	0

Conferences attended by institution faculty and students:

	National	International
Faculty members	6	11

Details of conferences/workshops conducted by the institution:

Particulars	National	International
Conferences	1	-
Workshops	6	-
Seminars	1	-
Others	20	-

Books/chapters authored by faculty members:

Sl no	Name of the Book	Chapter/s name	Faculty members	Publisher
1	Currents Issues and Emerging Trends in Hospitality and Tourism Research	Teaching, Training, Tools and Technique: Impact on Aspiring Chefs	Partho Pratim Seal	Banarsidas Chandiwala Institute of Hotel Management and Catering Technology, New Delhi
2	'Tokri: A basket of Indian Bread Recipes from the homes of India		Chef Vasanthan Sigamany, Chef Kaliappan S	Lap Lambert Academic Publishing, Saarbrucken, Germany

Awards/recognitions:

a) Faculty:

Sl no	Name	Details	Date
1	Mr Manoj Belwal, Assistant Professor Department of Food and Beverage Management	Good Teacher Award	5 Feb 2016
2	Chef K Thirugnanasambantham	Best Culinary Educator of the Year' from IFCA and WACS Won prestigious 'Cochran Fellowship Award' on Culinary Arts by United States Department of Agriculture (USDA)	30 Aug 2016 Jun 2016

b) Students:

Sl no	Name	Details	Date
1	Mr Vipul Sharma, PGDCA - First course	Overall Runner up in Chef Comp held at Christ University, Bengaluru	13 Feb 2016
2	Mr Sumukh Vinay Tallam, PGDCA -First course	Overall Runner up in Chef Comp held at Christ University, Bengaluru	13 Feb 2016
3	Mr Ananya Verma, BACA - Fourth Course	Overall Runner up in HAT comp held at Christ University, Bengaluru	13 Feb 2016
4	Ms Avanti, BACA - Fourth course	Overall Runner up in HAT comp held at Christ University, Bengaluru	13 Feb 2016
5	Ms Meenakshi A, BACA -Fourth Course	Overall runner up in HAT comp and Position in Treasure Hunt held at Christ University, Bengaluru	13 Feb 2016
6	Ms. Shwetha Cunigal, BACA - Fourth course	Overall runner up in HAT comp and Second Position in Treasure Hunt held at Christ University, Bengaluru	13 Feb 2016
7	Ms. Shipra Agarwal, PGDCA	First position in Best Manager held at Christ University, Bengaluru	13 Feb 2016
8	Mr Ananya Verma, BACA - Fourth Course	Second Position in Quizotel and Second position in Treasure Hunt held at Christ University, Bengaluru	13 Feb 2016
9	Ms. Avanti, BACA - Fourth course	Second Position in Quizotel and Secnd position in Treasure Hunt held at Christ University, Bengaluru	13 Feb 2016
10	Ms. Rashmi G R, BACA - Fourth Course	Bronze Medal in Chef Comp held at Christ University, Bengaluru	13 Feb 2016
11	Ms Amritha Ravi, BACA - Fourth course	Bronze Medal in Chef Comp held at Christ University, Bengaluru	13 Feb 2016

Photo archive of important events:



One month short term courses

- Cookery for Home Makers
- Cookery for Commercial Cooks
- Bakery for Home Makers
- Bakery for Commercial Bakers



“Indian Sweet” by Chef Surajit Pal, Hotel Ocean Pearl, Mangalore



New Culinary Arts and Culinary Museum Building ground breaking ceremony



Culinary Boot Camp: Indian Cuisine and Culture - 2016



Culinary Enthusiastic program



Chef K Thiru won "Best Culinary Educator of the Year" from IFCA and WACS



"Culinary Delights of the Dakshina Kannada Region" for the students of Department of European Studies



Theme Lunch on the theme of "Dakshin Chemistry"



International Chef's Day conference



Chef K Thiru won the prestigious "Cochran Fellowship Award" on Culinary Arts by United States Department of Agriculture (USDA)



Field Trip

MANIPAL COLLEGE OF NURSING MANIPAL

Madhav Nagar, Manipal

Phone Number: 0820 2922443

Email-Office: office.con@manipal.edu, Dean: anice.george@manipal.edu



Name of Dean: Dr Anice George

Established: 1990

Programs:

- Basic BSc Nursing
- Post Basic BSc Nursing
- Post Basic Diploma in Nursing
- MSc Nursing
- MPhil Nursing (Part-time)
- PhD Nursing

About institution:

Established in 1990, Manipal College of Nursing (MCON), Manipal, is one of the leading institutions in India for Nursing Education and Research. The mission statement of Manipal College of Nursing Manipal is consistent with that of its parent organization, Manipal University.

The vision and mission statements of Manipal College of Nursing Manipal respectively are:

“To be a world class nursing institution with international standards and a hallmark of excellence in Nursing Education, Practice and Research” and “Excellence in nursing education, healthcare services, research and commitment to human development.” There are a set of standards, values and goals that the institution upholds. The college is certified by ISO 9001:2008 and 14001:2004. Manipal College of Nursing, Manipal, has been ranked as the fourth best nursing college in India (web survey) and third in the most preferred Nursing College in recruiters’ choice (The Week Survey). MCON, Manipal, is one of the four Nursing Institutions in India whose degree is approved by Singapore Nursing Board.

Core objectives:

To offer professional education of high pedagogic excellence, optimal learning environment and opportunity for personal and professional growth.

To encourage community participation and interaction with National and International healthcare organizations.

To develop professional competency and research skills in students and faculty.

Speciality areas:

The college houses six clinical nursing departments to cater to the academic needs of the students.

The Clinical Nursing departments are:

- Fundamentals of Nursing
- Community Health Nursing
- Obstetrics and Gynaecology Nursing
- Child Health Nursing
- Medical Surgical Nursing
- Mental Health Nursing

New initiatives:

Sl no	Activity	Particulars
1	Conducted Continuing Nursing Education (CNE) at Al Salam International	A total of six groups of faculty members of the college went to Al Salam International Hospital, Kuwait and conducted CNE for their staff nurses on their topics of interest.
2	Initiated Bioethics training programs for UG and PG students	These sessions are conducted both for undergraduate and postgraduate students to equip them with the legal and ethical aspects in relation to the patient care. This will enable them to safeguard both the patients and themselves in their practice arena. The topics are planned in the beginning of the academic year and faculty who are trained in bioethics course as well as the faculty from KMC are taking the sessions.
3	Initiated a Student Counselling Unit	Department of Psychiatric Nursing of the college has constituted a Student Counselling Cell to assist those students who may experience academic challenges caused by personal, physical, family or emotional difficulties and to assist them to cope with dilemmas in their personal development or with painful life events. The services are preventive and educational in nature and come from a developmental perspective.
4	Formulated an Institutional Student Research Forum (SRF-MCON)	Under Research Core Committee, each college should have student body for representing research activities amongst the student groups. Faculty representative is Dr Sonia and student is Mr Anil Raj. There will be one selected member from each batch and the activities of the students' forum is to motivate the students to do research and publish them in scopus indexed journals.
5	Constituted a Research Core Committee to enhance the research visibility	One member from each department is selected to this committee. The main aim of this committee is to explore on grants, apply for grants and obtain the grants.
6	Nurse Practitioner in Critical Care post graduate residency program	Nurse practitioner in critical care post graduate residency program has got approval from Manipal University to begin from 2017 academic year onward. Program is also approved by Indian Nursing Council subject to their inspection.
7	Add on Courses – Advanced Critical Care Nursing, Emergency Nursing, Infertility Nursing and Neonatal Nursing	These courses will equip the graduates and post graduates with extra clinical expertise. The program provides competency based assessment on completion with 30 hours of instruction and 90 hours of clinical exposure to ICUs and Emergency units.
8	Open electives on Medical Emergency and First Aid for MIT 6th semester students	Thirty hours of classes and demonstrations on Medical emergencies and first aid is offered for MIT students.
9	Awareness on Adolescent Health for School Children	Initiated awareness regarding Adolescent Health for Schools of Udupi district.

All other activities in the department relating to the program/course:

Sl no	Activity	Particulars
1	Lighting of the Lamp Ceremony	The lighting of the lamp ceremony – stepping into the professional life by the 26th Batch of BSc Nursing (2015-16 batch) students was held on Jan 09, 2016. Lt Rita Thomas, Nursing Superintendent, KMC Hospital, Mangalore was the Chief Guest of the function.
2	Seminar on Trends in Health Care	A seminar on Trends in Health Care was organized by first year MSc Nursing students of the college on 22 Jan 2016.
3	Exhibition on Audio Visual Aids	Exhibition on Audio Visual Aids by second year PB BSc Nursing students of the college was organized on 27 Jan 2016.
4	Adolescent – Issues and Concerns	Mrs Sheela Shetty and Mrs Yashoda, faculty from MCON spoke on “Adolescent – Issues and Concerns” during an outreach program organized by Rotary Club on 8 Jan 2016. They spoke on changes during the adolescent period and understanding the adolescent changes and managing the adolescent.

Sl no	Activity	Particulars
5	Birth Anniversary of Swami Vivekananda	To commemorate the birthday of Swami Vivekananda – maker of Modern India, National Youth day is celebrated on 12 Jan 2016. The theme for the year 2016 is “Indian Youth for Development, Skill and Harmony.”
6	Workshop on “Team Based Learning”	A Mini Workshop on Team Based Learning was organized by the Department of Community Health Nursing and the College CNE Committee on 19 Jan 2016 along with Dr Elissa Ladd, Associate Professor, MGH Institute of Health Professions, Boston.
7	Annual Day of the College	The 26th Annual Day of the college was held on 30 Jan 2016 and Dr Santy N Sajjan (alumnus of MCON) – General Manager, Columbia Asia was the Chief Guest of the function.
8	Health Awareness Program	To promote the health awareness among the primary school students, the third year BSc Nursing students of Manipal College of Nursing, Manipal, organized health awareness program in three groups on 11 Sep 2015, 13 Nov 2015 and 5 Feb 2016, at Manipal Academy School, Manipal.
9	Seminar on Childhood Cancer Day	Seminar on Childhood Cancer Day on the theme “ACT NOW” was organized on Feb 10, 2016. Faculty from the constituent institutions of MU including the College faculty took sessions on different topics. A total of 150 students and faculty attended the seminar from in and around Udupi.
10	Workshop on Forensic Nursing	A two-day workshop on Forensic Nursing was held on 11 and 12 Feb 2016. Experts in the field of Forensic Science took sessions spreading light into the field of Forensic Nursing and its implications in the medico-legal aspects. Nursing Professionals, PG students in Nursing and Health Care field and Researchers attended these sessions to boost up their cognitive domain with up to date information on Forensic Nursing.
11	Nursing Research Methodology Workshop	This workshop was conducted from 22-24 Feb 2016 and many topics which are beneficial to the postgraduate nursing students were dealt in this workshop.
12	Swachh Bharath Abhiyan	“The Swachh Bharath Pledge Taking Ceremony” was organized by the College on Feb 27, 2016. Dr Anice George, Dean, gave the overview of the “swachh” mission and also emphasized the importance of maintaining cleanliness in and around the surrounding environment where we live starting from the classroom, hostels etc.
13	Nursing Research Methodology	The Research methodology workshop was conducted from Feb 22-24, 2016 attended by 18 participants from CON ACME, Pariyaram and CON Thalassery. Sessions on different topics were taken by the college Faculty Members.
14	Family Day of MCON Manipal	The Staff welfare committee of the college organized a Family Day for the faculty and non-teaching staff of Manipal College of Nursing and Manipal School of Nursing (MSON), Manipal on 13 Feb 2016.
15	MCON HoDs Retreat	The first retreat for the HODs of the College along with Dean MCON Manipal, Dean, School of Nursing Mangalore and Principal Manipal School of Nursing Manipal was held on Mar 05, 2016 at Tin Ton River Palms, Kundapur. The retreat was planned to prepare and finalize Vision 2020 of the institution in line with Manipal University’s Vision 2020. Dr Fiddy J Davis, HOD, Department of Exercise and Sports, School of Allied Health Sciences, was the resource person for the retreat.
16	International Women’s Day	Faculty and students of Obstetrical and Gynaecological Nursing of the college in collaboration with G Shankar Government Women’s First Grade college and PG study Centre Ajjarkkadu, Udupi, had celebrated Women’s Day on Mar 08, 2016 based on the theme “Pledge for parity.” Various activities like debate competition, drawing competition, poster, radio program, outreach program, mime on status of women were organized.

Sl no	Activity	Particulars
17	CNE on “Basics of critical care”	Critical care specialty students of the college organized Continuing Nursing Education program – a hands on experience for the ICU nurses of Kasturba Hospital Manipal on Mar 12, 2016.
18	World Tuberculosis Day – Unite to End TB	“World Tuberculosis Day - Unite to End TB” was organized by the College on 23 Mar 2016, a street play on “Management of TB” on 18 Mar 2016, were conducted to create awareness of TB in general public.
19	Health Awareness Program	The faculty from Manipal College of Nursing and Manipal School of Nursing conducted an awareness program on “Adolescent Reproductive Health” at St Lawrence High School, Moodubelle, for 8th and 9th standard children on 28 Mar 2016. The session highlighted on the physical, cognitive and social changes that occur during adolescent period.
20	Diabetic Screening Camp	The Dept of Community Health Nursing, in association with Dept of Ophthalmology and World Diabetes Foundation, KH, Manipal, District N D C Cell, Udupi; Dept of Community Medicine KH, 38th Athrady Panchayat and Rotary Club Manipal town had conducted Diabetes Screening Camp on 5 Apr 2016, at Shri Durgamba Bhavani Temple Hall, Athrady. The camp activities included – awareness on diabetes, general health checkup, diabetes screening, eye checkup, free spectacles distribution based on the needs, referral for cataract surgery and diabetic foot assessment. Total of 118 patients (76 females and 42 males) registered for the camp.
21	Haemophilia Workshop	The college in collaboration with Hemophilia Society, Manipal organized a “Hands on workshop on Management of Patients with hemophilia and other bleeding disorders” on 8 Apr 2016 at Medical Simulation Centre, MU.
22	National workshop on IPE and IPP	The Dr TMA Pai Chair in IPE, Manipal College of Nursing Manipal and MUFILPE jointly hosted one day national workshop on IPE and IPP on 30 Apr 2016 at Manipal University to orient the health care professionals about transforming health workforce education to support universal justice with quality. This calls for instructional reform for healthy equity and innovation.
23	International Nurses’ Day 2016	The theme chosen for International Nurses’ day was “Nurses: A force for change: Improving health systems’ resilience.” Manipal College of Nursing and Manipal School of Nursing, Manipal University, Manipal observed week long activities to commemorate this significant event in the profession. The formal program was held on 12 May 2016 with Capt Ajitha P S, Chief Nursing Officer at Premium healthcare, Calicut as the Chief Guest for the program.
24	Continuing Nursing Education – 2016	Dept of OBG Nursing along with second year OBG nursing postgraduate students organized a CNE program on “Obstetrical Emergencies” for staff nurses of Kasturba Hospital, Manipal and Dr TMA Pai Hospital, Udupi.
25	State level Disaster Management training	The Manipal College of Nursing (MCON) Manipal in collaboration with Bharath Scouts and Guides, Karnataka, Udupi District association conducted emergency first aid training for the rangers and rovers on 30 Jul 2016 at Dr V S Acharya Bharath Scouts and Guides Training Centre Pragathinagar, Alevoor, Udupi. From all over Karnataka 200 students attended the program.
26	Faculty Development Program – 2016	The Continuing Nursing Education committee of the College organized Faculty Development Program 2016 from 26 to 28 Jul 2016. The Chief Guest of the program, Dr Joseph Thomas M, in his inaugural speech, focused on three main teaching learning aspects, namely unlearning the learned things for better prospect of the students, thinking beyond the role of a teacher considering all domains of learning of the students and accepting the new roles by a teacher at all times.
27	Orientation Program – 2016	Fresher’s Orientation program was organized on 1 Aug 2016. The Chief Guest of the program, Dr Narayana Sabhahit, Registrar, Manipal University addressed the newly joined students and their parents and gave orientation about the Manipal University.

Sl no	Activity	Particulars
28	Slum Visit – 2016	Health and social welfare committee of Student Nurses' Association 2016-2017 organized a slum visit on 15 Aug 2016 to Baliga slum, Udupi and spent some time with under privileged people who live there. Health education on "personal and environmental hygiene" and "mosquito borne disease prevention" was given to about 25 families residing there.
29	Independence fortnight celebrations Azadi 70 – Yaad Karo Kurban	The college Student Nurses' Association conducted various activities as part of "Azadi 70 – Yaad Karo Kurban" (Freedom Fortnight) celebration to re-instill the spirit of freedom struggle and national movement among the younger generation.
30	Breast Feeding Week Celebration – 2016	World Breastfeeding Week was observed from 1-7 Aug 2016 on the theme "Breastfeeding: A Key to Sustainable Development." Number of activities were organized for the college students, nurses, ASHA workers and the postnatal mothers. The theme focused on the 17 Sustainable Development Goals (SDGs) that governments around the world have agreed to achieve by 2030 through the protection, promotion and support of breastfeeding.
31	Curriculum convention for Nursing at Manipal University	Curriculum convention in nursing was organized for the second time at Manipal College of Nursing, Manipal University, Manipal on 12 Sep 2016 with a view to bring about changes that are perceived by the stake holders for a change in the current curriculum that might reinforce and contribute to the nursing council for its innovation and change.
32	Nutrition and Health Awareness Program at Community	The first year MSc nursing students of Manipal College of Nursing, Manipal, MU, conducted a nutrition and health awareness program on Sep 10, 2016 at Shanthinagar community, Udupi Taluk. This was conducted based on the identified need of the area after having visited that area for one week as part of the clinical requirement for the subject Advanced Nursing Practice.
33	World Suicide Prevention Day 2016	Among the three leading causes of death in the world, suicide ranks third place. With a view to bring down the incidence of suicide, the International Association for Suicide Prevention (IASP) and the World Health Organization (WHO) observe World Suicide Prevention day every year.
34	World Heart Day Observation 2016	As a part of World Heart Day 2016, a Health Awareness program was organized on 1 Oct 2016 by the Dept of Community Health Nursing, Manipal College of Nursing Manipal, at Anganawadi Madaga.
35	Debate on "Nursing as a Profession"	Fundamentals of Nursing department organized a debate for First year BSc nursing students on the topic "Nursing as a Profession" on 9 Sep 2016.
36	World Mental Health Day 2016	To commemorate the World Mental Health Day, faculty and second year MSc nursing students of Dept of Psychiatric Nursing, Manipal College of Nursing, Manipal, organized various programs on the 8 to 11 Oct 2016 in Manasa Special School to raise awareness on mental distress and to promote positive well-being among the special children, their parents and the teachers.
37	World Obesity Day	As a part of World Obesity Day 2016, awareness program was organized on 20 Oct 2016 by the Department of Community Health Nursing, Manipal College of Nursing, Manipal, at Indrali English Medium High School, Indrali, Udupi.
38	Rashtriya Ekta Diwas Celebration – 2016	The Student Nurses' Association of the college conducted various activities on 31 Oct 2016 as a part of Rashtriya Ekta Diwas celebration. A pledge taking ceremony, led by Dr Christopher Sudhaker, was held at 10:45 am in the college.
39	Visit to Global Nursing Summit at Barcelona, Spain	Global Cardiovascular Nursing Leadership Forum (GCNLF) two-day summit, to understand the global burden of cardiovascular diseases (CVD) was held in Barcelona Hilton, Barcelona, Spain from 27-29 Oct 2016. Mrs Sulochana B, Associate Professor, Manipal College of Nursing represented the summit from India.

Sl no	Activity	Particulars
40	World Diabetes Day Observation – 2016 Theme: Eyes on Diabetes	The Manipal College of Nursing, Manipal, in collaboration with Manipal Institute of Technology, Manipal, organized diabetes screening program at MIT campus Manipal for faculty and non-teaching staff on Nov 14, 2016. Chief Guest, Dr Gopalakrishna Prabhu, Director of MIT Manipal highlighted the importance of screening at the door step which is hassle free for people. He said, routine screening for complications of diabetes plays a vital role in preventing complications.
41	Children’s Day Celebration	The faculty, first year MSc nursing students and third year BSc nursing students of department of Child Health Nursing, Manipal College of Nursing, Manipal, organized Children’s Day program on 15-17 Nov 2016 at Asha Nilaya, a home for the mentally challenged children, Udupi and CSI boy’s orphanage, Snehalaya, Udupi respectively.
42	Outreach program on Adolescent Health	An awareness program was conducted on adolescent health for the female students of SMSP Sanskrita High school on 18 Nov 2016. The resource person Dr Mamatha S Pai had an interactive session on the adolescent health concentrating on the changes during adolescence and management.
43	Constitution Day	The College observed the Constitution Day on 26 Nov 2016. As it was the Annual sports meet of the institution, the pledge taking ceremony was conducted during the inaugural function of the sports meet.
44	Newborn Week Celebration. Theme – “Quantum of Quality Neonatal Care - Way forward”.	Based on the theme, students of the college planned various activities, viz – assessing the newborn health status and provided health education on exclusive breastfeeding, immunization and nutrition aspect to the mothers in various rural maternal and child welfare centers.
45	Workshop on Systematic Reviews	The Research Core Committee and Doctoral Research Scholars of Manipal College of Nursing, Manipal, organized a workshop on Systematic Reviews on 29 and 30 Nov 2016 to strengthen the knowledge of researchers in the area of Systematic Reviews.
46	World AIDS Day	Manipal College of Nursing (MCON) Manipal observed World AIDS Day by organizing a series of events by the Department of Fundamentals of Nursing. It is an opportunity for every community to unite in the fight against HIV, show support for people living with HIV and remember those who have died.
47	School Health Program	To promote the health among the school students, the first year MSc Nursing students of Manipal College of Nursing, Manipal, conducted a school health program on 2 Dec 2016, at Government Higher Primary School, Herga, to sensitize students about the need of preventing diseases and promotion of health.

Details of guest visit:

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
1	Dr Elissa Ladd	MGH Institute of Health Professions, Massachusetts	MGH Institute of Health Professions	Guest Lecture on “Team Based Learning” to faculty of MCON Manipal	19 Jan 2016
2	Dr S P Gaur IAS (Retd)	Govt of India	Former Secretary to Ministry of Shipping	Visit to see the facilities offered	28 Jan 2016
3	Ms Penny McCarthy, Clinical Nurse Consultant	Ronald Sawers Hemophilia Centre, Melbourne	Ronald Sawers Hemophilia Centre	Guest Lecture on ‘Management of Hemophilia)	12 Apr 2016
4	Dr Johis Ortega Dr Dean Nilda Peragallo Dr Pedro Montano	University of Miami, USA	University of Miami	Discussion on student exchange program	26 Apr 2016
5	Director General Myanmar, Burma	SML Business Group	SML Business Group	Initiating a Nursing Course of one month duration for their Students	25 Jun 2016

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
6	Dr Diego A Deleon	University of Miami	School of Nursing and Health Studies	Guest Lecture on "Role of Nurse Practitioner" to faculty of MCON Manipal	17 Aug 2016
7	Dr Pameela Wood	Federation University Australia	Associate Dean, Research in the Faculty of Health	Plan and organize a range of research collaborations between the two Universities	23 Aug 2016
8	Prof Morgan Chetty and Prof Tahir Pillay	Chairman, IPA Foundation of South Africa		Came to check the Syllabus and discussion with Dean as MEMG wanted to start a Nursing College in South Africa	28 Jul 2016
9	Dr Shirley David	CME Vellore	Assoc Dean, College of Nursing, CME, Vellore	Moderator for the Curriculum Convention	24 Sep 2016
10	Dr Charan Tej Koysl	Manipal Hospital Vijayawada		Student recruitment	27 Dec 2016

Conferences attended by Institution faculty and students:

	National	International
Faculty	25	22
Students	--	03

Details of conferences/workshops conducted by the institution:

Particulars	National	International
CNE	11	--
Workshops	7	--
Seminars	2	--

Details of research grants:

Sl no	Project Name	Principal Investigator	Funding Agencies	Total Grants Proposed (INR)	Total Grants Sanctioned (INR)	Total Grants Received with date (INR)
1	Effectiveness of a mHealth (mobile /smartphone) based Preterm Home Care Program (m Health PHCP) on the developmental outcomes of pre-terms	Dr Baby S Nayak	DBT	57,98,588	46,18,708	24,32,438
2	Impact of awareness program on symptom management among advanced cancer patients and their family care givers	Ms Malathi G Nayak	ICMR	4,77,750	4,77,750	2,38,875
3	Capacity building for nurse educators to conduct multidisciplinary research in geriatric area	Dr Anice George	ICMR-DHR program for support to institutions under HRD-HR scheme	1,09,39,600	55,00,000	17,84,441 5,85,680
4	Study on child abuse, and its relationship with attitude of adults and socio-demographic variables	Mrs Sangeetha Priyadarshini	ICMR	10,76,250	10,76,250	4,19,227 3,10,625

Details of travel grants:

Sl no	Name of the conference with date	Beneficiary	Funding Agency	Total travel Grant Received (INR)
1	Twenty second annual symposium of Preventive cardiovascular nurses Association (PCNA) -2016 (14-17 Apr 2016)	Mrs Sulochana B	Preventive cardiovascular nurses association, Orlando, USA	75,000
2	World Haemophilia Congress – 2016 (24-28 Jul 2016)	Mrs Sulochana B	World hemophilia federation Canada	175,000
3	International Conference on Cancer Nursing 2016, Sheraton Hong Kong Hotel and Towers, Hong Kong (4-7 Sep 2016)	Mrs Shejila C H	Science and Engineering Research Board, Department of Science and Technology, Govt of India	35,000

Awards/recognition:

Institution:

Sl no	Name	Details	Date
1	Mrs Manjula, Asst Professor	Best Teacher Award	28 Jan 2017
2	Mrs Sheela Shetty, Asst Professor – Sr Scale	Best Teacher Award	28 Jan 2017
3	Mrs Shalini G Nayak, Lecturer	Most Accomplished Faculty Award	28 Jan 2017
4	Mrs Shalini G Nayak, Mrs Janet Alva and Mrs Prima J J Douza	Innovative Idea during the Innovation Day “Urosac Comforer” – Won the first prize	19 Dec 2016
5	Mrs Leena Sequira, Mrs Janet Prameela D’Souza and Dr Elsa Sanatombi Devi	Innovative Idea during the Innovation Day “Supporting device during plaster cast application to the extremities” – Won the first consolation prize	19 Dec 2016

Faculty members:

Sl no	Name	Details	Date
1	Mrs Sulochana. B Associate Professor	Awarded travel grant for participating in the 22nd Annual Symposium of Preventive Cardiovascular Nurses Association (PCNA) – 2016 by the Preventive Cardiovascular Nurses Association, Orlando, USA	14-17 Apr 2016
2	Mrs Sulochana B	Awarded travel grant for participating in the World Hemophilia Congress – 2016 by World Haemophilia Federation, Canada	24-28 Jul 2016
3	Mrs Sulochana B	She was representing the country for the Global Cardiovascular Nursing Leadership Forum (GCNLF) at Hilton Barcelona, Spain	27-29 Oct 2016
4	Mrs Shobha	Won the third position in the Paper Presentation at the NRSICON 2016 – 20th Annual National Conference of Nursing Research Society of India. Paper was on “Prevalence of Gestational Diabetes Mellitus in South Asian Region – A Systematic Review”	21-23 Oct 2016
5	Dr Tessy Treesa Jose	Won the best paper award for her paper on “A descriptive study on Psychiatric Morbidity among Nurses Working in selected Hospitals of Udupi and Mangalore Districts, Karnataka, India” in the ICNHM 2016 – International Conference on Nursing and Healthcare Management organized by the Work Academy of Science, Engineering and Technology, Dubai UAE	21-22 Sep 2016
6	Dr Blessy Prabha Valsaraj	Won the best poster award in the TB awareness poster competition on the theme “Unite to End TB” organized by Medical Surgical Nursing Department of Manipal College of Nursing.	23 Mar 2016
7	Mrs Shalini G Nayak	Won first prize in the poster presentation on the theme “Beat Diabetes -- Scale up prevention, strengthen care and enhance surveillance” organized by Department of Community Health Nursing, MCON Manipal	6 Apr 2016
8	Mrs Janet Alva, Asst Professor	Won first prize in the poster presentation on the theme “Beat Diabetes -- Scale up prevention, strengthen care and enhance surveillance” organized by the Department of Community Health Nursing, MCON Manipal	6 Apr 2016

Sl no	Name	Details	Date
9	Mrs E Binu Margaret – Assistant Professor – Selection Grade	Won first place in poster presentation on the theme - “We Can, I Can” organized by Manipal College of Nursing, Manipal during the International Childhood Cancer Day	9 Feb 2016
10	Mrs Sheela Shetty, Assistant Professor – Sr Scale	Won first place in poster presentation on the theme - “We Can, I Can” organized by Manipal College of Nursing, Manipal during the International Childhood Cancer Day	9 Feb 2016

Students:

Sl no	Name	Details	Date
1	Mrs Shejila C H, PhD Scholar	Awarded travel grant to participate in the International Conference on Cancer Nursing 2016, Sheraton Hong Kong Hotel and Towers, Hong Kong, by Science and Engineering Research Board, Department of Science and Technology, Govt of India	4-7 Sep 2016
2	Mr Vishnu Renjith, PhD Scholar	Won the Best Paper Award for his paper on “Quality of Evidence, Systematic Review and Mega Analysis on Effectiveness of Yoga in prevention of migraine headaches’ presented in the National Workshop on “Emerging Research Culture – A Pathway to Evidence Informed Health Care “at A B Shetty Memorial Institute of Dental Sciences, Deralakatte, Mangaluru	18-19 Feb 2016

Extra-curricular activities:

Sports activities:

In institution:

Sl no	Event	Details	Date
1	67th Republic Day	The contingent of Manipal College of Nursing Manipal was awarded the 3rd best contingent in the 67th Republic Day Celebration organized by the Manipal University	26 Jan 2016
2	Annual Sports Meet	The 26th Annual Sports Meet of Manipal College of Nursing Manipal at MIT Stadium	26 Nov 2016

Inter Institution:

Sl no	Event	Details	Date
1	Intercollegiate Swimming Competition	Ms Karin Sofi Madeleine Andersson, MCON Manipal participated and won many prizes	6-7 Feb 2016
2	Intercollegiate Athletic Meet conducted by MMMC, Manipal	Students of our college participated in the various events and won prizes	25-26 Feb 2016
3	MU Inter Collegiate Best Physique Competition	Mr Tenzin Yarphe from MCON Manipal won the first prize in 60-65 kg category	21 Mar 2016
4	Intercollegiate Volley Ball Tournament (Men and Women) – 2016	Manipal College of Nursing, Manipal, organized the Intercollegiate Volleyball tournament of Manipal University at KMC Volleyball court. The students from 14 constituent institutions of Manipal University participated in the event.	7-8 Mar 2016
5	Mysore Zonal competitions – Discuss Throw	Ms Joanna Banet D Cunha, MCON Manipal won the first prize	6 Apr 2016
6	Mysore Zonal Competitions – Javelin throw and 100 mts race	Mr Gautham Kumar, MCON Manipal won the second prize	6 Apr 2016
7	Independence Day	Twenty-one contingents from various institutions participated in the Independence Day parade. Best three contingents were awarded. Manipal College of Nursing Manipal secured the first place as the best contingent award	15 Aug 2016
8	Volleyball Event	Intercollegiate volleyball event was held and Manipal College of Nursing Manipal won the first place	22-23 Oct 2016

Photo Archive of Important events:



Lamp Lighting Ceremony



Slum visit by faculty and students



Workshop on Trends in Health Care



Swachhata Bharath – Pledge taking



Birth Anniversary of Swami Vivekananda



Forensic Nursing Workshop



Hands-on Workshop on Management of Paediatric Patients with Hemophilia & Other Bleeding Disorders



Annual Day 2016



Observing Rashtriya Ekta Diwas



Systematic Reviews Workshop

MANIPAL SCHOOL OF NURSING

MCON, Manipal University, Manipal

Phone Number: 0820 2922158

Email-Office: office.son@manipal.edu, Principal: kasutir.adiga@manipal.edu



Name of Dean: Dr Anice George

Established – ANM training School – 1959

GNM/DNM training – 1962

Programs:

- Diploma in Nursing and Midwifery

About institution:

Manipal School of Nursing made a humble beginning in the year 1959 because of the insight and wisdom of our founder Dr TMA Pai, who relentlessly worked with the conviction that “education helps to remove the ills of society.” The government aid was very little if any. The School took its first steps as the Auxiliary Nurse Midwives training center and was later upgraded as the General Nursing and Midwifery training center in the year 1962. The professional educational program is geared to prepare nurses to meet the health needs of individual, family, community and the country at large. The scope of diploma nursing is very vast and includes practice in hospitals, community, industry, air force, navy, army, hospitality

sector, education, administration and many others in the country and abroad. It also forms a strong foundation for advanced courses in nursing. The MSON is recognized as a Centre for KSDNEB examinations. Nearly 1500 students from 10 institutions of Udupi district attend the theory examination in this centre. The School is also certified by ISO 9001-2000 and Integrated Management System and accredited by Karnataka Nursing Council and Indian Nursing Council. Annual sanctioned intake of the School is 60 with 10 percent seats reserved for Govt sponsored candidates. Currently DNM program is of three years duration. Final year result in the last academic year was 100 percent.

Institutional activities/curricular activities:

New initiatives:

Sl no	Activity	Particulars
1	OSPE	For Internal Assessment
2	Research project	Survey on houses with Larva positive sources

Details of guest visit:

Guest lectures:

Sl no	Visitor	Name of the University	Purpose of visit	Date of visit
1	Dr Basanthi Majumdar	McMaster University, Canada	Endowment Chair	Jan 2016
2	Prof Elisa Ladd	MGH Inst Of Health Profession, Boston	Endowment Chair	Jan 2016
3	Jaya Kuruvilla	Principal, Hinduja College of Nursing, Bombay	Chief Guest	Dec 2016

Details of publications:

National		International	
Indexed	Non-Indexed	Indexed	Non-indexed
1	--	--	--

Conferences attended by Institution faculty and students:

	National	International
Faculty	95	1

Details of conferences/workshops conducted by the institution:

Particulars	National	International
Seminars	1	--

Awards/recognition:

Faculty members:

Sl no	Name	Details	Date
1	Ms Soumya Alex	World Health Day Poster – Best Poster Award	7 Apr 2016

Students:

Sl no	Name	Details	Date
1	Ms Sushmitha	First place in Hurdles in Inter Collegiate Sports	Feb 2016

Photo archive of important events:



Scientific Exhibition – 14 Jan 2016



Lamp Lighting



Scientific Exhibition – 14 Jan 2016



Lamp Lighting



Lamp Lighting and Annual Day – 22 Feb 2016



Annual Sports Meet



Symposium on "Safety in Health Care" – Feb 27, 2016

MELAKA MANIPAL MEDICAL COLLEGE

Melaka Manipal Medical College, Manipal – 576 104

Phone Number: 0820 2922519

Email-Office: office.mmmc@manipal.edu, Dean: ullas.kamath@manipal.edu



Dean – Dr Ullas Kamath

Established – 1997

Programs

- MBBS, BDS

About institution:

The MBBS program offered by MMMC is the outcome of a Memorandum of Understanding (MoU) between JVMC Corporation Sdn Bhd, Malaysia and Manipal Education and Medical Group (MEMG). The students undergo two years of basic sciences and six months of clinical training in Manipal followed by two and a half years of clinical training in Malaysia. The twinning program and the establishment of the Melaka-Manipal Medical College was approved by the Ministry of Education, Malaysia and the MBBS degree is recognized by the Malaysian Medical Council and Government of Malaysia. The student intake for the year 2016 was 278. MMMC started offering the BDS program

from 2009 and the intake in 2016 was 77. The Malaysian accreditation agency granted a five-year accreditation for the MBBS program of MMMC in 2015, a first for a private university in Malaysia. The curriculum follows a hybrid mode of delivery incorporating active learning strategies along with traditional methods including lectures, problem-based learning (PBL) and clinical attachments. Other curricular innovations implemented are Personal and Professional Development (PPD) training, Mentored Student Projects (MSP), Basic Life Support (BLS) course and conducting of examination using digital platform like “e-pad.”

Institutional activities/curricular activities:

New initiatives:

Sl no	Activity	Particulars
1	Digital Practical in Biochemistry	Biochemistry dept pioneered the use of digital laboratory for conducting practical's in November 2016
2	Anatomy Pre-Dissection Activities	Dept of Anatomy organized pre-dissection activities such as a rangoli competition of neuroanatomical structures. These activities also include query videos and certain Game Based Learning strategies like dumb charades, crosswords and word search in December 2016

Sl no	Activity	Particulars
3	Digital examination for internal and university examinations	In the year 2016 students appeared internal block exams using the “e-pad”, which is a completely digital platform used for objective and subjective answering as well as evaluation, thereby reducing massive consumption of paper and time.
4	Use of Clickers	Department of Pathology initiated the use of clickers for summative assessment and review sessions.

All other activities in the department relating to the program/course:

Sl no	Activity	Particulars
1	MCQ workshop	MMMC Faculty Initiative for Recreation and Empowerment was inaugurated last year and has various sub groups working towards enriching skills and overall work experience. Dr Ramnarayan conducted an MCQ workshop in Jan 2016.
2	a) Fundamentals of student assessment (FoSA) workshop b) Digital laboratory workshop c) Workshop on blueprinting	M-FIRE club regularly conducted sessions for faculty including, Fundamentals of Student Assessment (FoSA), Digital laboratory workshop and workshop on blueprinting
3	Coagulation workshop	Department of Pathology, MMMC and Haemophilia Society Manipal, organized a “Hands on workshop on Coagulation for post graduates” in Jan, 2016
4	CME and Workshop on Cardiopulmonary Resuscitation	A CME and workshop on Cardiopulmonary resuscitation was conducted by the department of Physiology in association with Rotary Club Manipal Town and Medical Simulation Centre in Mar 2016
5	First Aid Training for Anti Naxal Forces	A unique workshop on first aid training was conducted for Anti Naxal Forces of Karnataka Police Force in Jun, 2016
6	Anatomy Workshop	Department of Anatomy organized a two-day long workshop on cadaveric and human demonstration for dry needling techniques in Sep 2016 attended by 35 participants from all over India
7	DAAN Utsav	On 6 Oct 2016, MMMC, reached out to Rajeev Nagar Government School and inaugurated “The healthy School Project” under the DAAN Utsav initiative. MMMC will carry out several health education and teacher empowerment projects with this school for the next one year
8	Pharmacology Activities	The Department of Pharmacology organized self-directed learning activity called “Fantasy Bullets” and Drug CAKES for batch 37 students for the experiential learning of pharmacokinetic and pharmacodynamic concepts in Nov 2016
9	MICROFEST – Model your Microbe	As a part of Microfest held every year, Model your Microbe, an inter batch competition brings out the best of the creative minds at work. Microfest was organized by the department of microbiology in the month of Nov
10	AIDS Day Marathon	Faculty and students participated in a marathon on the occasion of World AIDS day.
11	Path Theater	Department of Pathology conducted Path Theater in Jan 2017, a competition for students in which pathology concepts are presented in a theatrical form
12	Blood Donation Camp	MMMC student council organized a blood donation camp in collaboration with KMC Blood Bank. Through this camp we were able to contribute 89 units of blood to the blood bank. It was held in Jun 2016.
13	Haemophilia Society activities	Students of MMMC donated Rs 13000 to Manipal Haemophilia society and also volunteered for Asha Kiran, the annual haemophilia society meet.
14	Skype Teaching sessions	Dr G Pradeep Kumar, Professor of Forensic Medicine delivered lectures through Skype to our students in Melaka campus
15	M-FIRE – Faculty retreat	A one day fun-filled faculty and staff retreat was held in Yuva Meridien, Kundapur in Jul 2016 in which several new initiatives for MMMC were discussed, faculty members with 15 years of service were recognized.

Details of guest visit:
Guest lectures:

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
1	Dr Shanmugamurthy Lakshmanan	New Jersey Institute of Technology, USA	Vetha Center for Transdisciplinary (VETHA) Studies	Guest Lecture	Dec 2016
2	Dr Vasant Shenoy	James Cook University, Australia	The Townsville Hospital	Guest Lecture	Dec 2016

Conferences attended by Institution faculty and student:

	National	International
Faculty	36	33

Details of conferences/workshops conducted by the institution:

Particulars	National	International
CME/CDE	1	--
Workshops	8	--

Awards/Recognition:
Faculty members:

Sl no	Name	Details	Date
1	Dr Arul Amuthan	Best research paper at IJPCS 2015 Award in International Journal of Pharmacology and Clinical Sciences	Sep 2016
2	Dr Rajesh T	Best poster award At 34th Annual Meeting of Indian Academy of Neurosciences 2016 and international symposium on Molecules to Mind, held at National Brain Research Center, Gurgaon, Haryana	Oct 2016
3	Mr Abhishek Chaturvedi	Best Poster Award in Second International Conference in Health and Technical Research (ICHTR), Manipal	Dec 2106
4	Dr Yeshwanth Rao K	Recipient of the Australian Endeavour Fellowship 2016. Fellowship carried out in James Cook University, Queensland in the area of "Technology in education", "Medical education" and "Professional development"	Mar 2016
5	Dr Vasudha Devi	Best poster presentation at 11th International Medical Education Conference held at International Medical University, Malaysia	20-22 Apr 2016
6	Mrs Akshatha G Nayak	Won the "Best scientific paper presentation award" at ACBICON 2016	Dec 2016
7	Mrs Rituparna Chakraborty	Best poster award (Research Scholar) at "GUT Microbiome 2016, An International Perspective"	Oct 2016
8	Mr Anand K M	"Best Paper" in technical presentation and research contribution to 8th International Conference on Learning, Education, Education and Pedagogy (LEAP) held at Dubai	Dec 2016
9	Dr Reem Rachel Abraham	1) "Outstanding Scientist Award" in Medical Education by Venus International Foundation 2) "Educator Development Group Award-2016" by Association for the Study of Medical Education (ASME), UK	Jun 2016
10	Mr Jayprakash and Mr Sambit Dash	Second place in Table Tennis doubles in intercollegiate staff athletic meet	Nov 2106
11	Mr Abhishek Chaturvedi	Discuss Throw – Bronze in intercollegiate staff athletic meet	Apr 2016
12	Dr Ullas Kamath	1 km Walk – Silver in intercollegiate staff athletic meet	Apr 2016
13	Ms Melanie	100 mtrs – Gold, 200 mtrs – Silver, Shot Put – Bronze in the intercollegiate staff athletic meet	Apr 2016

Sl no	Name	Details	Date
14	Dr Arunima Chauhan	Discuss throw – Silver, Javelin Throw – Bronze in the intercollegiate staff athletic meet	Apr 2016
15	Dr Smitha Shetty	Long jump – Gold in the intercollegiate staff athletic meet	Apr 2016
16	Ms Sapna	4X100 mts Bronze Medal in the intercollegiate staff athletic meet	Apr 2016
17	Football Team	Football – runners up in intercollegiate staff tournament	Apr 2016
18	Mr Nishanth B Bhat	Mr Nishanth Bhat received the Yon Dan Black belt in Karate and was confirmed the title of “Sensei”	Apr 2016
19	Ms Ashwini L S	Ms Ashwini L S, won third prize in Dessert and Sweet category in Utsav 2016	Apr 2016
20	Mr Sambit Dash	Mr Sambit Dash, Senior Grade Lecturer in Biochemistry published 15 columns on public policy and educational issues in national news portals like India Today’s DailyO and Huffpost India	
21	Dr K Ramnarayan and Dr Sudhakar Nayak	Dr K Ramnarayan and Dr Sudhakar Nayak have conducted 52 workshops in 2016 for faculty development in Manipal group institutions in Manipal, Sikkim, Bengaluru, Jaipur, Mangalore, Nepal and Malaysia. They also conducted 13 workshops in other institutions in different parts of India as well as abroad including Malaysia and West Indies.	
22	Dr Sashidhar V Murthy	Dr Sashidhar V murthy, the adjunct professor of pathology at MMMC conducted workshops in MMMC and MCPD in technology enhanced learning strategies Initiated Digital Microscopy for Pathology teaching. Conducted Pathology review sessions for students using clickers.	
23	Dr Arul Amuthan	He was an invited expert in “India-US workshop on Traditional Medicine on cancer” held at Delhi, March, 2016 and “Brain storming session on Digitization of Naadi” held at VELS University, Chennai Nov 2016	Mar 2016
24	Dr Ciraj A M	He completed Masters in Health Professions Education (MHPE) from Keele University, UK. He was nominated as the Executive member of Indian Academy of Health Professions Educators. He also became a mentor for Coursera learn to teach online course.	Jul 2016

Students:

Sl no	Name	Details	Date
1	Utsav 2016	Utsav 2016 saw MMMC students winning first prize in spot photography, second prize in Western group singing and third prize in Mad Ads	Apr 2016
2	Mr Jeevan	Mr Jeevan of batch 35 was part of the Manipal University team for the second time and played in the South Zone Badminton Tournament 2016. The team came fourth in the event.	Feb 2016
3	Ms Thurgai Tharshainy Sehgar	Ms Thurgai Tharshainy Sehgar Batch 33 won first Place in 400 mtrs, Second place in 800 mtrs in the Manipal University intercollegiate athletic meet	Feb 2016
4	Ms Ashley Cheahsvat Boon	Ms Ashley Cheahsvat Boon of Batch 33 won First place in high jump	Feb 2016
5	Ms Fatin Diyanah		Feb 2016
6	Ms Chu Hui Xin	Ms Chu Hui Xin of Batch 33 won Third place in 1500 mtrs	Feb 2016
7	Ms Fatin Diyanah Ms Thurgai Tharshainy Ms Khairul Munerah Ms Chu Hui Xin	Ms Fatin Diyanah, Ms Thurgai Tharshainy, Ms Khairul Munerah, Ms Chu Hui Xin of Batch 33 won Third place in 4X100mtrs	Feb 2016

Sl no	Name	Details	Date
8	Ms Khairul Munerah, Ms Nur Raudhah Ms Thurgai Tharshainy Ms Ashley Cheahsvat Boon	Ms Khairul Munerah, Ms Nur Raudhah, Ms Thurgai Tharshainy and Ms Ashley Cheahsvat Boon of Batch 33 won Second place in 4X400mtrs	Feb 2016
9	Badminton tournament	In the Manipal University Intercollegiate Badminton Tournament 2015-16, MMMC was the runners up in Men's category	Feb 2016
10	Mr E Ren Lau	Mr E Ren Lau of BDS batch 7 won the men's singles in the Manipal Intermedics Sports Tournament	Feb 2016
11	Ms Methsithini Ms Mabel	Ms Methsithini and Ms Mabel were the runners up in badminton doubles in the Manipal Intermedics Sports Tournament	Feb 2016
12	Hockey – MIST	MMMC men's Hockey team were the runners up in the Manipal Intermedics Sports Tournament	Feb 2016

Photo archive of important events:



Mentored student projects (MSP)



Anatomy Pre-Dissection Activities
MCQ workshop

MANIPAL UNIVERSITY
Melaka Manipal Medical College (Manipal Campus)
Manipal University

Inauguration of 1st DIGI Practical session

The department of Biochemistry at MMMC conducted its first session of DIGI Practical for MBBS students of Batch 39, on November 30, 2016. It was inaugurated by Dr Shashidhar, Professor & Head of Pathology, James Cook University, Queensland, Australia and Adjunct Professor of Pathology at MMMC (Manipal Campus). The DIGI Lab was a dream project of Dr K Ramnarayan, VP, Alumni Relations & Faculty Development and was planned and executed under the able guidance of Dr Shashidhar, Dean of MMMC, Dr Ullas Kamath, Associate Deans Dr Annama Kurien, Dr Arun Prakash, Head of Biochemistry, Dr Chandrika D Nayak and faculty members of Biochemistry at MMMC were present on this occasion.



Digital Practical in Biochemistry



Coagulation workshop



CME and Workshop on Cardiopulmonary Resuscitation



First Aid Training for Anti Naxal Forces



Anatomy Workshop



AIDS Day Marathon



Blood Donation Camp



M-FIRE: Faculty retreat



Ms Ashwini L S, won prize in Dessert and Sweet category in Utsav 2016

INTERNATIONAL CENTRE FOR APPLIED SCIENCES

LG-02, AB-5

Phone Number: 0820 2924018/2924026

Email-Office: office.icas@manipal.edu, Director: rs.aithal@manipal.edu



Name of Director: Dr Radhakrishna S Aithal

Established: 1994

Programs:

- BS Engg

About institution:

International Centre for Applied Sciences (ICAS), Manipal, affiliated to Manipal University started International Engineering Twinning Program (full time, four years duration) in the year 1994 with the objective of providing international education and exposure to Indian students. This program [BS (Engineering)] has been designed as a perfect launch pad for those who aspire to study and graduate from one of the top universities of the world. This is a unique program where the students spend the first two

years in ICAS, Manipal University and the following two years in a university abroad, of their choice (the Engineering Degree awarded by the foreign university only). This is made possible by adopting the high quality curriculum, teaching and evaluation methodologies that are followed by top universities abroad. In the last 23 years, about 1500 students have entered more than 100 foreign universities through acceptable credit transfer from ICAS, pursuing their Bachelors/Masters Degree in Engineering.

Institutional activities/curricular activities :

New initiatives:

Sl no	Activity	Particulars
1	Mechatronics branch started from Aug 2016	--

All other activities in the department relating to the program/course:

Sl no	Activity	Particulars
1	Annual Sports Day held on 5 Mar 2016	Dr Suma Nair, Director Of Student Affairs, MU, was the Chief Guest for the inaugural function and Dr Vinod C Nayak, Secretary of Sports Council, MU, was the Chief Guest for the valedictory function.
2	Annual Day and Awards Ceremony held on 22 Mar 2017	Mr Anshul Mittal, Executive Director, Mittal Appliances Limited, Indore, was the chief guest of the program. Mr Anshul Mittal is an alumnus of ICAS (1997, Mech)

Sl no	Activity	Particulars
3	Paperless Digital Examination was adopted with the help of Littlemore Innovations, Chennai	For 2016 Batch
4	23rd Batch Inaugural program (Orientation) was held on 24-25 Aug 2016 in Chaitya Hall, FIVV	Dr Lyn Bartlett, Associate Dean (Off Campus Program) Andrews University, USA, was the Chief Guest. Twenty five representatives from our partner university in Australia, UK, USA, Canada, France and Malaysia have actively taken part in this event. Mr Saurabh Sangla, Executive Director, Signet Industries Ltd, Indore, an alumnus of ICAS (1998-2000) addressed and motivated the students.
5	Syllabus Revision meeting held on 25 Aug 2016 from 3-5 pm in Senate hall, manipal.edu building	Discussion was held with professors of various branches of partner university. This is with regard to improve the standard/acceptability of ICAS curriculum at par with our partner universities, anticipating better credit transfer for the students.
6	Workshop from ESIGELEC, France "The Written Word" held on 21 Sep 2016.	To know how to write a compelling CV and statement of purpose and also a short presentation on French as a foreign language for the benefit of all students of ICAS
7	Painting Competition was held on 14 Oct 2016 on account of Swacch Bharat Abhiyan "Swachh Pakhwada"	Many students of ICAS have actively taken part in it.
8	Workshop on "Cracking your Dream University Abroad" held on 18 Oct 2016	An awareness workshop on Foreign University Admissions, "Cracking Your Dream University Abroad", is arranged for the benefit of all ICAS students in the Library Auditorium, 4th floor, Central Library, MIT. Mr Syed Pasha, National Head of Admission Counselling at Admission Table, India and Major Deepak Iyer, Co-Founder of Admission Table, India, were the resource persons.
9	Talents Day "REVERB" was held on 22-23 Oct 2016 in Sir M V Seminar Hall and Library Auditorium	The following competitions were held in which our students have actively taken part in most of the competitions. They are as follows; Antakshari, Mad Ads, Street Play, Debate, Quiz, JAM, Singing, Solo/ Duet dance, Group dance.

Details of guest visit (lectures, collaboration, visitors on campus):

Guest lectures:

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
1	Prof Jim Hogan	Queensland University of Technology, Australia	ICAS	Admission to their University	1-2 Feb 2016
2	Prof Mark Lee	University of Birmingham	ICAS	Admission to their University	9-10 Feb 2016
3	Prof Arcot Sowmya	University of New South Wales	ICAS	Admission to their University	12-13 Feb 2016
4	Dr Verlyn Benson	Andrews University	ICAS	Admission to their University	16-17 Feb 2016
5	Prof Baskaran and Mr Dhruv Mohan	Deakin University, Australia	ICAS	Admission to their University	22-23 Feb 2016
6	Dr Alexander Galloway and Ms Anjana Singh		ICAS	Admission to their University	25-26 Feb 2016
7	Mr Mac Laughlin James	Drexel University, USA	ICAS	Admission to their University	26-27 Feb 2016
8	Prof Sanowar Khan	City University London, UK	ICAS	Admission to their University	1-2 Mar 2016
9	Mr Nitin Trikha	Federation University, Australia	ICAS	Admission to their University	2-3 Mar 2016
10	Dr Michele Luxon	Lancaster University, UK	ICAS	Admission to their University	21-22 Mar 2016

Details of publications:

National		International	
Indexed	Non-Indexed	Indexed	Non-Indexed
5	2	3	-

Conferences attended by institution faculty members and students:

	National	International
Faculty members	2	7

Photo archive of important events:



ICAS Annual Day and Awards Ceremony held on 22 Mar 2016



Students performing on Annual Day and Awards Ceremony



Partner university representatives interacting with students and their parents on 25 Aug 2016 during 23rd batch Orientation Program



Workshop from ESIGELEC, France "The Written Word" held on 21 Sep 2016.



Painting Competition was held on 14 Oct 2016 on account of Swachh Bharat Abhiyan "Swachh Pakhwada"



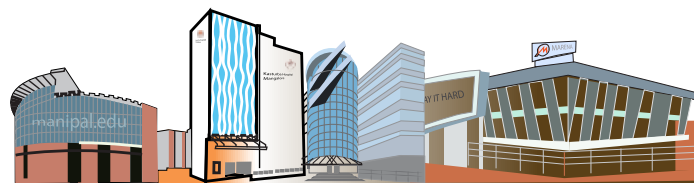
Students performing on Talents Day "REVERB" on 22 Oct 2016



Rashtriya Ekta Divas at ICAS, Manipal was celebrated on 31 Oct 2016

X

Mangalore Campus



KASTURBA MEDICAL COLLEGE

Light House Hill Road, Hampankatta, Mangaluru – 575 001

Phone Number: 1 824 2422271

Email-Office: kmcmng@manipal.edu Dean: kmcmng@manipal.edu



Name of Dean: Dr M Venkataraya Prabhu

Established: 1955

Programs:

Besides undergraduate teaching in Medicine, Physiotherapy and BASLP, the College offers postgraduate training facilities leading to the following degrees and diplomas in Medical Sciences, Master of Physical Therapy (MPT), MASLP, PhD, MSc (Medical) and M Phil:

- MD (General Medicine)
- MD (Paediatrics)
- MS (General Surgery)
- MS (Obstetrics and Gynaecology)
- MS (Orthopaedics)
- MD (Anaesthesiology)
- MS (Oto-rhino-laryngology)
- MS (Ophthalmology)
- MD (Dermatology, Venerology and Leprosy)
- MD (Anatomy)
- MD (Physiology)
- MD (Biochemistry)
- MD (Pharmacology)
- MD (Pathology)
- MD (Microbiology)
- MD (Radio-Diagnosis)
- DGO (Obstetrics and Gynaecology)
- DCH (Paediatrics)
- DA (Anaesthesiology)
- DLO (Oto-rhino-laryngology)
- DO (Ophthalmology)
- DOrtho (Orthopaedics)
- DCP (Clinical Pathology)
- DDVL (Dermatology, Venerology and Leprosy)
- PhD (Anatomy)
- PhD (Physiology)
- PhD (Biochemistry)
- PhD (Microbiology)
- PhD (Pharmacology)
- PhD (Community Medicine)
- MSc (Medical) Physiology
- MSc (Medical) Microbiology
- MSc (Medical) Anatomy
- MSc (Medical) Biochemistry
- MSc (Medical) Pharmacology
- MSc (Clinical Psychology)
- MPT (Master of Physical Therapy)
- MASLP (Master of Audiology and Speech Language Pathology)
- BSc (MRT)

About institution:

Kasturba Medical College, Mangalore, was started in 1955, utilizing the clinical facilities of the Government Wenlock Hospital and Government Lady Goschen Hospital. The pre-clinical section was started in Mangaluru in the year 1961.

The Kasturba Medical College, Mangalore, became an independent College in 1977. Apart from the two Government hospitals, there are other teaching hospitals attached to the College, viz. the KMC Hospital, Attavar,

established in 1992 with a bed strength of 500. The infrastructural facilities are comparable to international standards, with six big air-conditioned lecture halls with seating capacity for 250 people, fitted with modern audio-visual teaching aids including multi-media projectors and a modern, fully air-conditioned library with a seating capacity of about 500 and with internet facility. The library has over 10,000 books and subscribes to more than 350 journals annually.

In the year 2001, the Centre for Basic Sciences was started at Bejai for the first-year students. Apart from the departments of Anatomy, Physiology and Biochemistry, there are two lecture halls with a seating capacity for 250 people and both girls' and boys' hostels within the Basic Sciences Complex for the first-year students. The Kasturba Medical College, Mangalore, provides hostel accommodation for its students in eight hostels. Out of these, five are the girls' hostels.

There is also a Medical Education Unit which conducts Orientation Programs for students, interns and Post-graduates and provides resource material for the teaching faculty members.

The Medical Council of India granted recognition to KMC, Mangalore in 1958 with the first graduating class of KMC. Recognition by the General Medical Council of Great Britain and the Malaysian Medical Council soon followed. New courses, faculty research and student amenities steadily developed over the years. The first College to be developed as a private partnership model in medical education and health care delivery, KMC, Mangalore ranks among the top 25 medical colleges in the country today. It is also the medical college with the highest ICMR STS awards in the country. The Educational Commission recognizes KMC, Mangalore, as one among 20 International Medical Schools for Foreign Graduates (ECFMG) for electronic credentials verification program. The students from 45 countries have graduated from KMC and the degrees have been recognized worldwide.

Institutional activities/curricular activities:

New initiatives:

Sl no	Activity	Particulars
1	MoU	1 Mekelle University, Ethiopia. Ayder Comprehensive Specialty Hospital, Ethiopia 2 University Calude Bernard Lyon, France
2	Gyaan Daan Saptah	Department of Forensic Medicine, KMC Mangalore organized the Gyaan Daan Saptah from October 2– 8, 2016. For the very first time, a tour of the Forensic Museum was made available for the community on 2-8 Oct 2016.
3	Outreach Clinic at Pilar	Weekly Clinic on Thursdays in collaboration with Lion's Club
4	Certificate Course in Recent Advances in Hearing Aid Technology	This course was initiated with GN Resound India Private Limited, Navi Mumbai, known leaders in aural amplification. This is a 10-month long program for UGs, PGs and faculty members of our department with monthly contact programs to guide recent advances in hearing aid technology followed by a written test.
5	Special Achievements: KMC Hospital, Attavar	<ul style="list-style-type: none"> a) A Major milestone achieved by the Hospital in the past academic year was KMC Hospital, Attavar, who got NABH entry level accreditation on 17 Jan 2017. b) To provide comprehensive health care service under one roof, the services of Endocrinology, Neurology have been started with well-trained staff. c) The President of Student council, KMC, Mangaluru inaugurated the dining area in first floor on 10 Dec 2016. d) Inauguration of the renovated NICU was on 24 Jan 2017. e) To speed up the existing IT system the present HIS will be replaced with a new HIS system from 01 Apr 2017. f) Introduced "Allergy clinic" under Pulmonary dept and "Psoriasis Clinic" under Dermatology dept. g) Renovation of OBG OPD in Jan 2017. h) Upgraded existing MLC storage area for better safety i) Renovated by installing a false ceiling at ground floor and first floor area of the hospital for better lighting effect and good ambience. j) Eye Bank license has been received and it started functioning from 01 Mar 2017 k) Installation of Autoclave machine for autoclaving blood bags has been completed. l) Liquid Oxygen Plant installed and started functioning effectively.

Sl no	Activity	Particulars
6	Other Achievements: KMC Hospital, Attavar	<p>1) Manipal Arogya Card: Record Number of 44,842 lives covered and Cards Issued; highest till date.</p> <p>2) Referral Marketing: Average monthly 300 doctors visit at Madikeri, North Kanara, Dakshina Kannada, Kasargod and Kannur Districts yielding Average 83 monthly referrals to the Hospitals for various specialties – Gen Medicine, Pediatrics, PTCD, Gen Surgery and Oncology</p> <p>3) Arogya Melas: 18 Special Camps targeting more than 300 crowd gathering in association with NGOs, clubs and Institutions to have Conversions to hospital from Outreach Camps; Held at Badiadka, Hassan, Bhatkal, Shiroor, Kasaragod, Naravi, Moodbidri, Sullia, Kannur, Belthangady and Kanhangad.</p> <p>4) CME's: 3 Specialty CME's in Periphery region to boost Referral relations; at Bhatkal on ENT and Paediatric Surgery, Kannur on Paediatrics, Moodbidri on Minimal Access Surgery</p> <p>5) Outreach Camps to meet Op numbers: Organized 468 Outreach camps yielding 1,59,691 OP Nos</p> <p>6) Awareness talks for Corporates, Clubs and Public: 15 Awareness talks at Various Corporates on Skin, OBG, Cancer, Infectious Diseases, Diabetes, Bone Health, etc.</p> <p>7) 8 First Aid Trainings conducted for Corporate Companies and Associations.</p> <p>8) Manipal Arogya Suraksha Clusters (new) Seven new MAS clusters initiated and supported to core team: Panemangalore co-op, Kulala Sangha, Suraksha Ujire, Bilava Sangha Garodi, Mogaveera Cluster, Youth Club Kodical, Kulshekhar church cluster with an Addition of 6,000 lives</p> <p>9) Top-Up facility for Sampoorna Suraksha Card holders (up to 30,000 in a year) to encourage more Sampoorna Suraksha admissions at Attavar</p> <p>10) In House Screening Camps (49 In-house camps, 1,845 footfalls)</p> <ul style="list-style-type: none"> • Ortho Screening Camp with free BMD camp - 14 camps conducted in a year with average Op of 85 nos contributing new registrations to Hospital • ENT screening camp with Audiology special camps (Stuttering day) etc- Eight camps conducted with average Op of 16 targeting Surgical Conversions • Skin Screening camp with discounted Patch test and phototherapy on behalf of Leprosy Day, Psoriasis day, Skin allergy week etc. – 12 camps conducted with an average of 30 Op nos and increased procedures in the department • PTCD Screening Camp, Asthma and Allergy camp, Hernia Camp • Comprehensive Diabetic Camp involving Med, Eye, Dietary and Dental Depts with 160 footfalls <p>11) Advertisement and Publicity:</p> <ul style="list-style-type: none"> • 24 Articles in Print media for the Depts of KMCH AT. • 5 Namma TV Live shows. • 13 Advertisements in Print and Electronic media on various Facilities of Hospital • Hoardings about Hospital Facilities, Cancer Depts, Pediatric Care at different locations <p>12) Telemedicine: Regular telemedicine camps held at Madikeri, Iritty, Payannur, Ammathi, Ankola, Sullia, Belthangady promoting ENT, Eye, Skin, PTCD, Gastro, Cardio and Urology Departments</p> <p>13) Initiatives to Increase Surgical Numbers: Referral cards for BPL holders, Referral green card, Antenatal referral cards, Sampoorna Suraksha top-up facility, Teachers privilege card, Child wellness program, Camp brochures with Govt scheme details and facilities, Free medical checkup card for patient attenders.</p> <p>14) Outreach Speciality Clinic at Ullal PHC with 5 specialty Departments.</p> <p>15) Facilitation of New Specialties to enhance Op Numbers and Revenue: Endocrinology and Neurology OPD Added with an average of 5 New registrations</p> <p>16) Inaugural and launch of BSM Pediatrics Surgery Pilot Project: to enhance Pediatric Surgeries at KMCH Attavar through walk in, Outreach Camps and Referrals; Camps conducted at Bhatkal, Bantwal, Bovikana, Muliya, Madikeri Taluks, Referrals got through PHC's, Medical colleges etc.</p>

Sl no	Activity	Particulars
		<p>As a Pilot project on Silver Jubilee Year of the Hospital, received a tremendous publicity in media, appreciation from Health and Family Welfare Department of the State and enormous goodwill for the Hospital among North Kanara, Dakshina Kannada districts of Karnataka as well as from Kasaragod and Kannur Districts of Kerala.</p> <p>Operated 19 complicated surgeries under BSM and 6 more in pipeline for the FY.</p> <p>17) Ashram tie up and relationships: Two new Ashram/ Trust tied up for enhancing average gen ward occupancy for backlog depts like skin, PTCD, gen surgery and psychiatry</p> <p>18) New tie-ups in TPA, Corporates and Schemes:</p> <ul style="list-style-type: none"> - ECHS – Mumbai/ Karwar - Paramount TPA - Medsave – TPA - MOU with TATA Coffee - Universal Sompo/Parekh/Raksha – TPA

All Other activities in the department relating to the program/course:

Sl no	Activity	Particulars
Department of Anatomy		
1	CME in association with Department of Physiotherapy and Radiology	Organized a CME on “Essentials of hand therapy with an emphasis on stiff hand” on 23 and 24 Sep 2016. Faculty members delivered Guest lectures, Demonstration and hands-on training.
Department of Pathology		
2	Neuropathology CME - 2016	Held on 24 Oct 2016 Speaker – Dr Sonika Dahiya – Resource person, Faculty in Neuropathology at Washington University, St. Louis (USA)
Department of Forensic Medicine		
3	Training program for Ethiopian Forensic Residents	The First Batch of Forensic Residents from Ethiopia successfully completed their training from 3 Oct to 3 Dec in Forensic Medicine in KMC, Manipal and KMC, Mangaluru presenting certificates to the Ethiopian delegates.
4	Intercollege debate competition “Surrogacy womb for share vs womb for sale” on 23 Oct 2016	Department of Forensic Medicine, KMC Mangalore in association with Manipal Fertility organized Intercollege debate competition. Dr Tharanath Shetty was the chief guest. Dr Shruti Rao, operations Manager, Manipal Fertility and Dr Unnikrishnan were the Guests of Honour. Dr B Suresh Kumar Shetty was the Organizing chairman and Dr Pavanchand Shetty H coordinated.
Department of General Medicine		
5	Clinical Cardiology Update 2016	7 Feb 2016
6	Postgraduate Hematology Update	27 Mar 2016
7	Palliative Care	19-21 Feb 2016 10-12 Jul 2016 16-18 Oct 2016
8	Tropical Medicine update-2016	30 Nov 2016
9	HIV Update	2 Dec 2016
Department of Paediatrics		
10	NEST Workshop	Neonatal Emergencies Simulation Team (nest) Training course - held on 26 Jun 2016 at KMC Hospital, Attavar, Mangalore.
11	CME - HIV update 2016	CME-HIV update 2016 held on 2 Dec 2016 at Medical Education Unit, KMC, Mangalore
Department of Dermatology Venereology and Leprosy		
12	Derma Connect	The Dept of Dermatology has conducted CME program on Derma Connect at medical Education hall, KMC on 2 Oct 2016.

Sl no	Activity	Particulars
Department of Psychiatry		
13	Didactic lectures	The Departmental Staff take classes for the undergraduates from the first semester itself, where they are oriented about common Psychiatric/Psychological issues. The students further get didactic lectures in Psychiatry once a week during their VIII semester of undergraduate course and one-month clinical posting in the Psychiatry department during the V semester. The Interns get 15-day compulsory rotational posting and optional 15-day posting for practical training in Psychiatry. The faculty members of the Department of Psychiatry take lectures for BPT, BASLP and MSc Clinical Psychology students. MSW and M Sc Psychology students from various Colleges in Mangalore are posted in the Dept of Psychiatry for their clinical training. A new course, MSc in Clinical Psychology has commenced from 1 Aug 2016 in the dept. The intake of students is 10. Along with the didactic lectures, they also undergo clinical training.
14		<p>The department of Psychiatry has been organizing various outreach programs and camps at various places in and around Mangaluru. The department has been conducting various programs to commemorate World Alzheimer's Day (21 Sep) and World Mental Health Day (10 Oct) every year. The department is actively involved in public awareness programs through talks and lectures and in print and electronic media.</p> <p>The Psychiatry dept is running specialty clinics like Child Guidance Clinic where in various child and adolescent mental health issues are being addressed. As part of the Child Guidance Clinic, the department has been conducting free awareness programs for patients, teachers, students and Caretakers on Second Saturdays of every month. The topics discussed are common child and adolescent psychological problems, nutrition, parenting tips, substance abuse, learning difficulties, stress, anger management, study skills etc. The department also conducts regular dementia caregiver's meetings on the second Thursday of every month on topics related to dementia and its management by experts in the field. Group meetings for alcohol dependent patients and their families are also being conducted every fourth Saturday of the month on topics related to alcohol and de-addiction by experts in the field.</p>
15	MSc Clinical Psychology	A new course MSc Clinical Psychology for the period of 2 years has been commenced at the Dept of Psychiatry from Aug 2016.
Department of Anaesthesiology		
16	MAC 2016 and Alumni Meet 2016	Department of Anaesthesiology, KMC, Mangalore, conducted CME MAC 2016 and alumni meet 2016 at Dr TMA Pai Convention Centre, Mangalore on 21-22 Oct 2016. Organizing Chairman was Dr Thrivikram Shenoy and Organizing Secretary was Dr Madhusudan Upadya
Department of Radiotherapy		
17	BSc MRT Course	There are five new student batches admitted for 2017. The program is conducted under School of Allied Health Sciences, Manipal University. PhD program by Mr Suman Kumar, Lecturer in Medical Physics: Guide – Dr Challapalli Srinivas
Department of Physiotherapy		
18	Workshop	A Workshop on "Essentials of Physiotherapy Practice in Critical Care" on 4-5 Mar 2016.
19	CME	A CME on "Essentials of Hand Therapy with Emphasis on Stiff Hand" on 23-24Sep 2016.
20	Sponsor training program	Mr Shyam Krishnan (Assistant Professor Sr Scale) completed 15 hours of training in Managers level wheelchair service provision at Mobility India, Bengaluru from 22-23 Oct 2016.

Sl no	Activity	Particulars
21	Sponsor training program	Mr Shyam Krishnan (Assistant Professor Sr Scale) and Mr Shreekanth D Karnad (Assistant Professor) completed a 40-hour theoretical and practical training in basic level wheelchair-service provision at Mobility India, Bengaluru from 21 to 25 Nov 2016.
Department of Audiology and Speech Language Pathology		
22	Empanelment into the ADIP (Assistance to Disabled Persons for purchase/fitting of Aids/Appliances) scheme, Government of India	ADIP scheme is an initiative by ministry of Social Justice and Empowerment, Government of India to provide free implantation and Auditory rehabilitation to children with hearing impairment below the age of 5 years, belonging to lower socio-economic status. The dept, with its empanelment in this scheme has become one of its kind to cater this service to people in and around Mangalore
23	Formation of Cognitive Communicative Lab	Cognitive Communicative lab was formed with the support of Dept of Science and Technology (DST), Government of India and MU and 64-channel cognitive event related potential system was installed.

Details of guest visit (lectures, collaboration, visitors on campus):

Guest lectures:

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
Department of Physiology					
1	Dr B Shankarnarayana Rao, Professor of Neurophysiology NIMHANS		NIMHANS	Guest lecturer	12 Jul 2016
Department of Biochemistry					
2	Dr Prakash Mungli	University of Medicine and Health Sciences (UMHS)	Dept of Molecular Sciences, New York, USA	Guest speaker and Chairperson ACBICON 2016	12 Dec 2016
3	Dr Chandrika Meegama,		Dept of Chemical Pathology, National Hospital, Sri Lanka, Colombo	Guest speaker and Chairperson ACBICON 2016	12 Dec 2016
4	Dr Tony Badrick		Royal College of Pathologists of Australasia, New South Wales, Australia	Guest speaker and Chairperson ACBICON 2016	12 Dec 2016
5	Mr Sten Westgard		Client Services and Technology for Westgard Quality Control, Madison, Wisconsin, USA	Guest speaker and Chairperson ACBICON 2016	12 Dec 2016
6	Dr Bernard Gouget		Dept of Laboratory Medicine, University Hospital, Paris Descartes, France	Guest speaker and Chairperson ACBICON 2016	12 Dec 2016
7	Dr Anna Velts		Head of Laboratory, West Tallinn Central Hospital, Estonia	Guest speaker, Preconference CME, ACBICON 2016	12 Dec 2016
8	Dr Minnie Faith		Professor, Dept of Biochemistry Coordinator, Medical Education Department Convener, MCI Nodal Centre for National Faculty Development Christian Medical College, Vellore	Guest speaker, Preconference CME, ACBICON 2016	12 Dec 2016

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
Department of Pharmacology					
9	Dr Sudhakar Bangera, Chief Operating Officer and Program Director		Clinical Development Services Agency (CDSA), an extramural unit of THSTI and autonomous organization of Dept of Biotechnology, Ministry of Science and Technology, Govt of India, Faridabad	Guest lecture	27 Jan 2016
10	Dr Sadashiva Pai, Founder and CEO		Science Mission LLC Dallas, Texas	Workshop resource faculty member	23 Jul 2016
11	Dr Indrani Karunasagar, Head	NITTE University	NITTE University Centre for Science Education and Research (NUCSER) Deralakatte,	Workshop resource faculty member	23 Jul 2016
12	Dr Anirban Chakraborty, Associate Professor	NITTE University	NITTE University Centre for Science Education and Research (NUCSER) Deralakatte,	Workshop resource faculty member	23 Jul 2016
13	Dr Ravindra K. Saran, MD, DNB, MBA (HCA)		Director, Professor of Pathology, G.B. Pant Hospital and Maulana Ajad Medical College, Delhi	Guest lecture	18 Aug 2016
Department of Microbiology					
14	Dr B G Mantur, Professor and Head		Belagavi Institute of Medical Sciences. Belagavi	Dr N C Ananthakrishna Endowment lecture on "Brucellosis – Ruminants to Humans"	23 Jan 2016
15	Dr John Antony Jude Prakash, Professor	Dr MGR Medical University	Clinical Microbiology, CMC, Vellore	Guest Lecture on "Anthrax - Occupational disease to bioweapon"	
16	Dr K Natarajaseenivasan, Professor of Microbiology	Bharathidasan University	Centre for Excellence in Life Sciences, Tiruchirappalli	Guest lecture on "Leptospirosis- Diagnostic Modalities and Avenues for Further Research"	
17	Dr Shefali Gupta, Senior Resident	--	Sanjay Gandhi Institute of Post Graduate Medical Sciences, Lucknow	Guest Lecture on "Human Microbiome"	15 Apr 2016
18	Dr Muralidhar Varma, Associate Professor	Manipal University	Department of Medicine, KMC, Manipal	Guest Lecture on "Scrub typhus – Clinicians" insight into laboratory investigations"	23 Jan 2016
19	Dr Prakash PY	Manipal University	Department of Microbiology, KMC, Manipal	To conduct workshop on "Principles of biosafety, biosecurity and lab quality"	28 May 2016
20	Dr Michael Libman Director, McGill University	McGill University	Mc Gill University Health Centre	Talk on "New technologies for old problems in parasite diagnostics: How will they help us?" "This could be Leishmaniasis: What do I do now?"	30 Nov 2016

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
21	Dr Anurag Bhargava, Professor	--	Yenepoya Medical College, Mangalore	Talk on "Scrub Typhus in India: Epidemiology, Clinical Syndromes, Diagnosis and Management"	
22	Dr Kavitha Saravu Professor and Unit Chief	Manipal University	Department of Medicine, KMC, Manipal – Joint Coordinators of Manipal McGill Centre for Infectious Disease	A talk on "Diagnosis and Treatment of Malaria in adults - A clinician's perspective	
Department of Forensic Medicine					
23	Dr Hareesh	Mekelle University, Ethiopia	Professor and Head, Forensic Medicine. Ayder Comprehensive Specialty Hospital, Ethiopia, Mekelle University, Ethiopia	To visit the department	May 2016
24	Daniel Malicier	University Claude Bernard Lyon, France	Professor of Legal Medicine, University Claude Bernard Lyon, France	To visit the Dept	
25	Dr Santhosh Upadhyaya	Memphis, USA	Consultant - Paediatric Hematology - Oncology of Medicine, Memphis, USA	To visit the Dept	25 Jan 2016
26	Dr Yazezen Ulbe	Mekelle University, Ethiopia	Professor, Ethiopian delegate, Mekelle University, Ethiopia	To visit the Dept	20 Jun 2016
27	Dr Kilbrom G	Mekelle University, Ethiopia	Cardiothoracic surgeon, Head of school of Medicine, Mekelle University, Ethiopia	To visit the Dept	
28	Dr Enyew Debash Damte	Mekelle University, Ethiopia	Ethiopian Forensic Medicine Resident	To visit the Dept for Advanced training program	03 Oct – 04 Dec 2016
29	Dr Gedion Hailemiam Abede	Mekelle University, Ethiopia	Ethiopian Forensic Medicine Resident	To visit the Dept for advanced training program	
30	Dr Sesen Tsegaye Tekle	Mekelle University, Ethiopia	Ethiopian Forensic Medicine Resident	To visit the Dept for advanced training program	
31	Dr Esmael Seid Abede	Mekelle University, Ethiopia	Ethiopian Forensic Medicine Resident	To visit the Dept for advanced training program	
Department of Community Medicine					
32	Dr Ravinder Mamtani Associate Dean	Qatar	Weill Cornell Medical College	Guest Talk – An Evidence Approach to Integrative Medicine	11-12 Feb 2016
33	Ana Lacone	Qatar	GEMx board Member	Interaction and Networking meeting with faculty for future collaboration	12 Feb 2016
34	Justin Seeling	Qatar	GEMx board Member	Interaction and Networking meeting with faculty for future collaboration	

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
35	Walter Ramos	Qatar	GEMx board Member	Interaction and Networking meeting with faculty for future collaboration	12 Feb 2016
36	Mr Shital Bhandary	Nepal	PAHS, Kathmandu	Workshop on competency based education in Community Medicine and Public Health	21 Jun 2016
37	Mr Shital Bhandary	Nepal	PAHS, Kathmandu	Interaction with faculty regarding research and Small Group Teaching	20 Jun 2016
38	Ms Raksha Sule	Canada	Toronto	Collaboration study on Case Based Learning at KMC, Mangalore	01 May - 28 Jun 2016
Department of General Medicine					
39	Dr K L Gupta	Professor and Head of Nephrology	Postgraduate Institute of Medical Education and Research, Chandigarh-160 012, India	Guest Lecture	13 Apr 2016
40	Dr Jochen Becker-Ebel	Prof in Palliative Care	CEO, MediAcion/PalliAction	Workshop	19-21 Feb 2016, 10-12 Jul 2016, 16-18 Oct 2016
Department of Paediatrics					
41	Dr Raj Warriar		Centre for Cancer and Blood Disorders at Louisiana State University Health Sciences Centre and Children's Hospital of New Orleans, USA	Guest Lecture: "Cancer in childhood: Yesterday, today and tomorrow"	04 Feb 2016
42	Dr Radhakrishnan K K	Monash University, Melbourne, Victoria, Australia	Monash Children's Hospital	Guest Lecture: ITP challenges in diagnosis	29 Mar 2016
43	Dr Satishchandra DM Surveillance Medical Officer, WHO	Country Office India, Mangalore Unit	Country Office India, Mangalore Unit, WHO	Guest Lecture: "Polio End Home Strategy – Rationale for Introduction of IPV and OPV"	01 Apr 2016
44	Dr Raj Warriar		Centre for Cancer and Blood Disorders at Louisiana State University Health Sciences Centre and Children's Hospital of New Orleans, USA	Guest Lecture: "Approach to Bleeding Disorders in Children"	08 Jun 2016
45	Dr Mohan Shenoy		Royal Manchester Children's Hospital NHS Hospitals, UK	Guest Lecture: "Imaging after UTI: Does it matter?"	16 Aug 2016
46	Dr Shakeel Modak, Consultant Paediatric oncologist		Memorial Sloan Kettering Cancer Centre (MSKCC), New York, USA	Guest Lecture: "Neuroblastoma: An update"	25 Nov 2016

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
Department of Dermatology					
47	Dr Shivashankar Aithal K		East Lancs Foot and Ankle services, Royal Black Burn Teaching Hospital, United Kingdom	Guest Lecture	24 Nov 2016
Department of Psychiatry					
48	Dr Jyotsna Agrawal, Asst Professor	NIMHANS, Bangalore	NIMHANS	Life Skills training Workshop for Teachers	17 Jun 2016
49	Dr Rajnish Attavar Consultant Psychiatrist, working at UK	Aylesbury Hertfordshire Partnership Trust, UK	UK	Awareness Program on Dementia -Clinical features and Management	13 Oct 2016
Department of General Surgery					
50	Dr Jignesh Gandhi		Covidien Health Centre, Mumbai	Talk about Laparoscopy history and evaluation	28 Feb 2016
51	Dr Rajan Saxena		Dean, SGPGI, Lucknow	Talk about External Biliary Fistula – Management perspectives	19 Dec 2016
Department of Orthopaedics					
52	Prof Simon Frosick	University of Liverpool	United Kingdom.	Clinical Discussion with Post-Graduates	11 Nov 2016
53	Dr Shivshankar Aithal K	United Kingdom	United Kingdom	A Guest lecture on "Cavus Foot"	22 Nov 2016
54	Dr Shyam Sunder Bhat	Manipal University	Kasturba Medical College, Manipal	Take advantage of the rich knowledge of the faculties and also contribute to the active discussion	20 Mar 2016
55	Dr Hitesh Shah	Manipal University	Kasturba Medical College, Manipal		20 Mar 2016
56	Dr J V Srinivas	Bangalore	Bangalore		7 Aug 2016
57	Dr Sharath Rao	Manipal University	Kasturba Medical College, Manipal		
58	Dr Ajith Kumar		Mangalore		
59	Dr Chandramouli	Bangalore	Bangalore		
60	Dr Sunil Kini,	Bangalore	Bangalore		
61	Dr Anil Bhat	Manipal University	Kasturba Medical College, Manipal	To give a talk in PG Teaching program	4 Dec 2016
62	Dr Vivek Pandey	Manipal University	Kasturba Medical College, Manipal	To give a talk in PG Teaching program	
Department of Ophthalmology					
63	Dr George Puthuran		Aravind Eye Hospital and PG Institute of Ophthalmology, Madurai	CME Guest speaker "Shifting Paradigms in Glaucoma"	12 Jun 2016
64	Dr Gowri Murthy		Prabha Eye clinic and Research Centre, Bengaluru	CME Guest speaker "Shifting Paradigms in Glaucoma"	
65	Dr D Chandrashekar		Aravind Eye Hospital and PG Institute of Ophthalmology, Coimbatore	CME Guest speaker "Shifting Paradigms in Glaucoma"	

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
66	Dr Anitha Agarwal	Vanderbilt University	Department of Ophthalmology and Visual Sciences, School of Medicine, USA	Guest Speaker	15 Jul 2016
67	Dr Mohan Shenoy		Royal Manchester Children Hospital, NHS, UK	Guest Speaker	16 Aug 2016
Department of Obstetrics and Gynaecology					
68	Dr Deepak Shedde	--	OBG, Private practitioner	CME	30 Jan 2016
69	Dr Prama D'Cunha	Rajiv Gandhi University of Health Science	HoD, Dept of OBG, Fr Mullers Medical College Mangaluru	CME	30 Jan-13 Feb 2016
70	Dr Jyothi Mahesh	--	Assistant Professor, OBG, Sridevi Institute of Medical College	CME	30 Jan 2016
71	Dr Bhagyashree Baliga	Rajiv Gandhi University of Health Science	OBG, Father Mullers Medical College, Mangaluru	CME	30 Jan 2016
72	Dr Prasanna Shetty	NITTE University	Professor, OBG, K S Hegde Medical Academy	CME	13 Feb 2016
73	Dr Bhavana Sherigar	Yenepoya University	Professor, OBG, Yenepoya Medical College,	CME	
74	Dr Nagaratna	Rajiv Gandhi University of Health Science	Professor, OBG, Fr Mullers Medical college, Mangaluru.	CME	
75	Dr Annie Rajarathnam	Yenepoya University	Associate Professor OBG, Yenepoya Medical College,	CME	
76	Dr Amrita Bhandary	Rajiv Gandhi University of Health Science	Professor, OBG, A J Institute of Medical Sciences, Mangaluru	CME	
77	Dr Muralidhar V Pai	Manipal University	Professor, OBG, KMC Manipal	CME	
78	Dr Pradeep Ganiga	Rajiv Gandhi University of Health Science	Professor, OBG, AJ Institute of Medical Sciences, Rajiv Gandhi University	CME	
79	Dr Akhila Vasudeva	Manipal University	Associate professor OBG, KMC, Manipal	CME	
80	Dr Geetha Doppa	Rajiv Gandhi University of Health Science	Professor OBG, KVJ Sullia,	CME	
81	Dr Vijaya Kumar D K	Amrita University	HOD, Surgical oncologist, Amritha Institute of Medical Sciences	CME	25 Sep 2016
82	Dr Somashekar S P	--	Consultant Gynecologist, Manipal Hospital	CME	
83	Dr Praveen Achar	--	consultant Radiologist IMRI	CME	
84	Dr KVLN Sharma	Dr NTR University of Health Science	Professor OBG, Medicity Institute of Medical Science, Ghanpur	CME	04 May 2016
Department of Anaesthesiology					
85	Dr Kodand Raam Vege, Consultant Anaesthetist with a special interest in Neuro-Anaesthesia	Royal Preston Hospital, Sharoe a Green Lane Preston PR2 9HT United Kingdom	Royal Preston Hospital	MAC 2016 and Alumni Meet	21-22 Oct 2016

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
86	Dr Madapura K Shashidhara, Associate Specialist in Anaesthetics and SAS tutor	Pinewood House Stepping Hill Hospital Stockport NHS Foundation Trust Stockport South Manchester SK2 7JE	Pinewood House Stepping Hill Hospital	MAC 2016 and Alumni Meet	21-22 Oct 2016
87	Dr Saneesh P J	Sultan Qaboos University Medical College, Muscat, Sultanate of Oman	Sultan Qaboos University Medical College	MAC 2016 and Alumni Meet	21-22 Oct 2016
88	Dr Nigel Kuriakose	Sultan Qaboos University Medical College, Muscat, Sultanate of Oman	Sultan Qaboos University Medical College	MAC 2016 and Alumni Meet	21-22 Oct 2016
89	Dr Sapna Sharma Staff Specialist	Nepean Hospital New South wales, Australia	Nepean Hospital	MAC 2016 and Alumni Meet	21-22 Oct 2016
Department of Radiodiagnosis					
90	Dr Umesh Shetty		Lady Cilento Children's Hospital, Brisbane, Australia.	CME ON PAEDIATRIC IMAGING -"Neonatal cranial imaging - A mind of their own"	11 May 2016
91	Dr Ravikanth Balaji		Apollo Hospital, Chennai	CME ON WOMEN'S IMAGING	9 Jul 2016
Department of Pulmonary Medicine					
92	Dr B V Muralimohan		Mazumdar Shaw Medical Centre, Bangalore	CME	18 Sep 2016
93	Dr Prashanth Chajed		University Hospital Basel, Switzerland	CME	
94	Dr Arjun		Sr Consultant and Group Coordinator, Pulmonary Medicine, Kerala Institute of Medical Sciences Trivandrum	CME	
95	Dr Narasimhan		Apollo Hospital, Chennai	CME	
Department of Audiology and SLP					
96	Dr M Reddy Sivaprasad		Amplifon, India	Guest lecture	5 Jan 2016
97	Dr Rathna		Former director of AIISH and AYJHIHH	Guest lecture	11 Feb 2016
98	Dr Nataraja		Director, JSS Institute of Speech and Hearing	Guest lecture	6 Apr 2016
99	Dr Jonathon Toft-Nielsen		Miami, USA	Resource person for workshop	1 Jun 2016
100	Mrs Orin D'Siva		California, USA	Resource person for workshop	18 Jul 2016

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
101	Mr Augustin Fialo,		Clinical Audiologist, CARE Clinic, Singapore	Resource person for workshop	27 Aug 2016
102	Madiraju Dattatereya		Head of Audiology at GN Resound	Resource person for workshop	24 Sep 2016

Details of Publications:

National		International	
Indexed	Non-Indexed	Indexed	Non-indexed
191	17	209	1

Conferences attended by Institution faculty and students:

	National	International
Faculty	153	38
Students Post-Graduates	127	20
Under-Graduates	28	20

Details of conferences/workshops conducted by the institution:

Particulars	National	International
CME	10	0
Conferences	1	0
Workshops	19	3
Seminars	0	0
Others	1	0

Books/chapters authored by faculty members:

Sl no	Name of the Book	Chapter/s name	Faculty members	Publisher
1	Medical Exam Booster –MBBS First Year- Biochemistry	--	Dr Beena V Shetty Dr Gayathri M Rao	Emmess Medical Publishers
2	Pharmacologists of India their contribution	An Enigmatic stalwart: Late Yellapragada Subbarow	Priyanka Kamath and K Ashok Shenoy	Vallabh Prakashan
3	Essentials in haematology and clinical pathology- Second edition	--	Dr Sharada Rai	JAYPEE Publisher 978-935152-4123-6 (ISBN No)
4	Forensic analysis from Death to Justice	-	Dr B Suresh Kumar Shetty (Editor) Dr Jagadish Rao P P (co-editor)	Intech publishers ISBN NO: 978-953-51-2653-1
5	Textbook of Forensic Medicine and Toxicology, 17th ed. Pillay V V	-	Dr Prateek Rastogi (Sub-editor)	Paras Medical Publishers Hyderabad, 2016
6	Forensic Medicine and Toxicology for MBBS. 1st edition	-	Dr Prateek Rastogi (Contributor)	Anil Aggrawal. Avichal Publishing Company, Delhi 2016
7	Exam Preparatory Manual for Undergraduates	Full Book	Dr Archith Bloor	Jaypee Brother
8	Paediatric Rheumatology	Nonbiologic Drugs in Paediatric Rheumatology	Dr Nutan Kamath	Springer

Sl no	Name of the Book	Chapter/s name	Faculty members	Publisher
9	IAP textbook of Pediatric Hematology – Oncology on Acquired Inhibitors of Coagulation in November 2016	Oncology on Acquired Inhibitors of Coagulation in November 2016	Dr Soundarya M	Jaypee Publishers
10	SRB'S Manual of Surgery	Manual of Surgery	Dr Shrirama Bhat	JAYPEE Brothers
11	Chapter in SRB's Manual of Surgery		Dr G G Laxman Prabhu	Jaypee Publishers V edition, 2016, Pages 733-735
12	Holland and Brews Manual of OBSTETRICS 4th edition ISBN 978-81-312-42		Dr Pralhad Kushtagi	Reeds Elsevier New Delhi
13	Post-Operative Complications By Alpesh Gandhi	Post-operative Ileus	Dr S R Nayak	Springer
14	Hand book of Health Care Quality and patient safety	Chapter 18 "Clinical Audit" Author: Dr R Anand	Author: Dr R Anand	Jaypee Brothers Medical Publishers (P) Limited
15	Manipal Manual of Adolescent Language Assessment		Dr Sudhin Karuppali Dr Jayashree S Bhat	Manipal University Press

Details of research grants:

Sl no	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (Rs)
1	"Neuro Protective Role of Cynodon dactylon Extract on Cognitive functions and Bio-sensitivity of distinct brain tissues in Electron Beam Irradiated Swiss Albino Mice"	Dr Nayanatara Arunkumar	BOARD OF RESEARCH IN NUCLEAR SCIENCES (BRNS)	15.11 lacs
2	Neuro Protective Role of Cynodon dactylon extract on Cognitive functions and Biosensitivity of distinct brain tissues in electron beam irradiated swiss albino mice	Dr Reshma Kumarchandra (Co-investigator)	BRNS, Dept of Atomic Energy (DAE) Govt of India	6.35 lacs
3	Antidiabetic activity of <i>Costus pictus</i> – Follow up study	Dr Sheetal D Ullal	Arjuna Natural Extracts Ltd, Kerala	1,10,591 lacs (received till now) (Ongoing-not received this year)
4	Antidiabetic activity of new investigational products from parts of coconut	Dr Sheetal D Ullal	Arjuna Natural Extracts Limited, Kerala	84,131 - (received till now) (Ongoing-not received this year)
5	Effect of <i>Embllica officinalis</i> on experimental models of dyslipidemia.	Dr Sheetal D Ullal/ Dr Ashok Shenoy	Arjuna Natural Extracts Limited, Kerala	1,24,000 (received till now) (Ongoing-not received this year)
6	A prospective and retrospective study on serial changes in complete blood counts in patients of leptospirosis in south Karnataka.	Ms Harini Venugopal	ICMR- STS	10,000
7	Preoperative Neutrophil-lymphocyte ratio prognostic role in patients with oesophageal cancer.	Ms Urbee Gupta	ICMR- STS	10,000
8	Expression of PTEN in endometrial carcinoma.	Ms Sadika Sood	ICMR- STS	10,00

Sl no	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (Rs)
9	Evaluation of p16 expression in oral squamous cell carcinoma.	Ms Samantha Nazreth	ICMR- STS	10,000
10	Trends in utilization of blood components in critical care setting	Mr Bethany Grade Neuman	ICMR- STS	10,000
11	Utility of dipsticks in rapid diagnosis of meningitis.	Ms Neha Medha	Manipal University	10,000
12	Evaluation of p16 expression in oropharyngeal and hypopharyngeal squamous cell carcinoma (excluding oral cavity)	Ms Sachin Krishna Pai	Manipal University	10,000
13	Correlation of immunohistochemistry and magnetic resonance spectroscopy with the grades of gliomas.	Dr Jyoti R Kini	Manipal University	10,000
14	Expression of PTEN, CD10 and β catenin in endometrial adenocarcinoma and atypical hyperplasia	Dr V Thandava Krishna	Manipal University	10,000
15	Utility of the Bethesda System for Reporting Thyroid Cytology in the Management of Thyroid Swellings	Dr Bompada Mytrei	Manipal University	10,000
16	Therapy induced histopathological changes in breast cancer	Dr Shazima Sheereen	Manipal University	10,000
17	IDH 1 expression in gliomas	Dr Minu Thomas	Manipal University	10,000
18	Study of Macrolide and Quinolone Resistance in <i>Haemophilus influenzae</i> in a Tertiary care centre.	Dr Sevitha Bhat	MAHE Faculty Grant	14260
19	Multilocus Sequence Typing (MLST) of Clinical isolates of <i>Burkholderia pseudomallei</i> from western Coastal Region of South India (Task 219 - 1 year)	Dr Vidyalakshmi K Dr Dhanashree B	DRDE Gwalior	6,00,000
20	Evaluation of Cepheid Xpert HIV 1 Viral Load	Dr Shrikala Baliga	Collaborative Research Between Manipal and Mc Gill University	5,12,750
21	ASPIRE STUDY (A Surveillance study on The Antibiotic Susceptibility Pattern of Bacterial Isolates collected from Patients at various Indian Tertiary Care Hospitals – A Multicentric PAN India study)	Dr Shrikala Baliga Dr Suchitra Shenoy	Wockhardt Limited	--
22	Student Research Project: Study of haematological parameters in the estimation of post-mortem interval	Sumeet Narang (Guide: Dr B Suresh Kumar Shetty)	Manipal University	10,000
23	Determination of sex from autopsy sample of adult hyoid bone	Astha Guliani (Guide :- Dr Prateek Rastogi)	Manipal University	--
24	Travel grant to attend the Network TUFH Conference 2016 at Shenyang, China during 26–30 Jul 2016.	Dr Animesh Jain	FAIMER Philadelphia, USA	2,50,000
25	Catastrophic expenditure for diagnosis and treatment of tuberculosis: Economical burden on patient and family	Dr Priya	TB Association of India	10,000
26	Cost of MDRTB	Dr Priya	The Union	15,000 (Travel)

Sl no	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (Rs)
27	An Open-Label, Randomized, Two Period, Two-Treatment, Two Sequence, Steady-State, Crossover, Multicentre, Multiple Dose, Bioequivalence study of Nevirapine Prolonged Release 400 mg tablets of Mylan Laboratories Limited, India and "VIRAMUNE" (Nevirapine) Prolonged Release Tablets 400 mg of Boehringer Ingelheim International GmbH in HIV-1 Infected Patients Under Fasting Condition.	Dr John T Ramapuram	Mylan Laboratories Limited	47,376
28	An Open-Label, Randomized, Two-Treatment, Two Period, Two Sequence, Crossover, Multicentre, Multiple Dose, Steady State Bioequivalence study of Nevirapine Extended Release Tablet 400 mg of Apotex Inc. and Viramune®XR Extended-Release Tablet 400 mg of Boehringer Ingelheim Pty Ltd., Australia in Patients Under Fasting Conditions	Dr John T Ramapuram	Apotex Inc	7,47,983
29	A Randomized, Double-Blind, Parallel, Placebo-controlled, Multicenter Study of the Effects of JNJ-28431754 on Cardiovascular Outcomes in Adult Subjects with Type 2 Diabetes Mellitus. The CANVAS Trial (CA Nagliflozin Cardio Vascular Assessment Study)	Dr Basavaprabhu, Dr Sheetal Raj	Jansen Research and Development LLC, USA	2,02,761.55
30	A multi-centre, prospective, open-label, single-arm, non-interventional post marketing surveillance (PMS) study of Ryzodeg TM (insulin degludec /insulin aspart) to evaluate long term safety and efficacy in patients with diabetes mellitus in routine clinical practice in India.	Dr Sheetalraj	Novo Novardisk	75,300
31	A Double Blind, Randomized, Multicentric, Active Controlled, Parallel Group, Comparative, Phase III study to evaluate the efficacy and safety of Azelnidipine versus Amlodipine in Newly Diagnosed Patients with Mild to Moderate Essential Hypertension	Dr Basavaprabhu, Dr Sheetal Raj	Precise Pharma	12,000
32	A Phase IV, Non-comparative, Open label, Multicentric Trial to Evaluate the Safety and Efficacy of SYNRIAM® in the Treatment of Acute Uncomplicated Plasmodium vivax Malaria	Dr Pavan MR	Sun Pharma	1,05,327
33	DISCOVERing Treatment Reality of Type 2 Diabetes in Real World Settings	Dr Sheetal Raj Dr Basavaprabhu	Astrazeneca	6,55,829
34	Feasibility, Working and Transition of Prenatal Death Audit System for improvements in quality care: A health system intervention Research	Dr B Shantharam Baliga Co-Investigator: Dr Nutan Kamath Dr Suchetha Rao	Indian Council of Medical Research	32,65,749
35	"Microbial analysis of Catheter acquired bloodstream bacteremia in Neonatal Intensive care units through molecular typing by RAPD method" Student-Subham Sarthak	Dr B Shantharam Baliga	Indian Council of Medical Research	10,000
36	"Foot length as a surrogate marker for growth in Newborn" Student: Siri Hoovinahole	Dr Soundarya	Indian Council of Medical Research	10,000

SI no	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (Rs)
37	"Assessment of the knowledge utilization and advantages of the Bal Sanjeevani Program- a case control study" Student: Sheetal Sriram	Dr Nutan Kamath	Indian Council of Medical Research	10,000
38	A comparative study between topical benzoyl peroxide 2.5% gel with low glycemic load diet and topical. Benzoyl peroxide 2.5% gel with normal diet in grade 1, 2 and 3 of acne.	Dr Pavithra G	Manipal University	10,000 (Amount yet to be received)
39	Srijanee Das	Ms Mariella D'Souza	Manipal Research Grant	10,000
40	Audiological Profiling in postmenopausal women with osteoporosis	Dr Kshithi K	Manipal	10,000
41	Effect of duration of diabetes and glycemic control in hearing	Dr Deeksha Shetty	Manipal	10,000
42	Clinical Radiological and cytological correlation of 50 patients with malignant pleural effusion	Dr Vishak Acharya K	ICMR	10,000
43	Comparative analysis of Gen expert and smear examination	Dr Preetam Acharya	ICMR	10,000
44	A cognitive communicative self-learning tool	Dr Jayashree S Bhat, Mr Gagan Bajaj	DST, Govt of India	49.48,000
45	Pranayama and voice related quality of life among teachers	Dr Jayashree S Bhat, Dr Radish Kumar B Mr Gagan Bajaj	SATYAM wing of DST Govt of India	42,03,200

Awards/recognitions:

Institution (including "The Best Teacher Award" for the year) 18 Mar 16:

SI no	Name	Details
1	Dr Mangala M Pai	Good teacher award
	Dr Murlimanju B V	
	Dr Ashok Shenoy K	
	Dr Tanuj Kanchan	
	Dr Rajesh R Nayak	
	Dr M Chakrapani	
	Dr Damodara Shenoy	
	Dr Basavaprabhu A	
	Dr U Anand Kini	
	Dr Supriya K	
	Dr Pramod Kumar	
2	Dr Padmanabha Kamath K	Appreciation for contribution to research publication
	Dr M Narayana Bhat	
	Dr Narasimha Pai D	
	Dr Poormina Ajay Manjrekar	
	Dr Chakrapani M	
	Dr Unnikrishnan B	
	Dr Shalini Shenoy Mulki	
	Dr Vaman Kulkarni	
	Dr Anand R	
	Mr Shyam Krishnan K	
	Dr M Manjunath Kamath	

Sl no	Name	Details
	Dr M Gurudutt Kamath	
	Dr Rajesh R Nayak	
	Dr Tanuj Kanchan	
	Dr Latha V Prabhu	
	Mr M Shashidar Kotian	
	Dr Ashwin K	
	Dr Mangala M Pai	
	Dr Prabha Adhikari M R	
	Dr Prateek Rastogi	
	Dr Nithin Kumar	
	Dr Gayathri M Rao	
	Dr Gopalakrishna Bhat K	
	Dr Rajalakshmi Rai	
	Dr Jagadish Rao P P	
	Dr Prasanna Mithra P	
	Dr Madhusudan Upadya	
	Dr Murlimanju B V	
	Dr Nitin Joseph	
	Dr Nayanatara Arun Kumar	
3	Dr Rajendra A	Dr TMA Pai Gold Medal for Outstanding Research
4	Dr M Panduranga Kamath	Publication of Books/Chapters
	Dr Vishnu Prasad K P	
	Dr Pralhad Kushtagi	
	Dr Mukta N Chowta	
	Dr Ashok Shenoy K	
	Dr Ashwin Kamath K	
	Dr B Unnikrishnan	
	Dr Nithin Kumar	
	Dr Tanuj Kanchan	
	Dr Prabha Adhikari M R	
	Dr Maria Kuruvila	
	Dr Suchitra Shenoy M	
	Mr Arivudai Nambi	
5	Dr Soundarya M	Dr Patrick Pinto Memorial Best Teach Award
6	Dr Pratik Kumar Chatterjee	Best audio-visual material
	Dr Shrijeet Chakraborti	
7	Dr Chettiar Ganesh Kumar	Distinguished Alumni Award
	Dr Sahana Devadas Acharya	
	Dr Sheetal Dinkar Ullal	
	Dr Tanuj Kanchan	
	Dr Jagadish Rao P P	
	Dr Girish M	
	Dr Arun S	
	Dr Alam Nawaz	
	Dr Janardhan Shenoy	
	Dr Sowmini P Kamath	
	Dr Jayashree K	
	Dr Ashfaqe Mohammed	
	Dr Premjit R Sujir	
	Dr Susan D'Souza	
	Dr Jayashree S Bhat	
	Mrs Molly Cynthia D'Souza	

Faculty members:

Sl no	Name	Details	Date
1	Dr Rashmi K S	Best poster presentation award 5th Biennial Conference of South Asian Association of Physiologists (SAAP) in conjunction with 2nd Annual conference of Physiological Society of Nepal (PSN)	11 Nov 2016
2	Dr Rashmi K S	Travel grant of 50,000 To attend 5th Biennial Conference of South Asian Association of Physiologists (SAAP) (PSN)	10-12 Nov 2016
3	Dr Sneha B Shetty	Excellent Paper award The ASAR- International Conference on Medical and Health Sciences (ASAR-ICMHS-2016)	13 Nov 2016
4	Dr Nayanatara Arun Kumar	Excellent Paper award The ASAR-International Conference on Medical and Health Sciences (ASAR-ICMHS-2016)	
5	Dr Sheetal Ullal	Second prize in poster session at National conference	08-09 Mar 2016
6	Dr Sahana D A Dr Sheetal Ullal	Runner up in the throw ball tournament during Annual Sports Meet	14 Feb 2016
7	Dr Ashok Shenoy	Good Teacher Award for the year 2015	18 Mar 2016
8	Dr Preethi J Shenoy	First prize in poster session at National workshop - PHARMA SEARCH	23-24 Sep 2016
9	Dr Sahana D Acharya	Second prize in poster session at National workshop - PHARMA SEARCH	23-24 Sep 2016
10	Dr Amrita Parida	Third prize in poster session at National workshop - PHARMA SEARCH	23-24 Sep 2016
11	Dr Rohit Tapadia	"Best Presenter" in the Slide Seminar Indian Association of Pathologists and microbiologists Karnataka Chapter (KCIAPM Interactive Slide seminar	08 Oct 2016
12	Mr Aditya Ramanathan Mr D Sai Sri Venkata Yashwanth	Secured Second prize - IX annual state level KCIAPM undergraduate pathology quiz	5 Nov 2016
13	Dr Shrikala Baliga	Won 1st place for the oral presentation at the 20th Annual conference of IAMM (KC), MICROCON 2016	20 Jan 2016
14	Dr K Vidyalakshmi	Won the Best Paper award for the poster presentation on "Faecal carriage of ESBL, Amp-C, carbapenemase and MBL producing Enterobacteriaceae among hospitalized patients and asymptomatic healthy individuals" at GUT Microbiome 2016-An International Perspective	21-22 Oct 2016
15	Dr Jagadish Rao P P	National Award: First Place for the E- paper titled "Non-laminated windshield, A cut down in cost vs a cut down of neck during 13th Annual conference of South India Medicolegal Association (FORENSICON 2016),	8-9 Oct 2016
16	Dr Padmanabh Kamath	FICC ICC	17 Sep 2016
17	Dr Narasimha Pai	FSCAI New Orleans USH	2016
18	Dr Jayashree K	Secured First place in poster presentation at 1st Mangalore Pedicon and Dr M R Shenoy.	12-13 Mar 2016
19	Mr Sujith Babu	Indian Association of Clinical Psychologist - Kerala Region, honoured for the voluntary psychological services in the Puttinkal temple fireworks tragedy, at Kollam, Kerala.	4 Sep 2016
20	Dr G G Laxman Prabhu	Prof M P Pai Oration 2016 Association of Surgeons of India	6 May 2016
21	Dr Mithun Pai G	Best Free paper presentation in congenital and Paediatric category	13 Aug 2016

Sl no	Name	Details	Date
22	Dr Santosh Rai	Fellowship of the Indian College of Radiology and Imaging, Bhubaneswar	21 Jan 2016
23	Dr Challapalli Srinivas	Curie Award presented by Association of Medical Physicists of India – Karnataka Chapter.	Sep 2016
24	Dr Sudhin Karuppali	Best paper award for paper titled “Does the verbal ability of children with autism spectrum disorders influence the mother’s interactive role? Evidence from using dyadic parent-child interaction coding system” at RW-103rd International Conference on Arts, Education and social Science held at Bali, Indonesia	28-29 Dec 2016

Sl no	Events	Name of the Participant	Result	Date
1	BADMINTON Singles (Men)	Dr Vishwas Saralaya	Winners	14 Aug 2016
2	Doubles (Men)	Dr Vishwas Saralaya and Dr Jeedhu Radhakrishnan	Winners	
3	Doubles (Women)	Dr Priya Ballal and Dr Rekha T	Winners	
4	Doubles(Women)	Dr Beena Shetty and Dr Gayathri Rao	Runners up	
5	Mixed Doubles	Dr Vishwas Saralaya and Dr Beena Shetty	Winners	
6	Singles (Women)	Dr Rekha T	Runners up	
7	Singles (Men)	Dr Thrivikram Bhat	Runners up	
8	Chess	Dr Vikas Prabhu	Winners	20 Nov 2016

Students:

Sl no	Name	Details	Date
1	Mr Amith Kumar PhD Scholar	1st prize P S Murthy Award in 43rd Annual Conference of the Association of Clinical Biochemists of India ACBICON 2016	12-15 2016
2	Dr Sunil Pai	2nd prize in the Postgraduate Lecture update	25 Feb 2016
3	Dr Rakesh K B	First prize in oral paper session at the national workshop Pharma Search	23-24 Sep 2016
4	Dr Mekala	Poster Presentation – 1st Mangalore Pedicon and M R Shenoy oration 2016	12-13 Mar 2016
5	Dr Shijith M R	Dr A Bhasker Rao Memorial Prize Exam	18 Mar 2016
6	Dr Kalary Jayanthi, Dr Umesh Krishna and Dr Neha Singh	1st Place in Quiz organized by Karnataka State Ophthalmic Society	18-20 Nov 2016
7	Dr Gloria George	Best Paper award in 10th International Conference on Clinical and Experimental Ophthalmology	21-23 Nov 2016
8	Dr Vikranth Kambhoj	Gold Medal in paper presentation in AOI TS and South con 2016, 2nd Telangana state and 12th South Zone conference AOI conference 2016, Hyderabad	7-9 Oct 16
9	Dr S K Deepika Dammavalam	2nd Prize in Poster Presentation AICOG, Agra, A case report on pseudomyxoma peritoney with bordering ovarian tumour following appendectomy	15 Jan 2016
10	Dr Selva Magesh T	2nd prize for his E- poster on Theme: “Excellence in Body Imaging” Sri Ramachandra University, Chennai	15-18 Dec 2016
11	Ms Nikita D Dadlani, II MASLP	Best poster award in language for the scientific poster at 6th Tamil Nadu Indian Speech and Hearing Association conference, Pondicherry	18-20 Nov 2016
12	Ms Akhila R N, II MASLP	2nd place in poster presentation in Audiology at Tamil Nadu Indian Speech and Hearing Association conference, Pondicherry	18-20 Nov 2016
13	Ms Sujitha R, II MASLP	3rd place in oral presentation in Audiology for the scientific paper at 6th Tamil Nadu Indian Speech and Hearing Association conference, Pondicherry	18-20 Nov 2016

Sl no	Name	Details	Date
14	Ms Florida D'Souza, II MASLP	3rd place in oral presentation in Speech for the scientific paper at 6th Tamil Nadu Indian Speech and Hearing Association conference, Pondicherry	18-20 Nov 2016
15	Ms Ancy Varghese, II MASLP	"Raghunathan Award" for Best Paper in Speech for the scientific paper at 48th National conference of the Indian Speech and Hearing Association Conference, Mumbai	5-7 Feb 2016

Sl no	Event	Participant	Details	Date	
Manipal University Inter-Collegiate					
1	Basketball (Women)	S Abhinaya (Captain)	Winners	28-29 Feb 2016	
2	Volley ball (Women)	Arpitha K J (Captain)	Runners up	7-8 Mar 2016	
3	Throw ball (Women)	Vaishnavi J (Captain)	Winners	30 Mar 2016	
"MIST" INTER MEDICS, KMC Manipal					
4	Throw ball	Ms Vaishnavi	Winners	24-30 Apr 2016	
5	Cricket	Mr Sagar Goel	Winners		
6	Hockey (11 side)	Mr Anuragh Singh	Winners		
7	Hockey (5 side)	Mr Anuragh Singh	Winners		
8	Table Tennis (Women)	Ms Archana G	Winners		
9	Squash (Women)	Ms Kashvi	Winners		
10	Table Tennis(M)	Ashish Reddy	Runners up		
11	Basketball (W)	Abhinaya	Runners up		
12	Hockey (5side)	Pratheek	Runners up		
13	Athletics (MandW)team	Kuldeep	8 Madals		
14	Swimming (MandW)team	Ujjwala Raina	40 Madals		
SPANDAN Inter Medics tournament JIPMER, Pondicherry 2016-17					
15	Basketball (W)	Dr S Abhinaya	Runners up		21-27 Aug 2016
16	Badminton (W)	Gayatri Sapale	Runners up		
17	Futsal (W)	Ayushi	Runners up		
M U Inter Collegiate tournaments 2016-17					
18	Swimming (MandW)	Ujjwal Raina (Captain)	18 Madels,Ujjwal Raina -Gold 1, silver 8 nos. bronze 1, Harsha Jaiswal Sanjay, Sachin and Siddarth Pai, Relay Event - 8 bronze Medals	3-4 Sep 2016	
Manipal University Inter-Collegiate Table Tennis tournament					
19	Table tennis (Women)	Archana G	Winners	10 Sep 2016	
Inter-AHS tournament, SOAHS Manipal					
20	Volley Ball (Women)	Betty Thomas (Captain)	Runners up	23-24 Jan 2017	

Sl no	Event	Details	Date
1	Cultural Fest-Pulse 2016 The all India Institute of Medical Science, New Delhi	Pencil Sketching First – Kritika Bansal Poster making First – Varun Holla, Shreya Sharma Finger Painting First Varun Holla Taboo - First Saad Siddiqui, Kritika Bansal, Shreya Sharma, Shruti Chandrasekharan English Point-Counterpoint – Second Shruti Chandrasekharan	16-22 Sep 2016

Sl no	Event	Details	Date
		Pictionary – Second Saad Siddiqui Kritika Bansal, Shreya Sharma, Shruti Chandrasekharan	
		Pulse Got Talent – Second Saad Siddiqui	
		Tattoo Making – Second – Varun Holla, Kritika Bansal	
		Password – Third Saad Siddiqui, Kritika Bansal, Shreya Sharma, Shruti Chandrasekharan	
		Face Painting – Third Kritika Bansal Shreya Sharma, Shruti Chandrasekharan	
2	Cultural Fest – Pegasus 2016, held at Christian Medical College, Vellore	Adzap - Second Chirantan Suhrud, Mohammed Shaheen, Nitin Ram, Shagun Tuli, Shubham D K, Ayush Singh, Shashank Jain, Rohan Kapoor	21-25 Jul 2016
		90 Seconds - Third Chirantan Suhrud, Nitin Ram	
		Spin A Yarn - Third Mohammed Shaheen	
3	Cultural Fest - Utsav 2016 Kasturba Medical College, Manipal Campus	Debate – Frist Arjun Tandon, Shatadru Seth	4-7 Apr 2016
		Rongoli – First Sriranjini Iyer, Narendran, Kritika Bansal	
		Indian Non-Classical Vocals Group-First Saksham Dhawan Shubhada Karnamadakala, Ish Middha, Aparajita Sharma, Shubham D K, Aishwarya Ramakrishnan, Saikat Dasgupta, Ishita Tyagi	
		Mimicry – First Mohammed Danish	
		Street Play – First Astha Sharma, Rohil Mehta, Kriti Tripathi, Prateek Prasoon, Aastha Garg, Ayush Singh, Shubham D K, Ajith Ararvind	
		Potpourri – Second Kush Gupta, Arjun Agarwal, Ashwani Shahi	
		Installation – Second Srinivas Kamath Sriranjini Iyer, Narendran	
		Clay Modelling – Second Narendran, Aishwarya Ramakrishnan, Varun Holla	
4		Antakshari – Second Singdha Raja, Vaishnavi Jatana, Vishaka Kashyap, Third –, Akshay Thakur, Meha Gupta, Harleen Cheema	
		Creative Jam – Third Chirantan Suhrud, Srinivas Kamath, Yash Alok, Abhinav Singhal, Anand Raj	
		Hindi Poetry – Third Astha Sharma	
		Western Group Dance – Third Komal Routela, Nikita Achar, Pavan, Mohammed Shaheen, Saubhagya Srivastava, Meghna Maheshwari, Gokul Suresh, Sameer, Philip Abraham, Shree	
5		Just-A-Minute –Third Shatadru Seth	
		Mime – Third Rohil Mehta, Arjun Agarwal, Arjun Tandon, Shodhan Aithal, Saad Siddiqui, Rithwik Hegde, Mohammed Shaheen, Shivam Sharma	

Photo archive of important events



Inauguration of the Preconference CMEs and workshops of ACBICON 2016



ACBICON-2016 - The IFCC-TFYS, CME on career opportunities for young scientists



Pre-conference workshop Hemoglobin variants – the fundamentals and challenges



Inauguration program of ACBICON -2016



Pre-conference workshop of ACBICON 2016



Installation of the new president for the ACBICON 2017



ACBICON 2016 Preconference CME on "Framing clinically oriented MCQs and designing OSPE stations in Biochemistry - A hands-on approach"



Pharmacology Post graduate lecture



Felicitation of Dr Parvathi Bhat, Former Professor and Head, Department of Pharmacology, KMC, Mangalore



Workshop on “Principles of Biosafety, Biosecurity and Lab Quality” – 28 May 2016



Workshop on V-SMART Visibility in Social Media and Research Transmission



CME on “Tropical Medicine Update – 2016” – 30 Nov 2016



CME on Zoonosis – Human interaction with animals – “Boon or Bane” – 23 Jan2016



MM-STEP Program Phase-0 on 27 and 28 Feb 2016



CME on Zoonosis – Human interaction with animals – “Boon or Bane” – 23 Jan2016



ICCD 2016 was held on 15 Feb 2016 at Sushrutha Hall.

CME- HIV updates 2016

A half-day CME was held on 2 Dec 2016 at the medical education unit because of World Aids day. Theme of the event was “Hands up for #HIV prevention” in accordance with the current years UNAIDS theme. The program was held by the collaboration of departments of Medicine and Paediatrics with McGill centre for infectious diseases. Dr M V Prabhu Dean, KMC, Mangalore, who was the chief guest, inaugurated the function and Dr Ramakrishna Rao, District Health officer, Dakshin Kannada district was the Guest of Honour. The CME focused on bringing about holistic knowledge about HIV/AIDS in the form of interactive case discussions and scenarios in the fields of Medicine, Paediatrics and Obstetrics and Gynaecology. There was also a heart-warming session on social issues in HIV by Rev Father Mathew Perumpil and few orphan adolescents affected with HIV shared their personal experiences. The program ended with a quiz for postgraduates, which was won by team from KMC, Mangalore.

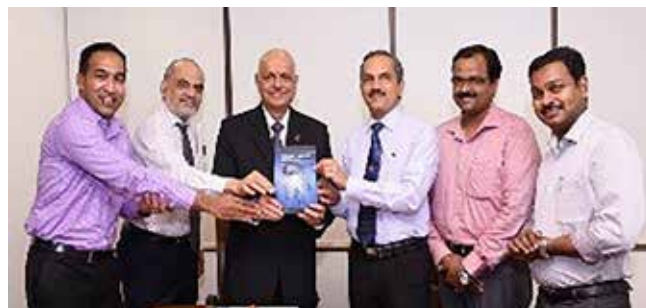
Department of Forensic Medicine, KMC, Mangalore



Daan Utsav -

India’s largest philanthropic event week celebrated every year covering Gandhi Jayanthi engaging people from various sectors as well as public in the acts of giving which would span from the fundamental commodities like food and clothing to indispensable assets like money and knowledge. “In learning you will teach, in teaching you will learn” – Phil Collins; inspired by this quote, the Department of Forensic Medicine, KMC, Mangalore, organized the “Gyaan Daan Saptah” from 2 to 8 Oct 2016. For the very first time, a tour of the Forensic Museum was made available for the community. The event was flagged off in Manipal with the members of “Tour-de’ Manipal” group who covered a distance of 60km from Manipal to Mangalore on their bicycles.

The text book of “Forensic Analysis - From Death to Justice” from Intech publishers, an International book edited by Dr B Suresh Kumar Shetty and Dr Jagadish Rao Padubidri was officially released by Dr H S Ballal, Pro Chancellor, Manipal University, Dr Narayan Sabhahit, Registrar – Manipal University and Dr M V Prabhu, Dean KMC, Mangalore on 7 Oct 2016.



The first batch of Forensic Residents from Ethiopia



Dr Jagadish Rao Padubidri, Associate Professor, Department of Forensic Medicine, KMC, Mangalore, Manipal University, chaired scientific presentations and bagged the first place in the staff category for the poster presentation titled “Non-Laminated windshield - A cut-down in cost V/S a cut down of neck” at the 13th Annual conference of South India Medico-legal Association (SIMLA), organized by Department of Forensic Medicine and Toxicology, K S Hegde Medical Academy, Mangaluru, Karnataka on 8 and 9 Oct 2016.



Intercollege Debate Competition on Surrogacy titled "Womb for Share vs Womb for Sale" on 23 Oct 2016



NEUROPATHOLOGY CME – 2016



Welcome speech by Dr Shobha G Pai, Professor and Head of Ophthalmology



MAC 2016.



Dr Gloria George got "Best Paper Award" in 10th International Conference at Dubai from 21–23 Nov 2016



MAC 2017.



Life skills training workshop for teachers on 17 Jun 2016



28.

MANIPAL COLLEGE OF DENTAL SCIENCES

Light House Hill Road, Mangalore – 575 001

Phone Number: 0824 2428716/2422271

Email-Office: codsmng@manipal.edu Dean: dean.mcodsmnr@manipal.edu



Dean: Dr Dilip G Naik

Established: 1987

Programs:

BDS (Undergraduate)

MDS (Post graduation in):

- Orthodontics and Dentofacial Orthopaedics
- Oral Pathology and Microbiology
- Periodontology
- Prosthodontics and Crown and Bridge
- Conservative Dentistry and Endodontics
- Oral and Maxillofacial Surgery
- Paedodontics and Preventive Dentistry
- Oral Medicine and Radiology

- Public Health Dentistry

Diploma

- PG Diploma in Dental Materials

Certificate

- Certificate Course in Dental Mechanics
- Certificate Course in Restorative Dentistry
- Certificate Course in CBCT

Post MDS

- PhD Program

About institution:

Manipal College of Dental Sciences, Mangalore, was established in the year 1987. It has had the unique distinction of being the first dental institute in the country to be permitted to admit 100 students from the very first year of inception, along with the simultaneous commencement of post-graduate degree programs. As an ISO certified institution (ISO 9001:2008 and 14001:2004), MCODES, Mangalore, has endeavoured to meet the challenges of

global recognition and is recognized by the Malaysian Dental Council.

It provides an environment that is conducive to optimal patient care, learning and research with its infrastructure that includes 311 dental chairs, state-of-the-art dental equipment and laboratories, centrally air-conditioned library, lecture halls and CDE rooms with audio-visual aids, and access to the newer generation of dental materials that

ensure optimal training in undergraduate and postgraduate training programs.

- The institute also has a mobile dental clinic with two automated dental units that help render treatment in areas with limited access to dental care. It also has five rural satellite dental clinics.
- Cone Beam Computed Tomography (CBCT) Machine with the latest software applications like 3D Face photo, 3D Model Scan, 3D Ortho Studios, Ceph analysis and ENT applications is the first of its kind in the country.
- MCODS, Mangalore, has been ranked 6th among private dental colleges in India and 13th among 305 Dental colleges of India according to the survey by Outlook "Best Professional Colleges-2016".
- MCODS, Mangalore, has been recognized as the Most Proactive Dental College of the Year 2015-16 for the outstanding performance in the clinics and research contributions by Guident Dental Academic Excellence Awards and Oral Medicine and Radiology department as the best department.

Institutional activities/curricular activities:

New initiatives:

Sl no	Activity	Particulars
1	Establishment of Centre for Forensic Odontology in collaboration with Department of Forensic Medicine, Kasturba Medical College, Mangalore	<ol style="list-style-type: none"> To develop a database for identification of features and traits among the Indian subpopulations To sensitize medical and dental personnel to various techniques of forensic odontology To undertake training and conduct studies pertaining to forensic odontology To start a course in forensic odontology after sufficient data and experience is attained.
2	Preparation of curriculum based on OBE (Outcome based education)	To improve internal academic strength
3	Establishment of alumni cell "ARMCODS"	To increase alumni activities in the institutions by inviting alumni at regular intervals as speakers at any CPD programs To capture the placements or enrollment to PG studies, achievements by alumni, etc.

All other activities in the department relating to the program/course:

Sl no	Activity	Particulars
1	The 153rd birth anniversary of Swami Vivekananda	Manipal University, Mangalore campus celebrated the 153rd birth anniversary of Swami Vivekananda on 12 Jan 2016. Conducted essay competition for the students.
2	The College Annual Day and Awards Ceremony	The ceremony was celebrated on the 11 Mar 2016. Dr Vijayakumar, Vice Chancellor, Yenepoya University, Mangalore, was the Chief Guest.
3	International Yoga Day	The 2nd International Yoga Day enthusiastically brought together the students and staff of Kasturba Medical College, Mangalore and Manipal College of Dental Sciences, Mangalore in their quest to find inner peace through meditation. Mr Shrikar B, an engineer and yoga enthusiast, affiliated and Dr Dhanashree B, a Professor in the Dept of Microbiology, guided the audience on various techniques in meditation and relaxation.
4	Certificate awarding ceremony	Certificates of the Certificate Course in Restorative Dentistry were awarded to the candidates of 2015-2016 batch on 4 Oct 2016. Dr V Surendra Shetty, Pro Vice Chancellor, MU, presided over the ceremony and awarded the certificates.
5	Swatch Bharath Abhiyan	With the mission of keeping the surrounding clean, the students with the support of teaching and non-teaching faculty members conducted Swatch Bharath Abhiyan on 27 Sep 2016 at Light House Hill Campus
6	Rashtriya Ekta Diwas	On Sardar Vallabhbhai Patel's birth anniversary, MU Mangalore campus conducted various competitions for the students of both MCODES and KMC such as slogan writing, Essay writing and T-shirt designing. Enthusiastic participation was observed from the students of all batches. After the ceremony, as a part of an initiative by Central Vigilance Commission (CVO), all present took the "integrity Pledge."

Sl no	Activity	Particulars
7	Samvidhan Divas	Celebrated Samvidhan Divas, on 26 Nov every year to commemorate the adoption of Constitution of India.
8	Manipal University Student Research Forum (MUSRF) of Manipal College of Dental Sciences	<p>Conducted a workshop on Forensic Dentistry on 11 Apr 2016 titled Bite of Crime. The Chief Guest, Dr Sanjeev M Patil, Deputy Commissioner of Police, (Crime and Traffic) of Mangalore City Police, gave a brief description of the crime scene and the importance of dental evidence in solving a crime. He also recommended inclusion of crime scene visitation as part of the dental curriculum. Dr Ashith B Acharya, a pioneer of forensic odontology in India, was the resource person for the workshop. A hands-on workshop gave the students an opportunity to practice digital methods of age estimation and bite mark identification.</p> <p>Webinars: Hosted a series of webinars on "Dentistry: A Global Perspective."</p> <p>Annual seminar and awards ceremony: To commemorate the establishment of MUSRF at MCOADS, conducted an Annual Seminar and Awards Ceremony on 1 Oct 2016. The Commissioner of Police Shri M Chandra Sekhar, IPS, was the Chief Guest for the event and Dr Sanjeev M Patil, Deputy Commissioner of Police (Crime and Traffic), Mangalore City was the Guest of Honour. Dr V Surendra Shetty, Pro Vice Chancellor MU presided over.</p> <p>Future dental professional program: Conducted a series of lecture programs for undergraduate students.</p>
9	Annual sports day	Held on 14 Feb 2016 at Mangala Stadium, Mangalore. Dr Rekha T, Deputy Director Students Affairs, MU, Mangalore campus was the Chief Guest
10	CINECODS-2016	The annual event of the Dental Week was conducted in Feb 2016. The theme for this year was "CINECODS 2016". Inter-batch competitions ended with the Valedictory ceremony. Batch of 2013 (Third year Students) emerged victorious, followed by the Batch of 2014 (Second Years) who were the first runners up.
11	SHOLAY	The Diwali party was themed "Sholay" by the council of 2016-17 on 26 Oct 2016. Chief guests Dr Manoj Verma, Dean, and Dr Lavanya Verma, Associate Dean of Srinivasa Dental College, who are also alumni of MCOADS Mangalore, honoured the event.
Department of Conservative Dentistry and Endodontics		
12	Continuing Dental Education Program	The first edition in the series, RESTOR ENDO 2016 was held on 3 Mar 2016. It was marked by lectures by three renowned speakers in the field of esthetic dentistry and 150 participated the program.
13	Continuing Dental Education Program	The second edition of RESTOR ENDO II was held on 29 Jun 2016 to motivate and orient young researchers. Dr N Vasudev Ballal, Professor in Dept of Conservative Dentistry and Endodontics, MCOADS, Manipal, Dr Ramya Shenoy, Associate Professor in Dept of Public Health Dentistry, MCOADS, Mangalore, Dr Suchitra Shenoy M, Professor in Dept of Microbiology, KMC, Mangalore were the resource persons
14	Workshop	Hosted a workshop on Caries and Perio Risk Assessment on 17 Aug 2016 by Dr Latha Davda.
15	Continuing Dental Education Program	Dept of Conservative Dentistry and Endodontics, in association with GC India conducted a CDE program "MI dentistry" on 25 Aug 2016. Dr Avijit Banerjee, Professor of Cariology and Operative Dentistry/Hon Consultant and Clinical Lead, Restorative Dentistry; KCL Dental Institute at Guy's Hospital, London delivered a lecture.
16	Continuing Dental Education Program	Conducted a CDE program on Successful Esthetic Restorations on 14 Dec 2016. Dr Pallavi Patil, guest speaker, spoke on the latest techniques. A hands-on workshop was conducted and the best restoration was awarded with gifts contributed by 3M ESPE.
Department of Dental Materials		
17	Continuing Dental Education Program	Conducted a CDE program on "Outcome – Based Education" on 4 Jul 2016. Dr Arun Prakash, Associate Dean, Faculty of Dentistry, Melaka-Manipal Medical College, Manipal, was the resource person.
Department of Oral and Maxillofacial Surgery		
18	BLS workshop	BLS (Basic Life Support) course was held successfully in Apr 2016

Sl no	Activity	Particulars
19	Continuing Professional Development	Conducted a program MAX Facts 2016 - Emergency Skills for Dentists, on 8-10 Sep 2016. The guest speakers included Dr John T Ramapuram, Prof and Unit Chief, Dept of General Medicine, KMC Mangalore who presented "Standard Precautions and Needle Stick Injuries"; Dr Jeedhu Radhakrishnan, Consultant, Emergency Medicine, KMC Hospital, Mangalore - "Medical Emergencies in Dental Clinics"; Dr Madhusudhan Upadya, Prof and Unit Chief, Dept of Anaesthesiology, KMC, Mangalore - "Do's and Don'ts of Parental Injection Techniques."
20	Hands-on workshop	Conducted a hands-on workshop "Emergency Skills for Dentists," on 18 Nov 2016. The resource persons were Dr Jeedhu Radhakrishnan, Consultant, Emergency Medicine, KMC Hospital, Dr Madhusudhan Upadya, Prof and Unit Chief, Dept of Anaesthesiology, Dr Nishant Baliga and their team from the Dept of Anaesthesiology, KMC, Mangalore.
Dept of Oral Pathology and Microbiology		
21	Continuing professional development	Conducted "Morte Gauge" a continuing professional development program in forensic dentistry, which aimed at increasing the awareness of medical and dental professionals in medico-legal situations on 24 Aug 2016. The resource persons were Dr Mohd Fadhli bin Khamis (Deputy Dean, Faculty of Dentistry, Universiti Sains Malaysia, and renowned Forensic Odontologist, PhD, Australia) and Dr Shailja Chatterjee (Prof, Dept of Oral Pathology, MM College of Dental Sciences, MM University, Mullana, Haryana) were the resource persons.
Dept of Orthodontics and Dentofacial Orthopaedics		
22	Continuing Dental Education Program	Conducted a one-day CDE program "Growth Modulation- Concepts and Application" on 9 Jan 2016. Dr Girish R Karandikar, Prof, Mahatma Gandhi Mission's Dental College and Hospital, spoke on the relevance and importance of functional appliances while Dr G Sreejith Kumar, Prof, Government Dental College, Trivandrum discussed diagnosis and treatment planning and bite registration. Dr Kiran Kumar H C, Prof, Bapuji Dental College, talked about orthopaedics in orthodontics and conducted a live demonstration of headgear bending and delivery.
23	Hands-on workshop	Conducted a two-day hands-on dental photography workshop on 3-4 Aug 2016. The resource person was Dr Mayur Davda, Head Dental Photography School, Mumbai, and a Canon Photomentor.
24	Continuing Dental Education Program	Conducted a two-day lecture and hands-on course; Orthognathic like Orthodontics on 14-15 Oct 2016. The resource persons were Dr Vijay Baswa, Consultant Orthodontist, Kuwait, Dr Rajaganesh Gautam, Prof, Rangoonwala Dental College, and Dr Abhisek Ghosh, Director, Great Lakes Orthodontics, Kolkata.
Department of Paedodontics and Preventive Dentistry		
25	Continuing Dental Education Program	Conducted a one-day CDE program "Pedoapp 2016" on 17 Aug 2016. The speakers were Dr Latha Davda, Clinical Director, University of Portsmouth Dental Academy, UK. Dr Jitendra Ariga, Director, School Oral Health Program, MOH, Kuwait-Forsyth, Kuwait and Dr Rashmi Nayak Prof and Head, Dept of Paedodontics and Preventive Dentistry, MCOADS, Manipal.
26	Children's day	Celebrated Children's day on 14 Nov 2016 and the department conducted the school health programs in various schools of the city.
Department of Periodontology		
27	Oral Hygiene Day	Program was conducted in an old age home by Dept of Periodontology, MCOADS, Mangalore, on 1 Aug 2016 at Vatsalyadhama. Dr Deepa G Kamath, Prof, Head, and Dr Neetha Shetty, Associate Prof explained the importance of oral hygiene among the geriatric patients.
28	World Diabetic Day	Celebrated in collaboration with KMC, Mangalore, on 14 Nov 2016. An e-poster competition for the undergraduate students and interns of KMC, Mangalore, was conducted.
29	Continuing Dental Education Program	Conducted a Program on "Microsurgery – Redefining Periodontal Surgery" on 10 Dec 2016. Dr K V Arun, Prof, Head, Dept of Periodontology, Ragas Dental College and Hospital, Chennai was the resource person. A hands-on workshop was conducted.

Sl no	Activity	Particulars
Department of Prosthodontics and Crown and Bridge		
30	Hands on Workshop	Conducted "Eye for Implantology" – Beginner's Workshop on 10 Aug 2016. Dr Shobha Rodrigues and Dr Thilak Shetty elaborated on Diagnosis and treatment planning and anatomic considerations. Dr Mathai Joseph explained Infection control methods. Dr Shobha Rodrigues spoke on Implant surgical protocol. Dr Umesh Pai spoke on Impression techniques in implantology and demonstrated closed and open tray impression techniques. Following these talks, there was a hands-on workshop. Dr Arvind R and Dr Joanna Baptist demonstrated suturing techniques to the participants.
Department of Public Health Dentistry		
31	Continuing Dental Education Program	Department established a Tobacco Cessation Centre to address various issues related to tobacco use. To commemorate this event, a two-day capacity building and training program on tobacco cessation titled "ImpACT: IMpLeMenting Activities for Cessation of Tobacco" was organized on 10-11 Aug 2016. A team of experts from NIMHANS led by Dr Pratima Murthy conducted a capacity building and training program for the participants. The team also included Dr Prabhat Chand Kumar, Addl Prof of Psychiatry, Centre for Addiction Medicine, Dept of Psychiatry, NIMHANS and Dr Venkata Lakshmi Narasimha, Post-Doctoral Fellow and Senior Resident, Centre for Addiction Medicine, Dept of Psychiatry, NIMHANS. Dr Harsh Priya, Assistant Professor, Division of Public Health Dentistry, Centre for Dental Education and Research, All India Institute of Medical Sciences (AIIMS), New Delhi also participated as a resource person.
32	Workshop	Conducted a Workshop on Research Methodology and Biostatistics, "eviDENS-2016" on 21-22 Sep 2016. The resource persons of the program were Dr B Unnikrishnan, Prof and HOD of Community Medicine, KMC, Mangalore, Dr Ashwini Rao, Dr Rajesh G, Dr Ramya Shenoy, and Dr Mithun Pai, Faculty Members of MCOODS, Mangalore.

Details of guest visit (lectures, collaboration, visitors on campus):

Sl no	Visitor	Name of the University	Purpose of visit	Date of visit
1	Dr Jeffrey W Hutter, Dean of Boston University, Dr Laisheng Chou, Prof of Oral Medicine and Biomaterials Dr Sudha Chinta, Endodontist, Goldman School of Dental Medicine, Boston University, USA	Boston University	collaborations	26 Feb 2016
2	Dr Vijaya Kumar Vice Chancellor	Yenepoya University, Mangalore	Chief Guest for the Annual College Day and Awards Ceremony	11 Mar 2016
3	Prof Dr Jiban Misra Prof P V Wanjari		NAAC Assessors	24 May 2016
4	Dr Amit Chattopadhyay, Adjunct visiting faculty	Kuwait University, Faculty of Dentistry, Safat, Kuwait	Guest Lecture	9 Aug 2016
5	Dr Manu Alexander, 1991 batch alumni	A general dental practitioner in Tucson Arizona, USA.	Interactive session with interns	20 Dec 2016

Details of publications:

National		International	
Indexed	Non-Indexed	Indexed	Non-indexed
31	17	32	5

Conferences attended by institution faculty and students:

	National	International
Faculty members	31	11
Students	49	6

Details of conferences/workshops conducted by the institution:

Particulars	National	International
CME/CDE	15	--
Workshops	8	--
Guest lectures	5	--

Books/chapters authored by faculty members:

SI No	Name of the Book	Chapter/s name	Faculty members	Publisher
1	Orthodontic Enquest by Jitendra Sharan Arunachalam Shivakumar	Page numbers: 142-158	Dr Shivani Singh	Paras medical publisher
2	Textbook: Endodontics-Principles and Practice	--	Dr Kundabala Shenoy	Elsevier
3	Textbook: Carranza's Clinical Periodontology Second South Asia Edition	--	Dr Dilip Naik Dr Ashita Uppoor	Elsevier

Details of research grants:

SI no	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)
1	Comparision of Antiplaque, Antigingivitis and Anti-streptococcus mutans effectiveness of Probiotic and Chlorhexidine mouth rinses - A Randomized Trial.	Ms Shreya Shruti Shah	Indian Council of Medical Research, New Delhi	10,000
2	Effectiveness of comprehensive oral care on Bradburn scale of psychological wellbeing among young adult smokers and tobacco chewers	Mr Ajith Kamath	Indian Council of Medical Research, New Delhi	10,000
3	A time based objective evaluation of the erosive effects of various beverages on enamel and cementum of deciduous and permanent teeth	Ms Gayathri Rajeev	Indian Council of Medical Research, New Delhi	10,000
4	Evaluation of student's handwashing knowledge, practices and skills in a college setup	Ms K Keerthana	Indian Council of Medical Research, New Delhi	10,000
5	Micronuclei Assay in Various Forms of Smokeless Tobacco	Ms Ansu Ann Abraham	Indian Council of Medical Research, New Delhi	10,000
6	Assessment and comparison of nuclear changes seen in gingivitis and periodontitis using fluorescent microscopy.	Ms Tanya Sawhney	Indian Council of Medical Research, New Delhi	10,000
7	Factors associated with use of dental sealants among dental professionals in Mangalore - A Cross sectional study	Mr Hussain Lokhandwala	Indian Council of Medical Research, New Delhi	10,000
8	Comparative estimation of salivary genotoxic biomarkers in periodontitis patients: a patient-based study	Ms Fiona Shee	IDA	5,000
9	Oral health related knowledge and practices amongst health workers	Dr Shreya Hegde	Apace Life Sciences (P) Ltd Bangalore	20,000
10	Speciation of candida in HIV positive children and adults	Dr Sneha K S	Indian Council of Medical Research, New Delhi	25,000

SI no	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)
11	Micrometastasis in oral squamous cell carcinoma: Prevalence and prediction by immunohistochemical assessment of lymphatic vessels density and tumour characteristics	Dr Ankita Sharma	Indian Council of Medical Research, New Delhi	25,000
12	Effect of diabetes on gingival inflammatory mediators and plaque microbiological profile.	Dr Ashita Uppoor Co investigators: Dr Dilip Nayak Dr Prabha Adhikari Dr Sheetal Dr Swati	Unilever Industries Private Ltd, Mumbai	Project Budget 12,78,510 Received amount 5,60,750 (2016)

Awards/recognitions:

Institution:

SI No	Name	Details	Date
1	College	Won the 3rd Place in Institution category in M U Innovation Day	19 Dec 2016
2	College	Bagged the Overall winner of UTSAV-16 and 3rd place in Staff Utsav-2016	4-6 Apr 2016
3	College	Participated in Yenepoya Cricket league event and won the 2nd position in the tournament (Runners up)	23-27 Oct 2016

Faculty members:

SI no	Name	Details	Date
Department of Oral and Maxillofacial Surgery			
1	Dr Premalatha K,	Good Teacher Award for the year 2015	11 Mar 2016
2	Dr Joanna Baptist	Conducted a workshop in Suturing Techniques 5th International Conference for Healthcare and Medical Students (ICHAMS) conducted by the research summer school of Royal College of Surgeons, Ireland (RCSI) in Dublin.	19-20 Feb 2016
Department of Oral Medicine and Radiology			
3	Dr Ravikiran Ongole	A keynote speaker at the 5th International Conference for Healthcare and Medical Students (ICHAMS) conducted by the research summer school of Royal College of Surgeons, Ireland (RCSI) in Dublin. He addressed more than 200 undergraduate healthcare students as he spoke on the diagnostic challenges in oral cancer.	19-20 Feb 2016
Department of Oral Pathology and Microbiology			
4	Dr Nandita K P	Dr TMA Pai Gold Medal for Outstanding Research Award-2015	11 Mar 2016
Department of Paedodontics and Preventive Dentistry			
5	Dr Suprabha B S	Won the Best Paper award for scientific paper at the 38th Annual National Conference of Indian Society of Paedodontics and Preventive Dentistry, held at Kochi, Kerala	20-22 Oct 2016
6	Dr Suprabha B S	Certificate award for outstanding contribution as a reviewer in recognition of contribution made towards quality of journal by the Journal of Indian Society of Paedodontics and Preventive Dentistry in co-operation with Indian Society of Paedodontics and Preventive Dentistry for the year 2015-16	20-22 Oct 2016
7	Dr Karuna Y M	For securing 1st rank in MDS examination May 2015, Rajiv Gandhi University of Health Sciences, in the specialty of Paedodontics and Preventive Dentistry	Jan 2016
8	Dr Karuna Y M	Certificate appreciation in Manipal University Innovation day 2016	19 Dec 2016
Department of Periodontology			
9	Dr Dilip Nayak	Distinguished Alumnus Award conferred at the Golden Jubilee celebrations of MCOADS, Manipal	24-26 Mar 2016

Sl no	Name	Details	Date
Department of Prosthodontics and Crown and Bridge			
10	Dr Shobha Rodrigues	Won the First prize for the Best Audio-Visual Material for the year 2015	11 Mar 2016
11	Dr Puneeth Hegde	Won the Second prize for the Best Audio-Visual Material for the year 2015	11 Mar 2016
12	Dr Umesh Y Pai	Jury of Guident Dental Academic Excellence Awards-2015-16 has awarded as the most Proactive Dental Academician-Prosthodontics	1 Dec 2016

Students (Postgraduates):

Sl No	Name	Details	Date
Dept of Conservative Dentistry and Endodontics			
1	Dr Kartik S Nath	Won first place in scientific paper presentation at 17th IACDE-IES PG Convention, held at People's Dental College, Bhopal	1 Apr 2016
2	Dr Mary Byju		
3	Dr Neetha Shenoy	Won First Prize in the essay competition conducted by the "Indian Society of Periodontology on – "Occlusal Considerations in Periodontal Therapy" in Nagpur	21-23 Oct 2016
4	Dr Shivangi Vats and Dr Neetha Shenoy	Won first prize in E-Poster presentation at 31st IACDE and 24th IES National Conference held at Kolkata	9-13 Nov 2016
5	Dr Varsha Joseph	Won first prize in the paper presentation at 31st IACDE and 24th IES National Conference held at Kolkata	
6	Dr Ashwin Jayaraman	Awarded Best PG from the Department of Endodontics by Dental Academic Excellence Awards-2015-16	1 Dec 2016
7	Dr Adithya Sanapala, won first prize	At Wet Canvas competition workshop 2016 by 3M ESPE at MCOODS, Mangalore	14 Dec 2016
8	Dr Ashwin Jayaraman Won Second prize		
Department of Oral and Maxillofacial Surgery			
9	Dr Pushkar Kumar Dr Lekha Sharma	Won the third prize in Intercollege Oral and Maxillofacial Surgery quiz "Academic Intelligensia" conducted at A B Shetty Memorial Institute of Dental Sciences, Mangalore.	12 Feb 2016
Department of Oral Medicine and Radiology			
10	Dr Zeena V D Costa	Won the best paper award at the National PG Convention in Oral Medicine and Radiology held at New Delhi	19-21 Aug 2016
11	Dr Fatema H Lukmani	Won third prize for the paper at the National PG Convention in Oral Medicine and Radiology held at New Delhi	
12	Dr Zeena V D Costa	Awarded Best PG from the Department of Oral Medicine and Radiology by Dental Academic Excellence Awards-2015-16	1 Dec 2016
Department of Oral Pathology and Microbiology			
13	Dr Shakthi Dorai	Won 2nd prize in e-poster competition at 6 th UiTM Dental Students Symposium, hosted by Faculty of Dentistry, Universiti Teknologi MARA, Malaysia	20 Apr 2016
14	Dr Nunna Sai Chitra	Won best Scientific paper award under student category at the XXIV National Conference of Indian Association of Forensic Odontology.	23-25 Sep 2016
Department of Orthodontics and Orofacial Orthopaedics			
15	Dr Paulomi Roy	Won first prize for the table clinic presentation at 20th IOS Post Graduate Convention at Amritsar	3-6 Mar 2016
16	Dr Khyati Narula	Won second prize for the poster presentation at 20th IOS Post Graduate Convention at Amritsar	
17	Dr Utkarsh Mangal	Won third prize for the clinical innovation paper presentation category at 20th IOS Post Graduate Convention at Amritsar	

SI No	Name	Details	Date
Department of Paedodontics and Preventive Dentistry			
18	Dr Vignesh P Dr Avani Jain and Dr Tinsy Mary Titty	Won the First Place in the Scientific poster competition at the 13th National PG Convention of the Indian Society of Paedodontics and Preventive Dentistry, held at Hyderabad, Telangana	26-27 Feb 2016
19	Dr Sowmya Sridhar	Won the Best Poster award for scientific poster at the 38th Annual National Conference of Indian Society of Paedodontics and Preventive Dentistry, held at Kochi, Kerala	20-22 Oct 2016
20	Dr Vignesh P	Awarded Best PG from the Dept Paedodontics and Preventive Dentistry by Dental Academic Excellence Awards-2015-16	1 Dec 2016
21	Dr Ellana Jermiah Josph	Won third prize at Wet Canvas competition - 2016 by 3M ESPE at MCODES, Mangalore	14 Dec 2016
Department of Prosthodontics and Crown and Bridge			
22	Dr Nupur H Vaidya and Dr Anand S Kulkarni	Won the Best Paper award for a paper presentation at the 44rd Indian Prosthodontic Society Conference, Mumbai	2-4 Dec 2016

Students (UG):

SI no	Name	Details	Date
1	Ms Sunayana Bhatnagar	Bagged Bronze medal in 99 m butterfly stroke in MU Inter Collegiate Swimming tournament	6 Feb 2016
2	Ms Natasha Raura, Ms Aashna Roy, Ms Alisha Ono Idris bagged First position	As a part of International Women's Day, Indian Dental Association-DK Branch along with Public Health Dept, AJ Institute of Dental Sciences, held a Collage Making Competition at City Centre Mall on the topic "Gender Equality".	8 Mar 2016
3	Ms Aswani Juhi, Mr Saahil Khandelwal, Mr Pratish Aggarwal- Second position		
4	Ms Fong Chia Ying	Silver Jubilee Alumni Gold Medal for the Student who scored highest marks in final BDS 2015. Dr TMA Pai Gold medal for the Best Outgoing Student of the year 2015.	11 Mar 2016
5	Mr Sparsh Kapoor, Dr Subhajit Routh, Mr Yash Singh and Ms Vaishnavi	Won third position in an Inter College Chess Tournament organized by the Dept of Physical Education and Sports of NITK, Surathkal	25-26 Mar 2016
6	Ms Ansu Ann Abraham	1st prize in paper presentation 6th UiTM Dental Students Symposium, hosted by Faculty of Dentistry, Universiti Teknologi Mara, Malaysia	20 Apr 2016
7	Ms Pooja Netalakar Ms Maithreye S R Ms Mahima S K Babu Ms Preeti Prabhu Ms Aarthi Chand	Won the Consolation prize in district level Physiology competition on "HOMEOSTASIS-2016" held at Yenopoya Medical College- Deralakatte	5 May 2016
8	Ms Devyani Bahl	Has been selected as the Elsevier Student Ambassador - 2015-16 from South East Asia.	2016
9	Ms Devyani Bahl Ms Gayatri Rajeev, and Ms Abhipsa Roy	Awarded "The Best Editing" for their short film titled The Silent Assassin which was shown in the laomr National UG Conference 2016 at JDT Campus, Vellimadukunnu. Around 50 colleges from all over India participated in this event. The theme of the short film was "Oral Cancer."	16 Oct 2016
11	Ms Pooja P Netalkar	Awarded best UG-First year by Dental Academic Excellence Awards-2015-16	1 Dec 2016
12	Ms Nikita Rungta	Awarded best UG-III year by Dental Academic Excellence Awards-2015-16	

Sl no	Name	Details	Date
13	Mr Ajith Kamath	Awarded "Best Paper-UG Category" for a paper at 44th KSDC Conference, Hubli-Dharwad	8-11 Dec 2016
14	Ms Sanchita, Ms Sana Chawla Ms Shreepriya Singhania	Certificate of appreciation-Innovation day 2016	19 Dec 2016
15	Ms Jyotsna Arun	Has been nominated for BITEIN Dental award 2016 in the UG category held at World Trade Centre, Mumbai	18 Dec 2016
		Won First Prize for e-poster at Impaction 3 conference, 1st International Undergraduate E-Poster competition held at Faculty of Dentistry MMMC, Malaysia	22 Dec 2016
16	Ms Kathryn B Handtke	Exchange student from University of Iowa, USA	5 Oct to 5 Nov 2016

Photo archive of important events:



Guident Award Winners



COMMUNIQUE newsletter release



Champions in UTSAV 2016



Communique- first two editions



Innovation Day Awards



Microsurgery Workshop Periodontics



Tobacco Cessation Center Inauguration



1991 Batch Alumni Reunion



Student Exchange -Ms Kathryn B Handtke from University of Iowa



Workshop on Forensic Odontology by MUSRF, MCODS, Mangalore

XI

Bengaluru Campus



SCHOOL OF REGENERATIVE MEDICINE

GKVK Post, Allalasdandra, Yelahanka, Bengaluru – 560065

Phone Number: 080-28460671/81

Email-Office: office.mirm@manipal.edu Dean: gopal.pande@manipal.edu



Name of Dean: Dr Gopal Pande

Established: 2007

Programs:

- MSc Regenerative Medicine
- MPhil Regenerative Medicine
- Advanced PG Diploma in Stem Cells and Regenerative Medicine
- PhD Regenerative Medicine

About school:

School of Regenerative Medicine (SORM) was established in 2007 with an aim to generate trained manpower to cater to the emerging field of Stem Cell Technology. Over the years, SORM has emerged as an organization amalgamating strong academics with committed research program in Stem Cell Biology and Regenerative Medicine. Over the years SORM has developed a good infrastructure for advanced research in the field using funds from Manipal University, and research funding from national agencies like DBT, DST, CSIR, ICMR, DRDO, international collaborations and industry sponsored research. This year SORM has revised the syllabus for post-graduate students and the new

course is based upon the research activities of the SORM faculty members and it merges cutting edge research with the teaching program. The Faculty members in SORM have broad interdisciplinary expertise in Developmental Biology, Human Disease Modeling, Neurobiology, Cancer Biology, Immunology and Tissue Engineering. Post graduate students are mentored by the faculty members to either take up a challenging job in the healthcare sector or pursue further research interests within SORM (Dr TMA Pai Fellowship PhD Program) or other institutes of national and international repute. Most reputed universities recognize the curriculum and grading system of SORM across the globe.

Institutional activities/curricular activities:

All other activities in the department relating to the program/course:

Sl no	Activity	Particulars
1	A New Syllabus for MSc in Stem Cell Biology and Regenerative Medicine has been proposed and it is awaiting clearance by the Senate.	The new syllabus contains more emphasis on lab work and rationalization of lecture timings and contents. The course also contains elective topics where students would select topics and work on them for 9–12 months under intensive mentoring by the faculty members. (With Faculty and students of ratio 1:3)

Details of guest visit:**Guest lectures:**

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
1	Dr William Tu	Cell Signaling Technology Inc, USA	Cell Signaling Technology Inc, USA	Guest Lecture	4 Feb 2016
2	Dr Alan Prem Kumar	National University of Singapore	Cancer Science Institute of Singapore and Department of Pharmacology, YLL School of Medicine,	Guest Lecture	14 Mar 2016
3	Ms Grishma Rane	National University of Singapore	Cancer Science Institute of Singapore and Department of Pharmacology, YLL School of Medicine	Guest Lecture	14 Mar 2016
4	Prof Michael Berndt and Prof Pritinder Kaur	Curtin University, Perth, Western Australia	Curtin University, Perth, Western Australia	Guest Lecture	17 Mar 2016
5	Dr DS Krishna Murthy	Geneticist, Dubai	International Consultant of Clinical Human Cytogeneticist	Guest Lecture	28 Sep–4 Oct 2016
6	Dr Ravi Manjithaya	Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore	Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore	Guest Lecture	18 Oct 2016
7	Prof Geeta Vemuganthi	University of Hyderabad	School of Medical Science	BOS Meeting – Expert committee member and Guest Lecture	17 Nov 2016
8	Dr Gundu Rao	University of Minnesota	University of Minnesota	Guest Lecture	22 Dec 2016

Details of publications:

National		International	
Indexed	Non-Indexed	Indexed	Non-indexed
5	--	11	--

Conferences attended by Institution faculty and students:

	National	International
Faculty members	4	2
Students	4	--

Details of conferences/workshops conducted by the institution:

Particulars	National	International
Conferences	1	--
Seminars	6	--
Others	1	--

Details of research grants:

Sl no	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)
1	Exploring proliferative and differentiation potential of Ayurvedic Rasayanas using human umbilical cord derived Mesenchymal Stem Cells (MSCs)	Dr Ramesh R Bhonde	SERB	5,00,000.00
2	Role of epigenetic modification and Wnt signalling in cardiac differentiation from mesenchymal stem cells and application in congenital heart diseases	Dr Sudha Warriar	DBT	25,03,200.00

Sl no	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)
3	Discerning the influence of ecto-nucleotidases on reparative properties of Mesenchymal stem cells	Dr Jyothi Prasanna	DBT	8,22,000.00
4	Differentiation of human induced pluripotent stem cells towards retinal pigment epithelium	Dr Rajarshi Pal	Eyestem Research Pvt Ltd	14,57,800.00
5	Prof of concept studies to understand the after-effects of ionising radiation on human stem cells	Dr Rajarshi Pal	BRNS	12,00,250.00
6	Wnt antagonism of cancer stem cells of glioblastoma	Dr Sudha Warriar	DBT	6,66,600.00

Awards/recognitions:

Institution:

Sl no	Name	Details	Date
1	Dr Sudha Warriar	TMA Pai Outstanding teacher award	Mar 2016

Faculty members:

Sl no	Name	Details	Date
1	Dr Sudha Warriar	1) Travel award for attending the European Molecular Biology Organization (EMBO) meeting in Mannheim, Germany, to present a paper titled – Epigenetic modifiers facilitate robust cardiomyocyte – differentiation of chick embryonic mesenchymal stem cells accompanied by changes in the Wnt β -catenin pathway.	Sep 2016
		2) Travel award from Wnt-EMBO Organization to attend the Wnt meeting in Brno, Czech Republic, to present a paper titled – Attenuation of Wnt signaling by diosgenin, a steroidal saponin, causes increased chemosensitisation and apoptosis of breast cancer stem cells.	Sep 2016
		3) Dr TMA Pai Gold Medal for outstanding research award for the academic year 2015 of Manipal University	Mar 2016

Students:

Sl no	Name	Details	Date
1	Ms Smitha B Rao (PhD student)	XL All India Cell Biology Conference held at Gwalior; Oral Paper Presentation – Winner - Title: “Paradoxical role of Zic3 in adult neurogenesis: unravelled by stem cell model system”	Nov 2016

Photo archive of important events:



Guest Lecture by Prof Michael Berndt, Pro Vice Chancellor, Head Faculty of Health Sciences, Curtin University, Perth, Western Australia



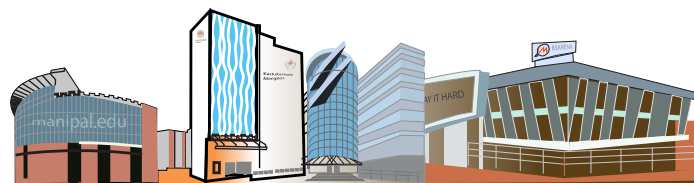
Sports Day prize distribution



Republic Day celebration

XII

Centre of Excellence



MANIPAL CENTRE FOR PHILOSOPHY AND HUMANITIES

Dr TMA Pai Planetarium Complex, Manipal University, Manipal - 576104

Phone Number: +91 820 2923561

Email-Office: office.mcph@manipal.edu Hol: nikhil.govind@manipal.edu



Name of HoD: Dr Nikhil Govind

Established: 2010

Programs:

- MA English
- MA Philosophy
- MA Sociology
- Integrated MA/PhD Program
- PhD Program

About department:

Manipal Centre for Philosophy and Humanities (MCPH) began functioning in Feb 2010. The centre was established to not only promote humanities and liberal arts education at Manipal University, but also function as a Centre of Excellence for teaching, research and social sensitivity. With increased awareness all over the world about the importance of humanities education, the objective of this Centre is to foster innovation in research and pedagogy in the humanities and to retain its reputation as one of the top programs in India. Masters and PhD programs in the

fields of English, Sociology and Philosophy are conducted for students that match the best international institutions. The task of the Centre is to encourage critical and creative thinking across a wide variety of disciplines. One of its core aims is to foster original writing from India in the fields of social sciences and humanities. The programs incorporate concepts from both Western and non-Western intellectual traditions to give the students a strong theoretical foundation, as well as research and writing skills.

Institutional activities/curricular activities:

a) New initiatives:

Sl no	Activity	Particulars
1	K K Hebbar Art Centre (HGAC)	The portraits of K K Hebbar represent his visual language. Hebbar is one of the most prominent modernist artists in India who was contemporary to the Bombay Progressive Artist's Group and belonged to a secular landscape of the post-independence Nehruvian era. An art gallery of his was opened in this period for public viewing and is open 10-5 pm on working days. Various events are organized related to art by the HGAC.

Sl no	Activity	Particulars
2	Centre for Women's Studies (CWS)	The CWS at Manipal Centre for Philosophy and Humanities was set up to bring forth a more nuanced social discourse on issues of equity and dignity of women, and initiate dynamic conversations on issues of social, political and economic importance related to gender issues. Its mission is to institute an interdisciplinary centre of international calibre that focuses on equality and ethical issues relating to gender and sexuality. The CWS aims to document, study and advocate women's issues in different spheres such as education, employment, health, legal system and policy. To sensitize, educate and encourage different target groups and stakeholders to address the complex changing demands of women's issues in a developing country like India. Through these activities, the CWS seeks to build Manipal University's reputation as a gender-sensitive organization and collaborate with different MU institutions working on gender related issues. The Centre conducts research and programs related to Gender and women's issues.
3	Centre for Religious Studies	The Centre for Religious Studies proposes to develop a comparative, multidisciplinary perspective to study the constant changes in the expressions and significance of religious practices in the past and in the present. We want to bring together expertise in specific religions with a comparative approach that draws on a variety of humanistic and social scientific disciplines. The Centre promotes interdisciplinary research, interchange and collaboration focused on religious studies among faculty members in Manipal and in the wider community through seminars, conferences and papers.
4	Centre for Cultural History	The Centre for Cultural History seeks to bring to Manipal many of the most important scholars in the field of aesthetics, literature and history to discuss the latest developments and trajectories of their research. The aim is to address both the scholars and the public on some of the most arresting and pertinent questions of our time.

Other activities in the department relating to the program/course:

Sl no	Activity	Particulars
1	Inauguration of K K Hebbar Art Gallery	Inaugurated the portraits of K K Hebbar representing his visual language.
2	A talk by Professor Deepak Sharma on Athato "Hinduism" Jijnasa for inauguration of Centre for Religious Studies on 11 Aug 2016	Deepak Sharma addressed ongoing controversies concerning voice and authority in Hinduism and Hindu studies through the lens of 13th Century Scholar Madvacharya.
3	A lecture on Garuda Sastra at the boundaries by Michael Slouber on 29 Aug 2016 was conducted by Centre for Religious Studies	Garuda Sastra is a religiously oriented medical tradition for snakebite that flourished in India over 1000 years ago. The presentation introduced features of the classical stage of this system in which knowledge and faith are harnessed in intricate visualization, accompanied by secret mantras to god and goddesses who take on avian forms.
4	Inaugural lecture on Why Have More Women's Study Centres Today? by Dr Ravinder Kaur on 26 Aug 2016 on the inauguration of Centre for Women's Study	As a part of the inaugural event a public talk was organized by the eminent women's Studies Scholar.
5	"Akshayambara" held on 17 Sep 2016 under Centre for Women's Study	A play to bring awareness on gender issues based on yakshagana style.
6	Conference on Literature and the Making of the Vernacular Nation held on 12 Nov 2016 conducted by the Centre for Cultural Studies	The conference brought together some of the foremost scholars working on modern Indian literature. The many scholars assembled discussed issues such as the question of genre, of differential time lines of evolution, of different types of political pressure, of differentiated groupings within the larger umbrella of India languages, of different affective registers of questions of sexuality, subjectivity and minority-consciousness.

Details of guest visit (lectures, collaboration, visitors on campus):
Guest lectures:

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
1	Prof Akeel Bilgrami	Columbia University, New York, USA	Department of Philosophy	Talk and an Interactive Session on Is there an Indian idea of secularism?	4 Jan 2016
2	Prof Carol Rovane	Columbia University, New York, USA	Department of Philosophy	Talk and an Interactive Session on Forward/Looking Collective Responsibility	6 Jan 2016
3	Prof Gopalan Balachandran	Graduate Institute of International and Development Studies, Geneva, Switzerland	International History and Politics	Talk and an Interactive Session on Commerce and Culture in the Indian Ocean: Historical and Contemporary Perspectives	11 Jan 2016
4	Dr Vamsee Juluri	University of San Francisco	Media Studies and Asian Studies	Public talk on Does the Indian speak in the age of global media orientalism?	14 Jan 2016
5	Dr Lawrence Cohen	University of California		Public lecture Title: On Human Bioavailability: Reflections on Organ Transplantation, Surrogacy, Marriage, and Labour in an Age of Primitive Accumulation and Media Outrage	7 Jan 2016
6	Dr Sonia Sikka	University of Ottawa	Department of Philosophy	Public talk on Rescuing Religion from Faith	4 Feb 2016
7	Maithili Rao		Author of <i>Smita Patil: A Brief Incandescence</i>	Book Reading and Discussion	4 Mar 2016
8	Prof Madhava Prasad	The English and Foreign Languages University, Hyderabad		Pratibimb-MCPH Film Appreciation Workshop	5-6 Mar 2016
9	Maithili Rao		Author and film critic	Pratibimb-MCPH Film Appreciation Workshop	
10	Prof S V Srinivas	Azim Premji University, Bengaluru		Pratibimb/MCPH Film Appreciation Workshop	
11	Prof Shilpa Ranade	Indian Institute of Technology, Bombay		Pratibimb-MCPH Film Appreciation Workshop	
12	Ian M Cook	Central European University, Budapest	Department of Sociology and Social Anthropology	A talk and an Interactive Session on How do poor "low-caste" migrant street vendors become an acknowledged and expected part of everyday urban life?	4 Apr 2016
13	Srimathi Pavana B Achar	Kalaspandana, A school of visual and performing arts		Tonus Finalis: The last in a series of musical lecture-demonstrations A glimpse of carnatic music	8 Apr 2016
14	Prof Stephen Phillips	University of Texas, Austin	Philosophy and Asian studies	A talk on Self and Personal Identity: According to the Upanishads, Bhagavad Gītā, Nyāya, Buddhism and Cārvāka	12 Apr 2016

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
15	Gopal Guru	Jawaharlal Nehru University		Injustice and The Self in Dalit Writing	13-14 Aug 2016
16	Dr Sundar Sarukkai	Manipal University		Injustice and The Self in Dalit Writing	13-14 Aug 2016
17	Siddalingaiah		Eminent Kannada poet, public intellectual, and author of A Word With You, World	Injustice and The Self in Dalit Writing	13-14 Aug 2016
18	Bama		Renowned award-winning Tamil author of Karukku	Injustice and The Self in Dalit Writing	13-14 Aug 2016
19	Satish Chandar	AP College of Journalism		Injustice and The Self in Dalit Writing	13-14 Aug 2016
20	Ajay Navaria	Jamia Millia Islamia, New Delhi		Injustice and The Self in Dalit Writing	13-14 Aug 2016
21	Satyanarayana K	English and Foreign Languages University, Hyderabad	Editor of several influential anthologies of Dalit writing	Injustice and The Self in Dalit Writing	13-14 Aug 2016
22	Dr Deepak Sharma	Case Western Reserve University	Department of Religious Studies	Inaugural lecture on Athato "Hinduism" Jijnasa	11 Aug 2016
23	Dr Ravinder Kaur	Indian Institute of Technology, Delhi	Social and Social Anthropology in the Department of Humanities and Social Science	Inaugural lecture on Why Have More Women's Studies' Centres Today?	26 Aug 2016
24	Prof Gary Tubb	University of Chicago Centre, Delhi		A Seminar format reading session and text reading session on Abhinavaguphta's Rasa Theory and Its Place in Sanskrit Traditions	27 Aug 2016
25	Michael Soluber	South Asian Studies at Western Washington University, USA		Lecture on Garuda Sastra at the Boundaries: Religion, Medicine, Tradition, Modernity	29 Aug 2016
26	Dr Nishad Patnaik	JNU		Public lecture on Science and the Promise of Objective Knowledge: Husserl's Intersubjective Renewal	6 Aug 2016
27	Dhivya Janarathanan,	University of London, UK		Talk and an Interactive Session on the human and the non-human in the "Age of Bronze": Caste conflict and statue desecration in south India	13 Oct 2016
28	Titiksha Shukla,	Department of International Development, School of Global Studies, University of Sussex, UK		Talk and an Interactive Session on (Re) thinking Dalit subalternity in the time of change	17 Oct 2016

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
29	Vasudha Dalmia	University of California, Berkeley	South Asian Studies at the Department of South and Southeast Asian Studies	Literature and the Making of a Vernacular Nation	12 Nov 2016
30	Udaya Kumar	Jawaharlal Nehru University	Centre of English Studies	Literature and the Making of a Vernacular Nation	12 Nov 2016
31	Rimili Bhattacharya	University of Delhi		Literature and the Making of a Vernacular Nation	12 Nov 2016
33	Simona Sawheny	Indian Institute of Technology, Delhi	Department of Humanities and Social Science	Literature and the Making of a Vernacular Nation	12 Nov 2016
34	Kiran Keshavamurthy		Cultural Studies and the Centre for Studies in Social Science, Calcutta	Literature and the Making of a Vernacular Nation	12 Nov 2016

Details of Publications:

National		International	
Indexed	Non-Indexed	Indexed	Non-indexed
1	--	1	--

Conferences attended by Institution faculty and students:

	National	International
Faculty	8	7

Details of Conferences/Workshops conducted by the Institution (in Numbers):

Particulars	National	International
CME/CDE	--	--
Conferences	1	--
Workshops	3	--
Seminars	15 (Talks)	--
Film Screening	1	--

Books/chapters authored by faculty members:

Sl no	Name of the Book	Chapter/s name	Faculty members	Publisher
1	Exploring Alterity in a Globalized World	In-between Places: The Natural Zoo as a Cultural Place	Dr Meera Baindur	Routledge
2	The Elsewhere of Transcendence	Displacing the domestic	Dr Meera Baindur	Ashgate (Routledge)
3	Samyukta: Journal of Gender	What does Sanskrit Aesthetics offer the Contemporary Novel?	Dr Nirmalya Guha	Samyukta Publications
4	The Untitled		Dr Gayathri Prabhu	Harper Collins

Details of research grants:

Sl no	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (in Rupees)
1	National Symposium on Dalit History and Writing	Dr Gayathri Prabhu	Manipal University, Intramural Fund	2 lacs
2	Discussions on Making a Vernacular Nation	Dr Nikhil Govind	Manipal University, Intramural Fund	2 lacs

Sl no	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (in Rupees)
3	Technology and the crafting of Gender Identities in India	Dr Meera Baidur and Dr Anindita Majumdar	Manipal University, Intramural Fund	2 lacs
4	National workshop on Rasa Theory	Dr Mrinal Kaul	Manipal University, Intramural Fund	1 lac
5	International workshop on Tantra Studies	Dr Mrinal Kaul		2 lacs

Extra/curricular activities:
Sports activities:
In Institution:

Sl no	Event	Details	Date
1	Sports day	Badminton tournament for MCPH students	12 Mar 2016
2	Scrabble tournament	Scrabble tournament for MCPH students	14 Oct 2016
3	Literature Quiz	For students of MCPH	18 Mar 2016

Cultural activities:
In Institution:

Sl no	Event	Details	Date
1	Lawn Mushaira	Poetry reading once a month	Once a month
2	DITONIC: A series of musical lecture-demonstrations	A glossary of western classical music presenter: David Martin accompaniment: Ann Correa	6 Feb 2016
3	Deshbhasha	Is a Forum to share, enjoy and celebrate literature written in languages other than English.	5 Feb 2016 Once in 6 months
4	Book Reading and discussion	This remarkable biography traces the story of the actor Smita Patil from childhood to critical acclaim to her controversial marriage and premature death. Maithili Rao, the author of the book, is one of India's most respected film journalists. The book discussion included screenings of brief excerpts from Smita Patil movies.	04 Mar 2016
5	Akshayambara	A play to bring awareness on gender issues based on yakshagana style.	17 Sep 2016
6	Deshbhasha	Is a forum to share, enjoy and celebrate literature written in languages other than English.	9 Sep 2016 Once in 6 months
7	The Untitled – by Dr Gayathri Prabhu	Book launch and discussion	16 Sep 2016
8	Rashtriya Ekta Diwas	On Rashtriya Ekta Diwas, MCPH organized a literary reading to celebrate the diverse and rich literatures of India on the 2 November 2016.	2 Nov 2016
9	The Tile Factory	Film Screening	3 Mar 2016
10	Footlight	An evening of theater, Dramatic readings and performance.	5 Nov 2016
11	Watering Hole	Wildlife Photography Exhibition	4 Nov 2016
12	Annual day		22 Apr 2016
13	Film Club		Every Wednesday



Nov 2016: Manipal Centre for Philosophy and Humanities hosted the “Literature and the Making of a Vernacular Nation” - a conference on modern Indian literature. Vasudha Dalmia (University of California at Berkeley), Udaya Kumar (Jawaharlal Nehru University), Rimli Bhattacharya (University of Delhi), Simona Sawhney (IIT Delhi), Kiran Keshavamurthy (CSSS, Calcutta) made up the panel of speakers for the day.



The “Injustice and Self in Dalit Writing” conference witnessed the participation of eminent writers and scholars from the field of Dalit literature at the Manipal Centre for Philosophy and Humanities. The panel of speakers included, Gopal Guru (Jawaharlal Nehru University) and Sundar Sarukkai (Former Director, MCPH), Siddalingaiah (Kannada poet and author), Bama (Tamil author), Sathish Chandra (Journalist and author) and Ajay Navaria (Jamia Milia Islamia, New Delhi).



The inaugural of the new Religious Studies Centre at MCPH saw well known scholars like Dr Gary Tubb (Sanskrit Scholar) and Dr Micahel Slouber (Western Washington University)



The inaugural of The Centre for Women Studies at MCPH, welcome address by Dr Nikhil Govind. Dr Meera Baidur coordinator CWS in conversation with Dr Ravinder Kaur.



Lawn Mushaira, poetry reading by MCPH community.

MANIPAL CENTRE FOR NATURAL SCIENCES

Dr TMA Pai Planetarium Building, Manipal University Manipal-576104

Phone Number: 0820 2923571

Email-Office: Office.mcns@manipal.edu Director's Email: director.mcns@manipal.edu



Name of Director: Dr Mohini Gupta

Established: 2012

Programs:

- PhD
- Masters Project

About institution:

The Manipal Centre for Natural Sciences (MCNS) was started in 2011 under the Manipal Research Group (MARG). The primary aim was to nurture fundamental research in the Natural Sciences and grow into a hub of excellence within Manipal University. In 2012, the fledgling MCNS came into its own as a Centre of Excellence under Manipal University, mentored by the Vice Chancellor. It

is one of the first dedicated "all-research" centres started within a university.

From its inception, a unique and vibrant academic program has been initiated and integrated with existing research at partner institutions in India and abroad. Building on its core strength in physics, MCNS has been expanding to other disciplines as part of an ambitious mandate.

Institutional activities/curricular activities:

New initiatives:

Sl no	Activity	Particulars
1	General Radiation Awareness and Safety Program (GRASP)	A certificate course mandatory for all MCNS staff and researchers was conducted on 26 Feb 2016.
2	Theoretical Neutrino Physics and Computational Cosmology	Expertise in theoretical Neutrino Physics and Computational Cosmology was added to the theory Group during the year.

Other activities in the department relating to the program/course:

Sl no	Activity	Particulars
1	MCNS Retreat 2016	First retreat of MCNS was conducted on Saturday_5 Mar 2016.
2	PG lab	Unique experimental facilities to train students at the Masters' level in innovative Natural Sciences.

Activities at the Dr TMA Pai Planetarium, Manipal:

Dr TMA Pai Planetarium	<ul style="list-style-type: none"> • The old Apple Macintosh computer used to screen the shows was retired and replaced by a new one presently in use. • The Dr TMA Pai Planetarium auditorium at Manipal Centre for Natural Sciences is renovated and in use. • The Planetarium made available 300 copies of the MUP books entitled "Comets - Nomads of the Solar System" (sale price Rs 290 per book) and 300 copies of the second edition of "A Birders handbook to Manipal" (sale price Rs 450 per book) for sale in Feb and Mar 2016, respectively.
Dr TMA Pai birth anniversary was celebrated on 30 Apr 2016 at 10.30 am.	

Dr TMA Pai Planetarium	Postdoctoral Research Fellows and faculty members conducted a sky-watching event on the 5 Feb 2016. The event marked the occasion of the rare alignment of five planets (Jupiter, Mars, Saturn, Venus and Mercury) and the Moon. The sky-watch started early in the morning at 5.00 and ended at dawn. About 50 participants attended.
	National Science Day 2016: Five special shows of "Dawn of Space Age" were conducted on 28 Feb 2016 for the students of Manipal academy schools to mark the National Science Day and 261 students participated.
	Celebrated "Azadi 70 – Yaad Karo Kurbanii" (Freedom Fortnight) during 9–23 Aug 2016. It was not just a function held to comply with the official directive, but also an emotional event wherein the members celebrated our freedom, paid homage to the freedom-fighters and martyrs and exchanged views in strengthening our great country in Arts, Science, Technology, Culture, Economics and others spheres of activity. The program included expression of thoughts by individuals through brief talks and poems.
	Student participants of INSPIRE 2016 (Organized by MU), visited Dr TMA Pai Planetarium during the last week of May 2016; 206 members participated. All three batches were received at the front lawns by Dr Sreejith and Dr Athiray, and were given a short introduction about the research activities at MCNS and Planetarium. After walking through the lobby and watching different models, they were shown the "Dawn of the space age." Later, Dr Sreejith and Dr Athiray interacted with the students and answered the questions. The students were also inspired to take up small term research projects in science subjects at the school level itself.
	From 1 Jan to 27 Feb 2016 and 20 Nov to 15 Dec 2016, two extra shows bringing the total to six, were added on rush days, all Saturdays and as required on Sundays. Also from 15 Dec 2016 to 31 Jan 2017 two more shows were added daily on the rush basis.

Details of guest visit (lectures, collaboration, visitors on campus):
Guest lectures:

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
1	Dr Shyama Narendranath	ISRO Satellite Centre Bengaluru	Space Astronomy Group	Lecture	14 Jun 2016
2	Dr D K Pandey	University of Rajasthan, Jaipur 302004, India	Department of Geology	Lecture	23 Jul 2016
3	Dr Krishnamohan Parattu	Inter-University Centre for Astronomy and Astrophysics (IUCAA) Pune		Lecture	27 Jul 2016
4	Dr Sunil C	Bhabha Atomic Research Centre Mumbai		Lecture	27 Sep 2016
5	Dr P R Vasudeva Rao	DAE/IGCAR, Kalpakkam		Lecture	16 Dec 2016

Details of Publications:

National		International	
Indexed	Non-indexed	Indexed	Non-indexed
3	--	20	--

Conferences attended by institution faculty and students:

	National	International
Faculty Members	12	5
Students	2	1

Details of conferences/workshops conducted by the institution:

Particulars	National	International
Summer Research Internship Program (annual)	1	--

Details of research grants:

Sl no	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (in Rs)
1	Development of indigenous monte carlo code for estimation of neutron multiplication factor for complex systems containing fissile materials	Dr K V Subbaiah	Board of Research in Nuclear Sciences (BRNS), Mumbai	31,35,400
2	Travel grant for attending Goldschmidt -2016 conference held from 29 Jun 2016 to 1 Jul 2016 in Yokohama, Japan	Dr Gurumurthy G P	SERB-DST, Government of India	61,044
3	Measurement of thermal capture cross sections and resonance integrals for selected isotopes of range $30 < Z < 60$ by activation method, using Am-Be neutron source	Dr P Priyada	Department of Science and Technology (Young Scientist Scheme)	18,30,004

Faculty and postdoctoral research fellows:

Sl no	Name	Details	Date
1	Dr P Subramania Athiray	The K D Abhyankar Best Thesis Presentation for the year 2016 has been awarded to Dr P S Athiray - Post Doctoral Research Fellow, Manipal Centre for Natural Sciences (MCNS), Manipal University, Manipal, during the 34th Annual Meeting of the Astronomical Society of India, held at Kashmir University, Srinagar, from 10-13 May 2016.	10-13 May 2016

Extra-curricular activities:

Sports activities:

Inter institution:

Sl no	Event	Participants	Details	Date
1	Volleyball	Veena Kumari and Dr Prathima Acharya	Winner	31 Jan 2016
2	200 m Running	B Venkatesh Naik	2 Place	10 Apr 2016
3	800 m Running	B Venkatesh Naik	2 Place	10 Apr 2016
4	High Jump	B Venkatesh Naik	2 Place	10 Apr 2016

Photo archive of important events:



MCNS Retreat 2016



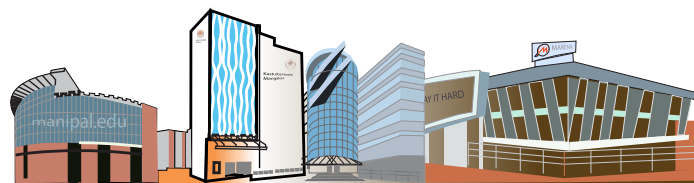
MCNS participation at Utsav 2016



Summer research internship program – 2016

XIII

Offshore Campus



MELAKA-MANIPAL MEDICAL COLLEGE

Jalan Batu Hampar, Bukit Baru, 75150, Melaka, Malaysia

Phone Number: +606 2896662

Email-Office: info@manipal.edu.my



Melaka-Manipal Medical College - Melaka Campus, Malaysia

Name of Director: Prof Datuk Dr Abdul Razzak Bin Mohd Said

Pro Vice Chancellor (Manipal University) and Chief Executive (Melaka-Manipal Medical College)

Name of Dean: Prof Dr Jaspal Singh Sahota (Faculty of Medicine)

Prof Dr Abdul Rashid bin Haji Ismail (Faculty of Dentistry)

Established: 1997

Programs:

- Bachelor of Medicine and Bachelor of Surgery (MBBS)
- Bachelor of Dental Surgery (BDS)
- Foundation in Science (FIS)

About institution:

Melaka-Manipal Medical College (MMMC) was established in 1997 in a joint venture with Manipal University, India, an icon of education that is well known for the last six decades. MMMC was set up through the vision of Datuk Dr Ramdas Pai, Chancellor of Manipal University and the instrumental efforts of the late Datuk K Pathmanaban, former Deputy Minister of Health, Malaysia. We are guided by our vision to be a “World class educational centre in a multicultural environment.” MMMC is a premier medical

school in Malaysia and has been recognised for its high quality medical education when it was awarded a Six-Star by the Ministry of Education in its MyQuest rating of private institutions in the last two assessments till 2015. MMMC was also acclaimed as a Superbrand in Medical Education in The BrandLaureate–SMEs Best Brands Awards 2011-2012. MMMC offers three outstanding programs; Bachelor of Medicine and Bachelor of Surgery (MBBS), Bachelor of Dental Surgery (BDS) and Foundation in Science (FIS).

Institutional activities/curricular activities :**All other activities in the department relating to the program/course:**

Sl no	Activity	Particulars
1	Meetings with respective Preceptors (Specialists, Medical Officers, Nurses from the Ministry of Health, Malaysia)	Conducted twice a year – 12 May 2016 and 23 Nov 2016
2	Assisted and facilitated workshops for Ministry of Health Malaysia (Pharmacy Department) of Hospital Melaka and Hospital Muar	1) Research Methodology and Proposal Development Workshop Pharmacists Muar. Date of Conference: 17 and 18 Jan 2016 2) Workshop on Effective Research Presentation Pharmacy 2016. Date of Workshop: 29 Jun 2016 3) Workshop on Statistics for Research. Date of Conference: 17 and 18 Jul 2016 4) Scientific Writing, Poster and Oral Presentation Workshop. Date of Conference: 7 and 8 Sep 2016 5) Validation of Questionnaire Workshop. Date of Conference: 8 and 9 Nov 2016
3	Career Progression Talk	Deputy Dean, a faculty member of Medicine conducted a talk on career progression for Foundation in Science students on 11 May 2016.
4	HIV Awareness Talk	Special Talk by MMMC Alumni on 12 Apr 2016
5	Outreach Medical Service by Department of Ophthalmology	Medical Camp organized by MMMC and MMA on 19 Nov 2016. Two faculty members participated along with final year medical students of MMMC at Kampung Orang Asli, Melaka. Thirty-two patients were examined for various eye conditions. Some were prescribed medicines and others were provided with medical advice.
6	Fellowship in Oral Implantology	The program is specifically designed for dental practitioners who are well motivated to undergo a structured implant training program but are unable to undertake a full-time post graduate study. The program is delivered in the form of oral presentations, interactive discussions, practical and clinical hands-on training sessions in state-of-the-art clinical and laboratory settings.
7	CBCT Course	This tailor-made course in 3D imaging for post graduates and specialists in dentistry program is aiming at training them to understand the basics of CBCT and have a hands-on experience which can help them to face any future imaging demands.

Details of guest visit:**Guest lectures:**

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
1	Prof Dato' Dr Wan Mohamad Wan Bebakar	Universiti Sains Malaysia (USM)		MQA monitoring visit on ex-AUCMS credit transfer students	27 Apr 2016
2	Datuk Sapawi bin Haji Amat Wasali Ahmad		Yayasan Sabah, Malaysia	To discuss on sponsorship of Yayasan Sabah students into MMMC's academic programs	27 May 2016
3	Dr Judson C Epperly		Kaplan Medical	Live Seminar and workshop on Step 2 CS, organized by Department of PG Studies	5 May 2016

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
4	Dr Mahender Vyasabattu		Osler Academy, Hyderabad	CME Guest Lecture - "Road to MRCP; The World's Best Qualification for Physicians"	23 May 2016
5	Dr Ruben Kumar Maniam		Hospital Melaka, Malaysia	CME Guest Lecture "Road to AMC"	5 Apr 2016
6	Prof Dr K Ramnarayan	Manipal University, India		Workshop on student "Learning: How teachers make it happen"	24-25 May 2016
7	Prof Brian O'Dwyer	Embry-Riddle Aeronautical University Asia, Singapore		Conducted team based learning workshop	1 Dec 2016
8	Dr Eubulus Timothy		Durban, South Africa	Guest speaker for CPD	28 Mar 2016
9	Dr Rafael Beolchi		Ultradent, Brazil	Guest speaker for CPD	27 Jun 2016
10	Dr Henry Tien		FKG, Hong Kong	Guest speaker for CPD	4 Nov 2016
11	Prof Dr Seow Liang Lin	International Medical University, Malaysia		Guest speaker for CPD	28 Nov 2016

Details of publications:

National		International	
Indexed	Non-Indexed	Indexed	Non-indexed
--	--	36	7

Conferences attended by institution faculty and students:

	National	International
Faculty	49	37
Students	17	--

Details of conferences/workshops conducted by the institution:

Particulars	National	International
CME/CDE	6	--
Conferences	--	1
Workshops	10	1

Books/chapters authored by faculty members:

Sl no	Name of the Book	Chapter/s name	Faculty members	Publisher
1	Fundamentals of Oral Radiology – app	X-ray film processing	Prof Dr Sumanth K N	iTunes
2	Text book of Pedodontics, third Edition	Lesions of Oral Mucosa in children and Case history and Diagnosis	Prof Dr Sumanth K N	Paras Publications
3	Text book of Pedodontics, third Edition	Paediatrics Prosthodontics	Associate Prof Dr Prashanti E	Paras Publications

Awards/recognitions:
Institution:

Sl no	Name	Details	Date
1	MBBS Accreditation for the maximum period of five years	Malaysian Qualification Agency (MQA), Malaysia	1 Jan 2016

Faculty members:

Sl no	Name	Details	Date
1	Prof Dr Mohamed Najimudeen	Chaired a session at the international conference on family planning held in Bali, Indonesia Reviewer of the British Journal of Medicine and Medical Research	26 Jan 2016 5 Nov 2016
2	Associate Prof Dr Prashanti E	Second prize for oral presentation – three minutes Research pitching IADR, Malaysian section conference held in UKM, Kuala Lumpur. First Prize for oral presentation Manipal Research Colloquium 2016, Manipal.	5 Feb 2016 4 Apr 2016
3	Associate Prof Dr Vijendra	Diplomate in Oral Implantology – ICOI Singapore.	28 Oct 2016

Students:

Sl no	Name	Details	Date
1	Mr Lim Boon Chye Gabriel	Best Presenter in Oral Presentation, National Level Student Scientific Conference, USIM Malaysia	13 May 2016
2	Ms Chia Pei Gek	Best Presenter in Oral Presentation, National Level Student Scientific Conference, USIM Malaysia	13 May 2016
3	Mr Yong Heng Lim	Best Poster Presentation National Level Student Scientific Conference, USIM Malaysia	13 May 2016
4	Ms Geraldine Lim Wan Ping	Best Poster Presentation National Level Student Scientific Conference, USIM Malaysia	13 May 2016

Staff:

Sl no	Name	Details	Date
1	Prof Dr Jaspal Singh Sahota	MaGEX Annual Award	23 Jun 2016
2	Mr Md Suhaimi Bin Md Salleh	MaGEX Annual Award	23 Jun 2016

Extra-curricular activities:**Sports activities:****In Institution:**

Sl no	Event	Details	Date
1	Manipal Run for Life	Organized by Student Council 15/16	6 Aug 2016
2	Interbatch Sports 2016	Organized by Student Council 16/17	19 Oct-7 Dec 2016

Inter Institution:

Sl no	Event	Details	Date
1	National Dental Intersivity Sports Carnival	Organized by USM, Pulau Pinang	2–3 Apr 2016
2	USM 10s Rugby Tournament	Organized by USM, Pulau Pinang	30 Apr-1 May 2016
3	Kabaddi Tournament	Organized by Indian Cultural Society, Multimedia University Melaka Campus	17 Sep 2016
4	Medical Intersivity Games (MIVG)	Organized by Asian Medical Students Association (AMSA)	10–11 Dec 2016

Outside University:

Sl no	Event	Details	Date
1	Annual Manipal Alumni Association Malaysia Games	Organized by MAAM in University Malaya	9 Apr 2016
2	Sukan IPT Melaka Rugby Tournament	Organized by Department of Education Melaka and Polytechnic Merlimau, Melaka	20 Aug 2016
3	Manipal Alumni Association Malaysia Games	Organized by Manipal Alumni Association (MAAM)	1–2 Oct 2016

Cultural activities:

In institution:

Sl no	Event	Details	Date
1	Bollywood and Western Dance classes	Organized by Student Council 15/16	4 May 2016
2	Interbatch Culturals 2016	Organized by Student Council 16/17	7–16 Nov 2016

Inter institution:

Sl no	Event	Details	Date
1	UCRN READY 5678, Intervarsity Dance Competition	Organized by UTP	12 Nov 2016

Other activities:

Sl no	Event	Details	Date
1	Health Screening in Old Folk Home	Organized by Student Council 15/16 in Rumah Seri Kenangan, Cheng, Melaka	5 Jan 2016
2	Christmas Charity Visit	Organized by Student Council 15/16 to All Mighty Old Folks Home, Klebang, Melaka	16 Jan 2016
3	Recycling Campaign	Organized by Student Council 15/16	11–31 Mar 2016
4	Post-Graduation Fair	Organized by Student Council 15/16	9 Apr 2016
5	HIV Awareness Workshop	Organized by Miss Malaysian Indian Care Global in collaboration with Manipal Alumni Association Malaysia and Student Council	12 Apr 2016
6	Volunteering at Pertiwi Soup Kitchen	Organized by Pertiwi Soup Kitchen, Kuala Lumpur	17 Jun 2016
7	MMMC Lagenda Night	Organized by Student Council 15/16	15 Jul 2016
8	Team Building and Leadership Camp for Student Council	Organized by Student Council 16/17	24–25 Sep 2016
9	Blood Donation Drive both in Melaka and Muar Campus	Organized by Student Council 16/17	11 Oct 2016
10	Deepavali Charity Visit	Organized by Student Council 16/17 at Villa Harapan, Duyong, Melaka	22 Oct 2016
11	Pretty in Pink (Breast Cancer Awareness)	Organized by Student Council 16/17 in collaboration with the National Cancer Society (Melaka) Malaysia (NCSM)	22 Nov 2016
12	Annual Night 2016 "Namaste Manipal"	Organized by Student Council 16/17 at The Equatorial Hotel, Melaka	8 Dec 2016
13	Medical Screening and Dental Screening	Organized by Student Council 16/17 at Balai Raya Tebong, Melaka	19 Dec 2016

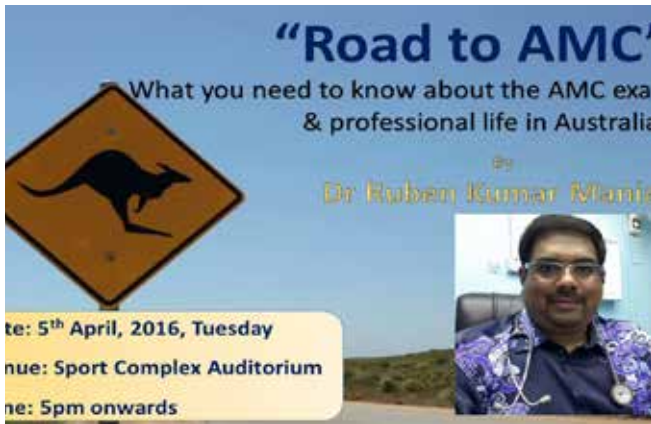
Photo archive of important events



MMMC Pongal Celebration held on 14 Jan 2016



MMMC Info Day held on 30 Jan 2016



CME Guest Lecture "Road to AMC" held on 5 Apr 2016



Graduation Day on 29 May 2016



Manipal Run for Life event held on 6 Aug 2016



Inter-batch Cultural Night held on 7 Nov 2016



Legend Night, "Namaste Manipal" held on 8 Dec 2016

MANIPAL UNIVERSITY - DUBAI CAMPUS

P O Box 345050, G04, Dubai International Academic City, Dubai, UAE

Tel: +971 4 429 0777 Fax: +971 4 369 4541



Established: Sep 2003

Academic President: Dr S V Kota Reddy

Programs:

I) Foundation Program

II) Certificate Courses

- Interior Design
- Graphics and Multimedia

III) Bachelor Degree Programs (3 years)

- Bachelor of Business Administration
- Bachelor of Business Administration (Hospitality and Tourism)
- Bachelor of Business Administration (Family Business Management)
- Bachelor of Commerce (Professional)
- Bachelor of Science in Biotechnology
- Bachelor of Science in Information Systems and Management
- Bachelor of Arts in Media and Communication
- Bachelor of Science in Applied Science
- Bachelor of Science in Food and Nutrition Science
- Bachelor of Science in Forensic Science

IV) Engineering Programs (4 years)

- Bachelor of Technology in Mechatronics Engineering
- Bachelor of Technology in Civil Engineering
- Bachelor of Technology in Mechanical Engineering
- Bachelor of Technology in Electronics and Communication Engineering
- Bachelor of Technology in Computer Science and Engineering
- Bachelor of Technology in Chemical Engineering
- Bachelor of Technology in Electrical and Electronics Engineering

V) Bachelor of Design (Interior Design) (4 years)

VI) Bachelor of Architecture (BArch) (5 years)

VII) Master degree programs (2 years)

- Master of Business Administration
- Master of Business Administration (Global Business)
- Master of Science in Information Sciences
- Master of Science in Medical Biotechnology
- Master of Science in Molecular Biology and Human Genetics
- Master of Arts in Media and Communication
- Master of Arts in Interior Design
- Master of Technology in Manufacturing Engineering and Technology
- Master of Technology in Digital Electronics and Advanced Communication
- Master of Technology in Construction Engineering and Management
- Master of Commerce (Professional)
- Master of Commerce (Logistics and Supply Chain)

VIII) PG Diploma programs

- Post Graduate Diploma in Cellular and Molecular Diagnostics
- Post Graduate Diploma in Logistics and Supply Chain
- Post Graduate Diploma in Corporate Communication

IX) Doctorate programs

- PhD in Biotechnology

About institution:

With just a handful of students, Manipal University, Dubai - a branch campus of Manipal University, India started in the year 2000. Later on, as its name began to flood the academic arena far and wide, Manipal University, Dubai soon moved to Dubai Knowledge Village in 2003 and within a short span of 3 years, shifted to the Dubai International Academic City. Being a multi-disciplinary university and attracting students from all over the globe, Manipal University, Dubai, in the year 2011, soon moved into a brilliant iconic building, situated in its own sprawling state of the art campus spread over a built up area of 7,50,000 sq ft. Adorned with excellent class rooms,

University events:**Orientation program:**

Manipal University, Dubai Campus, welcomed their freshmen batch of 2016-17 to their campus during an aureate freshmen orientation event held on 27-28 Aug 2016. Both the programs met with unprecedented success as a huge audience of 1,650 students, parents and special invitees attended them. Dr Narayana Sabhahit, Registrar of Manipal University, Dr G K Prabhu, Director of MIT, Manipal, attended the freshmen orientation program. The freshmen were addressed by Dr Narayana Sabhahit, Dr Raveendranath Nayak, Director - School of Business, Manipal, Dr G K Prabhu, Mr Ravi Panchanadan, CEO - Manipal Education (Middle East and Africa) and CEO - MeritTrac and Dr S V Kota Reddy, Academic President of Manipal University, Dubai Campus. This was followed by

IT facilities, regions best studios, 1,00,000 sq ft of lab infrastructure, library cum reading hall area exceeding 6,000 sq ft, modern indoor-outdoor sports complex and a vibrant cafeteria, it has become the proud home to nearly 2100 students from over 40 nations across the globe. The university has attained the reputation of offering various programs in Bachelors, Masters, PhD, Certificate and Foundation Programs across seven different disciplines. It possesses highly experienced faculty members, a strong alumni network and excellent interaction with the industry experts and takes pride in collaborating with many universities across the globe.

release of the yearbook – m@d chronicles. The orientation program witnessed the launch of EduNXT, the revolutionary Learning Management System (LMS) that provides exemplary learning experience to the students, suitably aided by cutting edge technology. EduNXT, the award winning Unified Learning Solutions Framework serves as the backbone for the entire student lifecycle, facilitating collaborative learning, a high level of engagement and overall, a great academic experience. The ceremony gave the freshmen a brief idea of the university, its rules, regulations and examination system and ended with a session of queries wherein all doubts and queries of parents and students were answered by a panel of members headed by the Academic President himself.



Dr Narayana Sabhahit, Registrar of Manipal University addresses the freshmen

Graduation ceremony:

The tenth Annual Convocation of Manipal University, Dubai Campus was held on 15 Oct 2016 at the Atlantis Ballroom in The Atlantis, Palm in Dubai. It had a cast of more than 1,700 graduates and guests and more than 1,000 viewers watching the live stream of the graduation ceremony. The Consul General of India to Dubai, HE Mr Anurag Bhushan graced the occasion and also delivered his message to the students. Dr H Vinod Bhat, Vice Chancellor of Manipal University also attended the graduation ceremony and led the Academic Procession. Dr V Surendra Shetty, Pro Vice Chancellor, Manipal University, Mangalore Campus, Dr Narayana Sabhahit, Registrar, Manipal University and Mr Ravi Panchanadan, Director and CEO, Manipal Education (Middle East and Africa) and CEO – MeritTrac Services Pvt Ltd, also graced the occasion. Dr Ranjan Pai, MD and CEO – MEMG, his beautiful and accomplished wife Mrs Shruti Pai, Director – MEMG and Mr Vaitheeswaran S, MD and CEO, Manipal Global Education, attended the convocation and gave away the degrees to the graduating

students. Mr Mohammad Abdullah, Managing Director, DKP and DIAC shared his views with the students and gave away three awards to the highest-ranking students, both at the graduate and undergraduate levels. 501 graduate and undergraduate students of Manipal University, Dubai Campus were conferred degrees by the Vice Chancellor of Manipal University. Mrs Shruti Pai and Dr Ranjan Pai honoured 20 students for their academic excellence and 8 students for their outstanding contribution to their respective schools. The 100 percent higher education scholarship scheme for eligible girl students in the UAE, which was launched by Manipal University, Dubai Campus in 2015 in collaboration with the Embassy of India, Abu Dhabi, was awarded to Ms Shibna Sheena Iqbal at the tenth Annual Convocation. She was awarded admission to the Bachelor of Arts in Interior Design Degree Program. The scholarship scheme aims to support meritorious girl students facing financial constraints and wishing to seek admission in undergraduate degree programs at MUDC.



(Left to right in the front) Dr S V Kota Reddy, Academic President - Manipal University, Dubai Campus, Dr V Surendra Shetty, Pro Vice Chancellor – Manipal University, Mangalore Campus, Mr Mohammad Abdullah, Managing Director – DKP and DIAC, Dr H Vinod Bhat, Vice Chancellor – Manipal University, HE Mr Anurag Bhushan, the Consul General of India to Dubai, Mr Ravi Panchanadan, CEO – Manipal Education (Middle East and Africa) and CEO – MeritTrac, Dr Narayana Sabhahit, Registrar – Manipal University



Mrs Shruti Pai, Director – MEMG, presenting the Excellence Award

New initiatives:

Sl no	Activity	Particulars
1	Establishment of the AICHE	American Institute of Chemical Engineers (AIChE) Students' Chapter; It was inaugurated on 4 Oct 2016 at Manipal University Dubai Campus by chief guest Dr Srinivasa Kannan, Professor, Petroleum Institute, Abu Dhabi and addressed the audience.
2	Establishment of the MUD-ASME student section	American Society of Mechanical Engineers (ASME); Prof Dr Tariq Shamim, Professor Mechanical Engineering and ASME Fellow Member, Masdar Institute of Science and Technology, Masdar Institute, Abu Dhabi inaugurated it on 28 Sep 2016.
3	Establishment of the MUD-IMechE Student Chapter	The new student chapter Institution of Mechanical Engineers was launched on 27 Nov 2016 in the presence of IMechE International Business Development Manager, Mr Tom Owen – UAE Representative.
4	Establishment of ICE Chapter	Institute of Civil Engineers student chapter for Civil Engineering was inaugurated on the 27 Oct 2016.
5	Establishment of ARM Embedded and DSP LAB Sponsored by ARM UK	SOEIT signed an Agreement with ARM University Program. This Agreement enables SOEIT to set up the world class Embedded System Lab, Signal Processing Lab for doing active research projects, hands on experience with latest processors in our campus through ARM Embedded Lab in Box (LiB) and DSP LiB donations.
6	Establishment of International Student centre	International Student centre is an initiative for international students of SOEIT where the programs and services are designed to help international students succeed academically in a multi-national university environment.
7	Establishing new Labs for Chemical Engineering	Established Momentum Transfer and Heat Transfer lab in chemical engineering.
8	BSc Food and Nutrition Science	New 3 year undergraduate program launched in Jul 2017
9	BSc Forensic Science	New 3 year undergraduate program launched in Jul 2017
10	AVID Academic Learning Partner (ALP)	Manipal University Dubai is the only active ALP with AVID in the UAE, as of Dec 2016. The University has been listed in the AVID website.

All other activities in the department relating to the program/course:

Sl no	Activity	Particulars
School of Business		
1	Tie up with CIM, UK	The School of Business officially signed up collaboration with Chartered Institute of Marketing, UK, for Diploma in Professional Marketing for students Specialising in BBA Marketing. Ian Marshall, Head of International Relations, CIM, UK addressed the students about the opportunities and modalities of CIM.
2	Global Youth Forum	45 BBA students attended the Global Youth Forum organized by the CSR Al Ahli Division in Dec 2016.
3	Visit of the students from the University of Cincinnati to Manipal University, Dubai	School of Business hosted a delegation of 22 students led by two faculty members from University of Cincinnati, for Cultural and Educational Immersion Program.
4	LSPR, Jakarta Delegation to MUD	A delegation headed by Ms Prita Kamal Gandhi, Founder and Director, LSPR visited the School of Business (SOB) for collaboration opportunities in Oct 2016.
5	International Study Tours	Two groups of SOB students visited Malaysia (Apr 2016) and Georgia (Dec 2016) as a part of the International Study Tour Initiative undertaken by the School of Business.
6	Arabic Cultural Club	The SOB has taken initiative to launch Arabic Cultural Club on 24 Nov 2016 to get acquainted with cultural heritage of the middle-east. UAE National Day was celebrated under this banner.

Sl no	Activity	Particulars
School of Design and Architecture		
7	Manipal Symposium of Design (MISD 2016)	The MISD was organized on 3–4 May 2016. The Keynote speakers were Hazelle Page, Collections Manager, Sharjah Museums Department, UAE and Dr Ulrike Al-Khamis, Senior Strategic Planning Advisor, Sharjah Museums Department and Co-Director, Sharjah Museum of Islamic Civilisations. Panel discussions on Research by Master's students and presentations by students on academic projects were held. There were workshops by MAS Paints, ANID, Artistic Engineering Models, WLP.
8	Study Tour to Berlin, Germany	A Study Tour to Berlin, Bremen and Germany with 55 students and 6 faculty members. The Group visited Hochschule Bremen University, The Museum Island, The Jewish Museum, The Brandenburg Gate, Reichstag and Holocaust Memorial.
School of Engineering and Information Technology		
9	Workshop on Introduction to MATLAB for Chemical Engineers	School of Engineering and IT organized a one-day workshop on 6 Apr 2016. Dr Simi Santhosh, Professor, IIT Madras and a member of American Institute of Chemical Engineers chaired the event.
10	Students Research Colloquium – Advances in Engineering and Information Technology (AEIT-2016)	Dr Fatma Taher Professor, Khalifa University Abu Dhabi, inaugurated the Student Research Colloquium on 19 May 2016.
11	Workshops on Robotics	School of Engineering and IT in association with Innovians Technology, India organized a two-day workshop on "Robotics" in Mar 2016 and was delivered by Mr Prateek Gupta, CEO – Innovation Technologies.
12	Workshop on IEEE Referencing	On 8 Sep 2016, Manipal University IEEE student branch organized a half-day workshop and hands on training session on IEEE referencing.
13	Workshop On LABVIEW	ECE Students attended a workshop on LABVIEW Software organized by Ms Christelle, Application Engineer, from National Instruments on 16 Nov 2016.
14	Technovanza 2016	Mr Ghassan Afiouni scientist and CEO, Steel Wood Industries Dubai, UAE inaugurated Technovanza, an annual technical event held on 24–25 Apr 2016. More than 3,000 students from various schools and universities participated and gained more technical information through this event.
15	IEEE Day – Seventh anniversary	Manipal university IEEE student branch celebrated the IEEE Day on 4 Oct 2016. Experts like Dr Manar Abu Talib, Co-Founder of Open UAE, VP Chapters of Arab WIC, University of Sharjah and various industries and local universities shared their knowledge on "Open Source".
16	Vision 2050 – Presentation using Infographics	A competition for the third and fourth year civil students was held to showcase the future concepts that might be used in the field of Civil Engineering in the year 2050. This was organized by ASCE Student Chapter of MUD on 3 Nov 2016
17	INTERSOLAR 2016	Students of fourth year Mechanical Engineering attended the Intersolar Middle East leading exhibition of solar energy products and technologies in the Middle East at Dubai World Trade Centre on 21 Sep 2016.
18	Conference visit – Big5 and Middle East Concrete, Dubai	A field trip was organized for the second and fourth year Civil students of Manipal University Dubai to the BIG5 Construction Exhibition and Middle East Concrete conference at the Dubai World Trade Centre on 21–22 Nov 2016.
19	Visit to Herriot Watt University, Dubai	The faculty members and students of School of Engineering and IT attended a talk hosted and organized by Herriot Watt University Dubai on 27 Oct 2016.
20	Workshop on Electronics Made Easy – Do It Yourself	Faculty members of Electronics and Communication Engineering organized a technical workshop for students of grade 11 and 12 of Dubai, UAE on 12 Dec 2016.

Sl no	Activity	Particulars
21	IEEE Xtreme 2016	SOEIT successfully hosted IEEE Xtreme global challenge 24 hours programming contest on campus on 24 Oct 2016.
22	Civil Engineering Technical Day – Perspective 2016	Organized on 18 May 2016 which consisted of SSS; Hands-on workshop on Structural Gymnastics, seminar on Entrepreneurship in Civil Engineering, Durability and Chemical Attacks on Concrete and 21st Century Construction etc.
23	Workshop on Database Design and Implementation using ORACLE	The workshop was conducted by SOEIT on 3 Oct 2016 for grade 11 and 12 school students.
24	Workshop on Building Robots	The workshop was conducted by SOEIT on 12 Jul 2016 for grade 11 and 12 school students to work on Arduino.
25	Manipal Executive Education course	Certificate course in “SCADA programming” for mechatronics engineering students was organized from 9 Nov–1 Dec 2016.
26	Visit to Intel Ignition Lab, Silicon Oasis	Third year ECE students visited the Intel Ignition Lab on 3 Nov 2016 for “Internet of Things and the different products of Intel”.
27	Visit to CISCO Corporate Office	The first year students of BSc Information Systems and Management visited the CISCO Corporate Office, Dubai, on 6 Oct 2016 for Networking Infrastructures and Conferencing Facility to support the learning of CISCO Networking Academy.
28	Visit to Jebel Ali Sewage Treatment Plant	Students of Chemical Engineering visited the Jebel Ali Sewage Treatment Plant – Dubai Municipality on 7 Apr 2016. The plant is one of the largest in the world.
29	Visit to Dubai Precast LLC	Students of third year Civil Engineering went for an Industrial visit to Dubai Precast LLC, Jebel Ali Dubai on the 12 Oct 2016.
30	Visit to Emirates Transformers and Switchgears	Students of first semester BTech ECE and EEE had an opportunity to visit Emirates Transformers and Switchgears on 14 Nov 2016 for students to understand the working of Transformers and Switchgears.
31	Visit to Ashok Leyland, Ras Al Khaimah	On 15 May 2016, students went on an industrial trip to Ashok Leyland.
32	Visit to Thuraya Telecommunication	First and Second Year Electronics and Communication students visited Thuraya Telecommunication, Dubai, on 17 Feb 2016.
33	Visit to 3M Innovation Centre, Dubai	Students of Chemical Engineering visited the Centre (Igniting the Spark of Ignition) Dubai on 19 Oct 2016.
34	Visit to Masdar City, Abu Dhabi	Students of ASME members of Mechanical Engineering visited Masdar City in Abu Dhabi on 19 Oct 2016.
35	Visit to Phoenix Contact, DIAC, Dubai	Students of Electronics and Communication Engineering visited Phoenix Contact on 13 Oct 2016.
36	Visit to Aala Metal Products Factory LLC	The third semester mechanical engineering students visited the factory in Ras Al khaimah on 20 Oct 2016.
37	Visit to 3M Innovation Centre	School of Engineering and IT organized a field trip for students from Computer Science, Electronics and Communication, Mechanical, Mechatronics, and Civil Engineering to 3M Innovation Centre, Dubai, on 21 Feb 2016.
38	Visit to Barakat Quality Plus LLC	First year students of Chemical Engineering visited the Barakat Quality Plus LLC on 21 Apr 2016.
39	Visit to WETEX – 2016	Visit to WETEX was very informative and enlightening for students. It served as an opportunity to learn about the latest advancements in the engineering field.
School of Life Sciences (SOLS)		
40	Inauguration of American Society of Microbiology – International Student Chapter	SOLS, Manipal University, Dubai inaugurated its American Society for Microbiology (ASM) International Student Chapter, the first International Student chapter within the entire gulf region. Dr Vinod Bhatt, Vice Chancellor – Manipal University, India inaugurated it on 11 Jan 2016.
41	Nobel events exhibition tour	Students of BSc second year and MSc first year visited the Nobel Events Exhibition on 2 Mar 2016 in Dubai Creek Park.

Sl no	Activity	Particulars
42	Visit to Himalaya Global R and D centre	SOLS arranged an industrial visit to Himalaya Global R and D at Dubai Science Park, for the students of the Master program of Medical Biotechnology and Molecular Biology and Human Genetics on 22 Mar 2016.
43	20th Blood Donation Drive	The School of Life Sciences in collaboration with Latifa Hospital, Dubai organizes the twentieth Blood Donation Drive on 5–6 Apr 2016.
44	“Current Trends in Biotechnology – 2016” (CTBT 2016)	School of Life sciences, Manipal University Dubai successfully organized the second international conference on 2–3 May 2016.
45	Sixth Brain O’Bee Championship	The School of Life Sciences, organized the inter school neuroscience quiz competition, for students of grades 9–12 on 23 May 2016.
46	Visit to WETEX – 2016 at Dubai Convention Centre – Dubai	Final year students of BSc Biotechnology, currently studying the course Sustainability science, visited Water, Energy, Technology and Environment Exhibition – WETEX 2016 on 4 Oct 2016.
47	Visit to MASDAR Institute, Abu Dhabi	Final year students of BSc and MSc visited MASDAR Institute of Science and Technology on 29 Nov 2017.
48	Manipal Young Innovators 2016	Manipal Young Innovators 2016 was jointly organized by School of Life Sciences and School of Engineering and IT on 16 Nov 2016. Total of 160 students (from Grades 11 and 12) across various schools of UAE exhibited their scientific talents. The team Gulf Indian High School, Dubai won the first prize under Life Science category.
School of Media and Communication		
50	Study Tour to Ramoji Film City	Students of School of Media and Communication visited Ramoji Film City, Hyderabad and undertook an intensive weeklong workshop on “Digital Filmmaking” with Ramoji Academy of Film and Television (RAFT) from 29 Jan–5 Feb 2016.
51	MCRAW 2017	The Second Annual International Conference organized under the aegis of the Media and Communication Research and Analysis Wing (MCRAW). The theme of the conference was “Media and Cultural Resistance: Beyond Gender Stereotyping”.

Details of guest visit:
Guest lectures:

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
School of Business					
1	Dr Kavita Tiwari	-	Birla Institute of Technology, Offshore Campus, RAK, UAE.	Guest Lecture for BBA (VI) Students	7 Mar 2016
2	Dr William Jones	-	Swiss Business School, UAE Campus	Guest Lecture for BBA (II) Students	14 Mar 2016
3	Omar Sheriff	-	Greeky Lizards	Guest Lecture for BBA students	20 Mar 2016
4	Dr Geeta Kukunuru	-	-	Guest Lecture for BCom Students	6 Oct 2016
5	Ally Arossi Bakkoli, Senior Business Strategist and Consultant	-	AJSM Investment	Guest Lecture for BCom, BBA and MBA Students	7 Nov 2016
6	Dr Tariq Qandeel	The University of Modern Sciences, Dubai, UAE	-	Guest Lecture for BBA (V) Students	22 Nov 2016

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
School of Design and Architecture					
7	Dr Carmen Mendoza Arroyo	Universitat Internacional de Catalunya, Barcelona, Spain	School of Architecture	Urban Design Studio	27 Aug 2016 – 08 Sept 2016
8	Mr Baharash Bagherian (Award winning Architect)	-	Baharash Architecture, London, UK	Lecture	5 Dec 2016
9	Mr Jagdeep Desai, Senior Academician	Mumbai University	-	Review of Design Dissertation	5–8 Dec 2016
School of Engineering and Information Technology					
10	Prof S V Satyanarayana PhD (IITK) Chemical Engineering	Director, R and D, Jawaharlal Nehru Technological University Ananthapur, Ananthapuramu	Jawaharlal Nehru Technological University Ananthapur	Interaction with Chemical Engineering students on Lab Processing	3 Mar 2016
11	Dr Gajanan M Sabnis, Emeritus Professor, Howard University, US	Howard University, US	Howard University, US	Guest lecture	13 Mar 2016
12	Ms Sameera Abdulrahman Almulla	Research Graduate Associate	Khalifa University, Sharjah	Guest Lecture	28 Mar 2016
13	Mr Anoop Sreekumar	Specification Manager	Vetrotech Saint Gobain.	Guest Lecture	17 May 2016
14	Dr C S Kannan, Professor	Department of Chemical Engineering, The Petroleum Institute, Abu Dhabi	The Petroleum Institute	Seminar	4 Oct 2016
15	Ms Marwa Zaghow	Regional Manager	DELL EMC	Guest Lecture	20 Oct 2016
16	Mr Tamim Youssef	Application manager of J K Cement,	J K Cement	Guest lecture	25 Oct 2016
17	Chandana N Dalugoda, CEng, MIE, MCIBSE, MASHRAE, GCGI, MConsE (SL)	ASHRAE	-	Seminar	26 Oct 2016
18	Dr Theo Theodoridis	Lecturer in Robotics and Embedded system	University of Salford, UK	Guest Lecture	16 Nov 2016
19	Mr Amit Bhingurde, COO-Robotics of TAL Manufacturing solutions (TATA ENTERPRISE)	TAL Manufacturing solutions (TATA ENTERPRISE)	TATA Enterprise	A talk	24 Nov 2016
School of Life Sciences					
20	Dr Laurent Rieux	-	Antec Inc, Fremont, California, USA	Guest Lecture	18 Feb 2016
21	Ms Judy Sebastian	-	Apex Food Safety Consultancy, Dubai	Career Counselling	21 Feb 2016
22	Dr Mohammad Naveed	-	H H Sheikh Sultan Bin Khalifa Al Nahyan Humanitarian and Scientific Foundation, Abu Dhabi	Guest Lecture	3 Mar 2016

Sl no	Visitor	Name of the University	Institution	Purpose of visit	Date of visit
23	Mr R Raghu	-	Schrodinger Inc India	Tech talk	8 Mar 2016
24	Dr A M Deshmukh	-	Microbiologist Society of India.	Guest Lecture	8 May 2016
25	Dr John Hayball and Dr Krasimir Vasilev	University of South Australia	-	Guest Lecture	3 Oct 2016
26	Dr Simona Maciotta	-	Alliance Global Group, Dubai	Career Talk	26 Oct 2016
School of Media and Communication					
27	Andrew O Connor	Napier University, Edinburgh	-	Workshop	20–28 Nov 2016
28	Azam Ahmed	-	The New York Times	Journalism as a Career	2 Nov 2016

Details of publications:

National		International	
Indexed	Non-Indexed	Indexed	Non-indexed
2	0	30	10

Conferences attended by institution faculty members and students:

	National	International
Faculty Members	3	23
Students	7	7

Details of conferences/workshops conducted by the institution:

Particulars	National	International
Conferences	0	3
Workshops	12	18
Seminars	12	2

Books/chapters authored by faculty members:

Sl no	Name of the Book	Chapter/s name	Faculty members	Publisher
1	Basic Electrical Engineering	Book	Dr Ravishankar Dudhe	Synergy Knowledgeware
2	Adsorptive removal of fluoride and nitrate using laterite soil	https://www.noor-publishing.com	Prof Faisal Akram	Noor Publishing

Details of research grants:

Sl no	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)
1	Conservation Management Plan for Al Mahatta Museum	Prof Ashok Iyer, Chairperson, School of Design and Architecture, Ms Kairmein Deboo, Senior Urban Designer, Arcadis	Sharjah Museums Department, Government of Sharjah	1,80,000
2	Software and Hardware for Setting up ARM Processor Lab	Mr Ganesan S	ARM Semiconductors UK	54,00,000
3	Remote Triggered Architecture for Robotics and Solar Experiments	Mr Royson S, Dr Ramaprasad P, Mr Anil Sequeira	Manipal University Research Fund	3,06,000
4	"Analysis of Simultaneous Use of Phytochemicals and Chemotherapeutic Drugs to Enhance Therapeutic Outcome in Human Cancer Cells"	Dr Arif Hussain (PI)	Manipal University Dubai-Internal Grant	2,52,000

Sl no	Project Name	Principal Investigator	Funding Agencies	Total Grants Received (INR)
5	Human Genetics	Dr Naushad Rais (Co-PI)	Dubai Equine Hospital, Dubai	11,70,000*
6	Cancer Epigenetics	Dr Arif Hussain (Co-PI)	Zayed University, Dubai	6,30,000*
7	Gene Sequencer- SOLS Laboratory Facility	-	Dubaiomics	135,00,000**
8	Shifting Patterns of News Consumption in the UAE due to School Media	Prof Sabir Haque	Research and Development Program, Manipal University, Dubai	1,82,208.01

* Worth of Lab consumables have been transferred to SOLS to conduct research on human genetics

** Gene Sequencer ABI 310 Sequencing System and Millipore Elix 5 Water Purification System in the form of donation

Awards/Recognitions:

Institution:

Sl no	Name	Details	Date
1	Dr Sunitha Prabhuram, School of Business	Best Faculty Member - Runner up award on Teacher's Day celebration at Manipal University	5 Sep 2016
2	Dr Raghavendra	Best Teacher award at MUD	5 Sep 2016
3	Manipal University was awarded the "Rolling Trophy"	Microsoft office Specialist Championship 2016	18 Jun 2016

Faculty members:

Sl no	Name	Details	Date
1	Dr S V Kota Reddy	MaGEX 2016 Award for Best Academic Administration for 2015-16	23 Jun 2016
2	Dr S V Kota Reddy	Award for outstanding contribution at the Middle East Education Leadership Awards hosted by Asian Confederation of Businesses	5 Oct 2016
3	Taramol K G	Best Paper Presentation Award in an International Conference. Title of the Paper: A study on psycho-social problems of adolescent girls in Kerala	13-14 May 2016
4	Taramol K G	Called for Keynote Speaker, International Conference on Social Science, Literature, Economic and Education, Dubai	13-14 May 2016
5	Taramol K G	Invited as Guest Speaker in the Economic Association Inauguration, on "Be an Opportunity Maker" organized by Sree Sankara College, Kalady, Kerala.	8 Aug 2016
6	Dr Ganga Bhavani	Honoured to chair a session in international conference on the future of global accounting and financial Reporting	10 Dec 2016
7	Dr Shaji Panicker	Exhibition of Watercolour paintings at the India House, Indian Embassy, Abu Dhabi	17-19 Jun 2016
8	Prof Ashok Iyer	Certificate of Annual Excellence from MaGEX (Manipal Global); for Academics - Annual, Manipal University - Dubai 2015-16	23 Jun 2016
9	Prof Ashok Iyer	Best Professor in Design and Architecture awarded by The Middle East Education Leadership Awards	5 Oct 2016
10	Mr Murtaza Aliasgar and Ms Tasneem Shikari	Dubai Municipality, Best out of Waste Award	24 Nov 2016
11	Prof Ashok Iyer Kairmein Deboo	Certificate of Appreciation from Sharjah Museums Department, Government of Sharjah, UAE, for Architectural Documentation of Al Mahatta Museum,	15 Dec 2016
12	Prof Sachidananda	Best Poster Presentation at Manipal Colloquium – 2016 at Manipal	6 Apr 2016
13	Prof Jawid	Expert level Instructor Excellence Award 2015 by CISCO for UAE region	17 Apr 2016

Sl no	Name	Details	Date
14	Prof Anil Antony	"Young Innovators Award" in the third World Recycling Congress for his research work "Experimental investigation of waste PET in Natural Sand Brinks"	Dec 2016
15	Hussaina Banu, Senior Lecturer – SOLS	Awarded PhD in Biomedical Science from Bharathidasan University, India	14 Oct 2016

Students:

Sl no	Name	Details	Date
1	Abdul Ghani Ansari	Marina Star Winner for Marina Project Remake Competition	29 Sep 2016
2	Shibly Abubaker	Selected for one-month Internship at National Pavilion UAE, La Biennale Di Venezia Venice, Italy for a period of a month	1 Oct 2016
3	Yuan Periera, Zainab Tarmal Nihan Junaid	Dubai Municipality, Best out of Waste Award	24 Nov 2016
4	Sahla Palath, Adil Aly and Amina Afra	First Prize at the "Design the Void" student competition organized by Herriot Watt University, Dubai.	24 Nov 2016
5	Mrmalini Rithika	Design Week Competition, Canadian University, Dubai	26 Nov 2016
6	Safa Saleem Mazzin Razack	Winners of the Light Middle East Award organized by Light function	15 Dec 2016
7	Ramiz Umar Sattar	RTA Best Student Project Award for Sustainable Transport (DAST) under the guidance of Mr Ganesan S	16 Feb 2016
8	Students team from the Civil Engineering program	Winners in Wooden Bridge Competition held at American University of Dubai; <ul style="list-style-type: none"> • First prize in Target Load Capacity Category • Third prize in Bridge Load Efficiency category 	19 Mar 2016
9	Students from BTech CSE and BSc ISM	CISCO NetRiders competition was held in May 2016 where students from BTech, CSE and BSc ISM secured Second Rank (Qualified for World Wide NetRider CCENT Competition) and Fourth Rank (Winner in IT Essentials) in the entire TMENA Region. Manipal Dubai CISCO Networking Academy has won this event for the third consecutive year.	May 2016
10	Aishwarya Kumar	First Place in Microsoft Office Specialist Word category	27 Jun 2016
11	Ms Shaida Siddique Final year Mechanical Engineering	Best paper award in International Conference on Latest Trends in Engineering and Technology ICLTET 2016 held in Abu Dhabi.	13-14 Oct 2016
12	Students team from the Civil Engineering program	Winners in Civil Engineering Day competition organized by American Society of Civil Engineers (ASCE) at American University of Sharjah (AUS). <ul style="list-style-type: none"> • First prize in Tower Crane Competition. • First prize in Rocket Launch Competition. • Second prize in Concrete Cube Crushing Competition. 	19 Nov 2016
13	Teams of Students from BTech Chemical Engineering; Pragathi Gopinath, Varun Vinod, Nidhya Rajagopal,	Second position at Inter-Collegiate Chem-E Debate competition held at BITS-Dubai Campus	27-29 Nov 2016
14	Varun Vinod Menon	Best Debator Award at Chem-E Debate competition held at BITS – Dubai Campus	29 Nov 2016

Sl no	Name	Details	Date
15	Noorunnisa Ashar Rabeeha Abbas and Fakhra Habeeb	Winners of Microbiology Quiz Competition organized by the International student's chapter under the egis of American Society of Microbiology	3 May 2016
16	Abdul Qader Obriwala and Sarah Sajid Ali	Won second Prize in the Natural and Health Sciences – Biology category in the fourth UAE Undergraduate Student Research Competition (UGSRC) at Abu Dhabi under the mentorship of Dr Zeeshan Ansari	9 May 2016
17	Allan Johnathan David	Winner, First Place – Best Film in Sennheiser AVX video contest in conjunction with CABSAT.	10 Mar 2016
18	Viraj Asher	Winner – Young Journalist Award, Dubai International Film Festival	14 Dec 2016

Extra-curricular activities:**Sports activities:****In institution:**

Sl no	Event	Details	Date
1	Intra-Sports	Basketball (M)	Spurs - Winner
			Untouchables - Runners up
2	Intra-Sports	Basketball (W)	Warriors - Winner
			Eagles - Runners up
3	Intra-Sports	Football (M)	Matitis United - Winner
			Untouchables - Runners up
4	Intra-Sports	Football (W)	Red Phoenix - Winner
			Six Sigma - Runners up
5	Intra-Sports	Cricket (M)	Bladers - Winner
			Rising Stars - Runners up
6	Intra-Sports	Volleyball (M)	Bladers - Winner
			Untouchables - Runners up
7	Intra-Sports	Badminton (M)	Griffith Jose - Winner
			Afthab - Runners up
8	Intra-Sports	Badminton (W)	Akshata Prabu - Winner
			Christina Paul - Runners up
9	Intra-Sports	Table Tennis (M)	Chirag – Winner
			Shazil - Runners up
10	Intra-Sports	Table Tennis (W)	Sabha Mistry - Winner
			Simran Noronha - Runners up
11	Intra-Sports	Chess (M)	Antony - Winner
			Vignesh - Runners up
12	Intra-Sports	Football (M)	MUD Team - Winner
			Dreamkillers - Runners up

Inter Institution:

Sl no	Event	Details	Date
1	Gulf Medical University Sports Fest 2016	Cricket (M) – Winner	5–10 Mar 2016
		Basketball (W) – Runners Up	5–10 Mar 2016
		Badminton (M) – Runners Up	5–10 Mar 2016
		Badminton (W) – Winner	5–10 Mar 2016
2	Herriot Watt Sports Fest 2016	Volleyball (M) – Runners Up	12–16 Mar 2016
		Table Tennis (M) – Runners Up	12–16 Mar 2016
		Table Tennis (W) – Runners Up	12–16 Mar 2016

Sl no	Event	Details	Date
3	American University Sharjah Sports Fest 2016	Badminton (M) – Second Runners Up	20–21 Mar 2016
4	BITS Sports Fest 2016	Overall Runners Up Swimming	13–17 Nov 2016
		Swimming (W) – 25 m Freestyle – Runners Up	13–17 Nov 2016
		Swimming (W) – 50 m Freestyle – Winner	13–17 Nov 2016
		Swimming (W) – 25 m backstroke – Runners Up	13–17 Nov 2016
		Swimming (W) – 25 m butterfly – Winner	13–17 Nov 2016
		Swimming (W) – 25 m medley – Winner	13–17 Nov 2016
		Swimming (M) – 25 m medley – Second Runners Up	13–17 Nov 2016
		Cricket (W) – Runner Up	13–17 Nov 2016
		Throw ball (W) – Runners Up	13–17 Nov 2016
5	Manipal Sports Fest Fifth Edition	Overall Winner	20–24 Nov 2016
		Tennis (M) – Winner	20–24 Nov 2016
		Basketball (M) – Runners Up	20–24 Nov 2016
		Basketball (W) – Runners Up	20–24 Nov 2016
		Cricket (W) – Runners Up	20–24 Nov 2016
		Volleyball (M) – Runners Up	20–24 Nov 2016
		Badminton (M) – Runners Up	20–24 Nov 2016
		Badminton (W) – Runners Up	20–24 Nov 2016
		Chess (M) – Runners Up	20–24 Nov 2016
		Chess (W) – Runners Up	20–24 Nov 2016
		Table Tennis (M) – Runners Up	20–24 Nov 2016
		Football (W) – Runners Up	20–24 Nov 2016
		Throw ball (W) – Runners Up	20–24 Nov 2016
6	University of Wollongong Sports Fest 2016	Volleyball (M) – Runners Up	4–08 Dec 2016

Outside university:

Sl no	Event	Details	Date
1	University Premier League 2016	Cricket (M) – Runners Up	22-31 Oct 2016
2	Max Talent Pride Cup 2016	Cricket (M) – Runners Up	26 Oct–7 Nov 2016
3	DIAC Sports Cup 2016	Overall Runners Up	30 Oct–5 Nov 2016
		Badminton (W) – Runners Up	30 Oct–5 Nov 2016
		Table Tennis (W) – Second Runners Up	30 Oct–5 Nov 2016
		Cricket (M) – Second Runners Up	30 Oct–5 Nov 2016
		Cricket (W) – Second Runners Up	30 Oct–5 Nov 2016
		Beach Volleyball (M) – Winner	30 Oct–5 Nov 2016
		Beach Volleyball (W) – Second Runners Up	30 Oct–5 Nov 2016
		Football (W) – Second Runners Up	30 Oct–5 Nov 2016
		Throw ball (W) – Runners Up	30 Oct–5 Nov 2016
		Basketball (W) – Second Runners Up	30 Oct–5 Nov 2016
		Chess (M) – Second Runners Up	30 Oct–05 Nov 2016
		Chess (W) - Winner	30 Oct–5 Nov 2016

Cultural activities:**In institution:**

Sl no	Event	Details	Date
1	Healthcare	1) Health camp organized in collaboration with Apple Clinic offered free services on GP consultation, dental consultation, BP, Blood sugar, BMI check-up, advice on life style and hygiene	8 Mar 2016
		2) Health education Campaign organized by Care Direct – distribution of Nivea and Pantene products.	3 Apr 2016
		3) National Measles Campaign – more than 800 students were given vaccination	19–22 Nov 2016
2	Motivational Talk	My life – I am important – talk held by Ms Robin Chaurasia, who was nominated for best Teacher award by GEMS	15 Mar 2016
3	Ethnic Day	Students and faculty wore ethnic dress to inculcate the feeling of peace and universal brotherhood	27 Apr 2016 and 17 Nov 2016
4	Seminar on Drug Awareness	Held by Anti-Narcotics Department – Dubai Police	13 May 2016
5	Eco Welcome and Club Enrolment Day	All the creative clubs showcased talents of their club members	14 Sep 2016
6	Debate for Student Council President	Much awaited debate on President ship of Student council	1 Nov 2016
7	Elections for Student Council	989 students voted for Student Council through a secret ballot	3 Nov 2016
8	Confluence 2016	Interschool cultural event - A total number of 297 students participated from all the 5 schools.	17 Nov 2016
9	UAE National Day	Martyr's Day and UAE National Day celebrations with Arabic songs, dances, flag formation, car decoration competition etc	6 Dec 2016
10	Workshop on Road Safety	Speed Kills – Obey Road Rules – Workshop on Road Safety by Dubai Police and RTA	31 Mar 2016
11	UAE Plantation Awareness Week	The Environment club conducted tree plantation drive. Five Fruit Trees planted	9 Mar 2016
12	No plastic Day	Twice a month, a plastic free day is observed. Plastic products that are used regularly are taken away or replaced	On-going Project
13	Alumni Meet	15 Alumni from the school of Business (Batch of 2006) and 28 Alumni from SoEIT (batch of 2012) attended the dinner meet.	14 Dec 2016

Inter institution:

Sl no	Event	Details	Date
1	"Poetic Heart – Connecting Humanity" Poetry Writing Competition organized by SGI Gulf in partnership with DIAC	Ms Joanna Justin won the first prize	11 Jan 2016
2	Week of Welcome, organized by DIAC	1) Solo singing – First Prize – Shruthi	15-17 Feb 2016
		2) Third Prize – Swapnesh Panicker	
		3) Group Dance – Second Prize – Dev and Crew	
		4) Solo Dance – Second Prize – Dev Chelot	
		5) Fashion show – Second Prize	
		6) Duet Singing – Swapnesh and Akshata	
		7) War of Ds – First Prize – Gautam L.	
3	Ignite – Battle of bands	Best Pianist – Geno James	2 Mar 2016
4	Vaudeville organized by IMT	1) Best Dancer – Ms Indhu	2–3 Mar 2016
		2) Solo singing – Runners up – Swapnesh P.	
		3) Drama – runners up – Daania and Team	
		4) Fashion Show – Runners Up – Arpita and Team	
		5) Overall Runners Up – Team MUDC	

Sl no	Event	Details	Date
5	Debate Competition organized by BITS Pilani University- Expressions	Third Prize – Karunya Manoharan and Suha Sabith	12 Mar 2016
6	Crossfire Debate, organized by Skyline University	Best Speaker – Monica Manoj First Runners Up – For team Manipal	16 Mar 2016
7	Utsav organized by Manipal University India	1) Classical Dance – Second – Abhirami Prem 2) Eastern Group Singing – Second – • Swapnesh Panicker • Chetna V • Akshata Rao • Leanne • Abhirami Prem • Karan Kumar • Vishal Mohanan	4–8 Apr 2016
8	FED EX Driving Skills Challenge	Bony Babu won the First Prize	5 Apr 2016
9	Jashn organized by BITS Pilani	1) Debate – First Prize – Joanna Justin Nidhish Madhyastha 2) Duet Singing – 1 Prize Mr Altaf Sulaiman and Ms Revathy Rajesh 3) Dramatics – Third Prize Ms Dania 4) Dance – Second Prize – Dev Chelot	22 Apr 2016
10	Carnival organized by Manipal University Dubai Campus	1) Quiz – Second Prize – Akash, Fuzail, Nidhish Third prize – Shahul and Team 2) Debate – Third Prize – Aayush and Safwan 3) Photography – First Prize Abhinav 4) Solo singing – Second prize – Nicole 5) Group Singing Western –First - Leanne and Team 6) Group Singing – First Prize - Swapnesh and group 7) Battle of bands – First Prize Team MUDC 8) Solo Dance eastern - First Prize - Dev Chelot 9) Solo Dance western – First Prize – Karan 10) Drama – Second Prize – Dana and Group 11) Group dance – Second Prize – Dev and group 12) Art – First Prize – Karunya 13) Fashion show – Third prize – Arpita and group 14) War of DJs – First Prize – Gautam L	27–28 Apr 2016
11	Sustainable Campus Initiative	“Best Sustainability Action Project 2016”, organized by the Sustainable Campus Initiative (SCI) by Environmental Agency - Abu Dhabi, supported by the Ministry of Higher Education and Scientific Research, UAE.	20 Nov 2016
12	Enginuity – Tech fest	Photography – Third Prize – Akash Axi	25 Nov 2016

Outside university:

Sl no	Event	Details	Date
1	Green Youth Majlis	Two students, Mr Mahdi and Ms Monica attended the international conference titled “Education as a Driver for Sustainable Development Goals” organized by Centre for Environment Education (CEE), in partnership with UNESCO, UNEP and the Government of India. They were sponsored by GYM.	10–14 Jan 2016
2	Participation in Walkathons	1) Walk for Education, organized by Dubai Cares 2) Beat Diabetes Walk organized by Landmark Group	4 Mar 2016 18 Nov 2016
3	Dine and Deed Event	MUDC partners with Special Needs Friends for various events throughout the year. MUDC sponsored a fund-raising program organized by SNF.	6 May 2016

Photo archive of important events:



Dr Sunitha Receives the Best Faculty Member - Runner up award



The School of Design and Architecture in collaboration with International Apparel and Textile Fair hosted the Interschool Interweave Art Competition, 14–15 Nov 2016 at Dubai World Trade Centre



American Institute of Chemical Engineers (AIChE) inauguration ceremony



Georgia study tour



RTA Best Student Project Award



Students Group in session with Dr Carmen Arroyo Mendoza, Assistant Director, UIC, Barcelona, September 2016



Second prize in fourth UAE Undergraduate Student Research Competition



Manipal University dignitaries and the Student body with the Vice Chancellor during the ASM-Intl Student chapter inauguration ceremony



Students and Faculty members of SoMC with Padma Vibhushan Ramoji Rao at Ramoji Film City



Overall Champion (Manipal Students) at Manipal Sports Fest Fifth Edition



Manipal University Dubai Campus Team - Sustainability Action Project

XIV

Library Resources



SEARCH – THE KMC HEALTH SCIENCES LIBRARY

Manipal University, Manipal, Phone Number: 0820 2922358

E-mail: lib.kmc@manipal.edu



Senior librarian: Dr Shivananda Bhat K

Manipal University has an excellent Health Sciences Library, perhaps the best among all Health Sciences Libraries in India. The state of the art library stretching over 1.5 lac square feet, on five levels is a domain for information seekers; be it students, faculty members or researchers. It has the capacity to accommodate 1300 students at a time. Besides the comfortable seating and reading environment, the library is well equipped with modern facilities such as e-learning, access to Internet and web resources, including online journals and e-books. Library provides a growing range of databases on the campus network. Access to e-resources subscribed by the library has also been provided for off-campus users. All the library services have been automated on modern line. The library has fully computerised its collection, which could be accessible through OPAC. The library is enabled with Wi-Fi technology

and security systems with Closed Circuit Television System (CCTV). There is a separate audio-visual room, computer lab, group study area and private study area in the library. The library has all the facilities for the students to learn. The Health Sciences Library is committed to provide a world-class information support to its users.

The main thrust of the library continues to be the improvement of the quality of services and facilities, achieving higher degree of users' satisfaction and modernisation of its activities and operations. Health Science Library offers a package of high quality user focused services to support the research, teaching and learning endeavours of faculty members and students. It aims to provide easy access to the right information in a service-rich environment to all its users. The library during the year 2016 has made significant progress in several areas.

Library resources:

The total collection of library resources as on 31 Dec 2016 stands as follows:

Collection	Added (During the year 2016)	Total (As on 31 Dec 2016)
Books	1872	63063
E-Books	2078	11152
Journals	-	488
Online journals	1022	5860
Back volumes of journals	2353	38630
CDs	61	851
WHO publications	10	2080
Dissertations	413	7617

Library e-resources:

The Library provides access to a wide variety of e-resources including electronic books (e-books), electronic journals (e-journals), online databases and educational websites. All library e-resources can be accessed on campus network. The library subscribes to the following e-resources/online databases

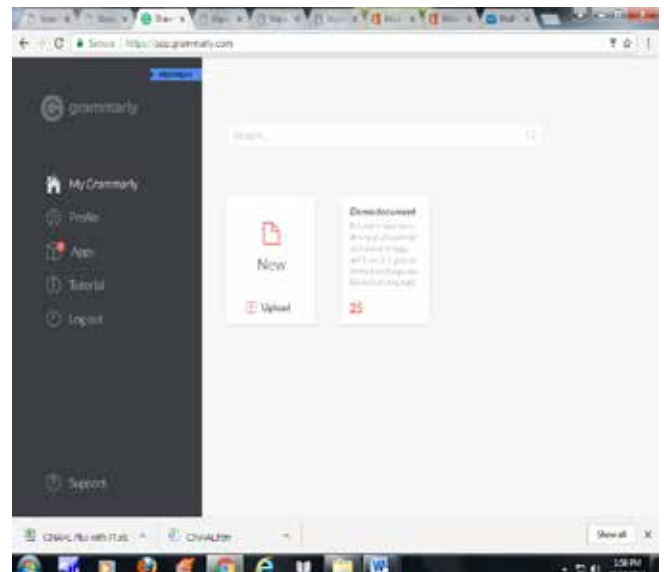
- Access Medicine
- BMJ Best Practice
- BMJ Case Reports
- CINAHL Plus with Full Text
- J-Gate
- Journal Citation Reports (JCR)
- OvidSP
- ProQuest Health and Medical Complete
- SciFinder
- Scopus
- SciVal
- SpringerLink
- Up-To-Date – Clinical Information Resource
- Web of Science
- Wiley Online
- Online journal of various publishers (BMJ Online, Cambridge University Press, Karger Online, Nature Publishing, Oxford University Press, Quintessence, Sage Online, Taylor and Francis, Theime Connect, etc.)
- E-Books of various publishers

New database added:**ClinicalKey:**

ClinicalKey is a clinical reference solution that supports clinical education and clinical decisions by making it easier to access and apply relevant knowledge. ClinicalKey provides unparalleled access to concise, trusted answers, as well as deep evidence-based content for more complex issues. Covering over 30 medical and surgical specialties, ClinicalKey is able to provide the answers to students and faculty members need with its quality, rich content. It provides access to 674 journals and 1142 books.

Research support tool – Grammarly:

Grammarly is the world's leading automated proofreader. It checks for more than 250 types of spelling, grammar and punctuation errors, enhances vocabulary usage and suggests citations.



Grammarly is an online grammar and spelling checker that improves communication by helping users find and correct writing mistakes. It is easy to use.

- Copy and paste any English text into Grammarly's online text editor or install Grammarly's free browser extension for Chrome and Safari.
- Grammarly's algorithms flag potential issues in the text and suggest context-specific corrections for grammar, spelling and vocabulary. Grammarly explains the reasoning behind each correction, so you can make an informed decision about whether and how to correct an issue.

Web Site/ERMSS/OPAC:

The web page (Intranet) of the library acts as a single window providing information and links to all its resources and services. Library web site could be accessed through Manipal University intranet portal <http://muportal/> or directly through <http://172.16.19.80/lib/index.asp>

ERMSS (e-Resources Management and Search Solutions) is a customised e-resources management and search solution to manage and provide search on subscribed titles of e-resources of the Health Sciences Library.

Users can search all the print resources (books, journals, back volumes of journals, WHO publications, etc.) of the Health Sciences Library and other libraries of Manipal University through Library's online catalogue – the EPAC (Electronic Public Access Catalogue).

Computing infrastructure:

The library has excellent computing infrastructure including 106 PCs, 16 printers, two colour laser printers and eight scanners. All PCs are connected to the campus-wide network. Wireless Internet access has been provided in the library.

National Level Conference Organized:

The Library has organized National Level Conference on Management of Modern Libraries on the theme “Role of New Information Professional in Digital Age” on 19 Feb 2016 and 20 Feb 2016. About 125 delegates from various parts of the country have participated in the conference.



Information literacy programs conducted:

To raise awareness on the subscribed electronic resources among the library users and to empower them with literature search skills, the following Information Literacy Programs have been conducted in the library under resource support services series:

Sl no	Topic	Date
1	Session on CINHAL Plus with Full Text	2 Mar 2016
2	Session on BMJ Journals, BMJ Case Reports and BMJ and BMJ Best Practice	17 Mar 2016
3	Session on SciVal	30 Mar 2016
4	Session on Access Medicine	5 Apr 2016
5	Session on Up-To-Date	5 Apr 2016
6	Session on SciFinder	28 Apr 2016
7	Awareness Program on SpringerLink and AdisInsight	6 May 2016
8	Mini workshop on Scopus, Mendeley and ClinicalKey	20 May 2016
9	Literature Search Using Ovid Medline and Ovid Journals and Books	4 Aug 2016
10	Demonstration on “Turnitin”	16 Aug 2016
11	Session on Scopus and SciVal	19 Aug 2016
12	Session on CINHAL Plus with Full Text	15 Sep 2016
13	Session on JAMA Network and Resources	21 Sep 2016
14	Demo on Grammarly	29 Sep 2016
15	Interactive Session on J-Gate	21 Dec 2016



Author workshops and author publisher meet organized:

Library has conducted following three Author Workshops and S Karger Author Publisher Meet to support the publishing activities of the faculty members and research scholars.

Sl no	Topic	Date
1	Mini Workshop on “Scopus, Mendeley and ClinicalKey”	20 May 2016
2	Half-Day Workshop on “How to Plan and Write Manuscripts and Get Published in Scientific Journals”	28 Jun 2016
3	Half-Day Author Workshop on “Writing to Get Published: How to Avoid Pitfalls, Enhance Value”	14 Oct 2016
4	S Karger Author-Publisher Meet	9 Nov 2016



Librarian’s day was celebrated on 12 Aug 2016. Dr Narayana Sabhahit, Registrar, Manipal University, Manipal, delivered the message to library professionals on the occasion. Dr G Robert Clive, Associate Professor, Department of Social Science, Crossland College, Brahmavar, Udupi delivered a talk on Communication skills for library professionals.



National Library Week Celebrations:

National Library Week Celebration has been organized during 14–20 Nov 2016 in the library and M/s Higginbotham Pvt Ltd, Chennai has conducted General Book Exhibition to commemorate the National Library Week Celebration.



Details of journal publications and training attended:

The library has a good team of three Senior Librarians, one Librarian, five Assistant Librarians, 30 semi-professionals and 19 support staff members who are committed to their work. In order to sustain and enhance their motivation and to upgrade their knowledge and skills, professional staff members were deputed to various training courses and conferences organized in different parts of the country during the year. A brief description of the conference presentations and journal publications is given below.

Conference presentation:

- Information Literacy and Embedded Librarianship: Changing Role of College Libraries in Digital Era. Karnataka State Women's University, Bijapur on 18 and 19 Nov 2016.

Journal publications:

- Jessy, A and Rao, Mahabaleshwara and Bhat, Shivananda K. Web Portal: An E-content knowledge management tool. PEARL – A Journal of Library and Information Science (2016) 10(4). Pp. 224-233, ISSN 0973-7081.

- Jessy, A and Rao, Mahabaleshwara and Bhat, Shivananda K. Citation analysis of academic publications to identify subscribed journals usage: a case study. DESIDOC Journal of Library and Information Technology (2016) 36(4) pp. 194-198, ISSN 0974-0643.
- Jessy, A and Rao, Mahabaleshwara and Bhat, Shivananda K. Assessing the effectiveness of information literacy instruction program: Pre- and post-evaluation case study. Library Philosophy and Practice (e-journal) (2016) ISSN 1522-0222.
- Jessy, A and Rao, Mahabaleshwara. Marketing of Resources and Services with Emerging Technologies in Modern Libraries: An Overview. International Journal of Information Dissemination and Technology (2016). 6(1). pp. 15-20. ISSN 2229-5984 (p) 2249-5576 (e).

Important visitors:

Many national and international dignitaries have visited the library in the year 2016. A few among them are:

- Sri ARD Prasad, Indian Statistical Institute, Bangalore
- Dr Jeffrey W Hutter, Dean, Henry M Goldman School of Dental Medicine, Boston University, Boston, USA
- Dr P Visakhi, Librarian, IISER, Mohali, Chandigarh
- Prof Morgan Chetty, South Africa
- Dr Debasis Bagchi, University of Houston College of Pharmacy, USA
- Mr Justine Thomas, Librarian, St Joseph's College of Engineering, Kerala
- Laura Barfield, Librarian, McMaster University, Canada
- Ganesh Sunvase, Bhabha Atomic Research Centre, Mumbai
- Dr Avineni Kishore, Assistant Professor, Department of Central Library and DLISc, Dravidian University, Kuppam, AP

CENTRAL LIBRARY

Kasturba Medical College, Mangaluru

Chairman: Dr Anand R
Associate Dean and Chairman
Library Committee, KMC, Mangaluru

Senior librarians: Dr Pooja, BSc, MLISc, PhD
Mr Raghuvveera K, BCom, MLISc,
Mr Balu Wagle, BCom, MLISc,

Holding of the library:

Total no of Books	31013
Total no of Back Volumes in the Library	22776
Total no of Journals Subscribed for the year 2016	217
Total no of Compact Disks/DVD's	1546
Total no of Video Tapes	99
Total no of Computers in the Library	67

Working hours of the library:

All the days of the Week (Monday to Sunday): 9.00 am to 11.30 pm

Services of the Library:

Facilities in the library:

Sl no	Name of the facility	Timing
1	Internet and Access	9:00 am -11:00 pm
2	Computer Based Service (CD Writing, Scanning and Laser Printing)	9:00 am - 5:00 pm
3	Photo copying	9:00 am -11:00 pm
4	Book Bank Facility	9:00 am -5:00 pm
5	Inter Library loan/ Document delivery	9:00 am - 5:00 pm
6	Plagiarism check	9:30 am -12:30 pm 2:30 pm - 4:30 pm
7	MU digital repository (E-print service)	9:00 am - 4:30 pm

DONATIONS:

- Dr M V Prabhu, Dean, KMC, Mangaluru, has donated the following Books during the year 2016
 - a. Manipal and Beyond: Ramdas Pai and the Landscape of Indian Education by Glenn Christo Kharkongor
 - b. Dr H S Ballal: Manipal's Gentle Giant by Manipal University Press
 - c. Comprehensive Review of Pathology: Based on Robbins Pathology, 9th edition by Sobam K Pruthi
 - d. Exam Preparatory Manual for Undergraduates by Dr Archith Bloor, 2016, Published by Jaypee Brothers
- Dr G G Laxman Prabhu, Prof and HOD of Urology, KMC, Mangaluru has donated the book "Better: A Surgeon's notes on performance by Atul Gawande, Published by Penguin Books.
- Dr Abhishek Sharma, KMC Mangaluru Alumnus, 1998 batch, has donated the book "Morbid Obesity: Anesthesia and Perioperative Management by Aparna Sinha Published by the Byword Books Private Limited.

National/state conference – paper presentation by faculty members:

Sl no	Name of the faculty member	Name of the Conference	Title of the paper/poster Presented with name of the faculty presented	Date	Place
1	Dr Pooja R	Innovations for promoting effective use of libraries	Application and use of ICT at KMC Central Library, Mangalore	12 Aug 2016	Kapu, Udupi

Department statistics for the year 2016:

Total no of conferences attended by faculty		Total no of Presentations in National/International conferences		Total no of Workshops attended by faculty members	Total no of CMEs attended by faculty members	Total no of Awards won by faculty members
International	National	International	National			
--	1	--	1	2	--	--

CENTRAL LIBRARY

Manipal Institute Technology

Manipal Institute Technology, Manipal University, Manipal
E-mail: lib.mit@manipal.edu Tel: +91 0820 2924451



Senior librarian and in-charge: Dr Rekha D Pai

Central Library, MIT, Manipal, is located at the heart of the institution and easily accessible to the students, faculty members and researchers of the institute. The building occupies a total area of about 70,000 sq ft and has three floors comprising the individual and group study halls with a seating capacity for 950 people. The central library provides services not only to MIT but also to FOA (Faculty of Architecture), SOIS (School of Information Science), ICAS (International Centre for Applied Science) and DAMP (Department of Atomic and Molecular Physics) having more than 10,000 active users. The library subscribes

many electronic resources as a component of digital library and hosts more than 1 lac documents. It subscribes many e-journals, e-databases, e-books and CDROMs. MIT has become an information rich educational institute by subscribing all these e-resources. These information resources promote and advance teaching and learning and facilitate an improved productivity and qualitative research. The entire library is Wi-Fi enabled and a security system with CCTV is present in all the floors.

The library is centrally air conditioned with a beautiful ambience and the new furniture attracts the users.



Lending section



Book stack

Library resources:

The total collection of library resources as on 31 Dec 2016:

Collection	Added	Total
Books	1,350	1,08,630
Book bank books	140	8,129
Journals (Print)	--	340
Online Journals	--	2,450
Bound volumes	699	11,849
CDROM	300	5,800
Project reports	729	10,052
Thesis (PhD)	12	104

Memberships:

DELNET: MIT has the membership of DELNET Online services. The DELNET database can be accessed online and the request may be sent to DELNET to provide photocopies of articles /books. In the year 2016 library has lent 40 books on inter library loan to DELNET. It has borrowed more than 10 books and nearly 50 articles.

Statuary body visit: NBA committee visited MIT during 2016 for accreditation of various engineering programs. The members expressed their appreciation about the library facilities. Peer team members of NAAC committee also visited the library in May 2016.



E-resources subscribed by MIT library:

Sl no	Product Name	Publisher Name	No of Journals	Back volumes from the year
E-Journals (full text)				
1	IEEE online	IEEE	260	1995
2	ASCE	ASCE	32	2000
3	ASME	ASME	25	2000
4	ACM	ACM	35	2000
5	Springer Link (Full package)	Springer	1137	1995
6	Science Direct Engineering	Elsevier	221	1995
7	Science Direct Computer	Elsevier	135	1995
8	Science Direct Biotechnology	Elsevier	20	1995
9	Science Direct Chemical Eng.	Elsevier	99	1995
10	Science Direct Environment	Elsevier	127	1995
11	ASTM standards & Digital Library	ASTM	10	2000
12	EBSCO Art & Architecture	EBSCO	370	2000
13	Wiley Online	Wiley	8	2015

Sl no	Product Name	Publisher Name	No of Journals	Back volumes from the year
E-standards				
1	ASTM standards	ASTM	--	2010
2	BIS Codes - Online version	BIS	--	--
E-books				
1	Springer Link (Full package)	Springer	35,618	2005-16
2	Mc Graw Hill Access Engineering	Mc Graw Hill	478	--
3	EBSCO Art and Architecture	EBSCO	220	--
E-databases				
1	J-Gate	Informatics India	--	--
2	Scopus online	Elsevier	--	--
3	SciFinder	American Chemical Society	--	--
4	Scival	Elsevier	--	--
5	Web of Science	Thomson Reuters	--	--

E-Prints (MU Digital Repository): MIT library has uploaded nearly 3803 faculty publications in MU Digital Repository. In the year 2016, the library has uploaded 298 articles, 290 conference proceeding and other materials of MIT faculty.

EZProxy/Off Campus Remote Access to e-Resources: The total number of users of EZProxy is 590. More than 290 users have registered for off campus remote access to e-resources subscribed by the central library.

Turnitin (Anti-plagiarism software): Manipal University has purchased Turnitin software and one license is maintained in the library. In the year 2016, central library has enabled plagiarism test for about 650 articles/thesis belonging to MIT faculty/student members.

NPTEL video lectures: MIT has subscribed NPTEL video lectures (National Program on Technology Enhanced Learning) prepared by IITs of India. It covers all engineering lecture series developed by IIT professors. One can access these lecture series through the intranet or through LAN.

Question paper archive: Central library has digitalized and uploaded university exam question papers from 2006 onwards. It may be accessible through intranet in the campus.

Webpage in the intranet: A link to access all the e-resources is given in MU portal <http://libportal.mahe.manipal.net/MIT/MIT.aspx>. By clicking the respective links available all the e-resources subscribed may be accessed.

Information literacy programs: The library arranged six information literacy programs and workshops for the benefit and effective use of library resources by the user.

- Central library in association with McGraw Hill Access Engineering, New Delhi, arranged a user training and awareness session of their product on 5 Apr 2016. Mr Sivamay Bhattacharya, training consultant, briefed about the product.
- A user-training program on SciFinder database was arranged on 28 Apr 2016 for the benefit of faculty, students and research scholars of the institution. Mr Sherin Mary Samji from ACI International India Pvt Ltd, Pune, explained about the SciFinder.
- Central Library in association with Springer group arranged a user session about the springer online, on 6 May 2016 for the benefit of library users. Mr Rajneesh from Springer, training consultant, briefed about the product.
- A demonstration on Turnitin - Originality Checking / Plagiarism Detection Tool arranged in library Individual study hall on 18 Aug 2016. Mr Arjun from iGroup Infotech India Pvt Ltd, Bengaluru, gave the product details.
- Effective Literature Search in Digital Age – A talk was arranged in Sir M V Seminar hall organized by central library on 15-09-2016. Mr D T Edwin, training specialist EBSCO India Pvt Ltd, explained search strategy of literature for research works.
- A workshop on Grammarly was arranged on 15 Nov 2016 in Sir M V Seminar hall. Mr Karthik from Bridge People Technology Solutions Pvt Ltd, Bengaluru, was the resource person.

Orientation programs:

Presentations on the facilities and resources of the library are made for the benefit of new students in the orientation programs arranged by MIT, ICAS and FOA every year.

Workshops/conferences attended:

A team of professionals/semiprofessionals and supporting staff are working in the library to give quality library services. In order to upgrade themselves with the latest technologies the staff members have been deputed to attend the conferences/workshops:

Dr Rekha D Pai, Senior Librarian made the following conference presentations/coauthored the conference papers in 2016:

Pai, Rekha D (2016) **Information technology in modern libraries**. In: State Level Conference on Information Technology and Library Services, 29 Jan 2016, Mulki Sunder Ram Shetty College Shirva, Udupi.

Nayana,* and Pai, Rekha D (2016) **Publishing in digital repository: A study**. In: National conference on management of modern libraries (NACML-2016), Feb 2016, Department of Library and Information Science, Manipal University, Manipal.

Shetty, Sunil and Hedge, Ranjith and Pai, Rekha D (2016) **Search techniques in electronic databases: Skill for**

information professionals. In: National conference on management of modern libraries (NACML-2016), Feb 2016, Department of Library and Information Science, Manipal University, Manipal.

Anusha, R and Pai, Rekha D (2016) **Skills for LIS professionals: Development of library blogs**. In: National conference on management of modern libraries (NACML-2016), Feb 2016, Department of Library and Information Science, Manipal University, Manipal.

Dr Rekha D Pai, Senior Librarian gave a talk on "Importance of libraries" in JCBM College, Sringeri on Librarians' day celebration on 27 Aug 2016.

Mr Abraham P V, Senior Librarian participated in the National workshop on information management using Koha and Word press held on 28-31 Jan 2016 in Mysore.

Nagesha Prabhu, Senior Librarian, attended an awareness program on Bibliometric and Scientmetric study at MIT, organized by Directorate of Research, MU, Manipal on 20 Sep 2016.

SCHOOL OF COMMUNICATION LIBRARY



MIC Library is well stocked with books, journals, magazines and audiovisual materials to meet the information needs of students and faculty members of MIC. New books have been added in order to keep the library abreast of development in media and communication studies. The 3000 and odd books donated by the Honorary Director Dr M V Kamath is an invaluable addition. The Library has a unique collection of Gandhi's works. OPAC is available through the Intranet. Therefore, users can search not only MIC library catalogue, but also the catalogue of other

libraries of MU institutions in the campus. Apart from peer-reviewed journals in communication and media, the Library also subscribes to online databases. Popular magazines and national and regional newspapers are available for library members.

Library's e-resources can be browsed through the intranet portal <http://muportal.mahe.manipal.net/>

The Library has a separate audiovisual facility for film screening and recording the TV programs for academic

work. This section holds about 800 classic films in Indian as well as foreign languages. A good collection of documentaries by renowned Indian documentary makers on different topics is a specialty to the audiovisual collection.

The new addition to the library is a corner dedicated in the memory of Dr M V Kamath, who was the Founder-Director, a great visionary and a writer and voracious reader. Anyone who wishes to read can comfortably spend time reading his personal collections that are on various topics.

The Library has an institutional association with AMIC (Asian media information and communication center), Philippines and has access to their resources.

The fully air conditioned library stretches to an area of 5000 sq ft with a seating capacity of 100 and is Wi-Fi enabled.

Photocopying and Internet browsing facilities are available in the library for students and faculty members.

Working hours:

The working hours of the library are:

On all working days	9.00 am to 7.00 pm
Sunday	Holiday
During vacation	9.00 am to 5.00 pm

Library collection:

Total collection of library resources as on Jan 2017 is:

Collection	Total
Books	12281
Journals and other periodicals	55
Online database	3
Online books	25
Films, documentaries, data CDs and Music collections	744
Post graduate theses	778
Back volume of journals	642
Newspapers	13

Library services:

MIC Library provides the following services to its users:

Reference service:

The library staff members assist the users to locate the needed information from the various resources of the library and from outside sources.

Circulation:

Members can borrow books for a specific period.

Photocopy:

Users can take photocopies of the relevant material by paying a nominal fee.

Internet browsing:

Internet browsing facility is provided in the library for the students.

Inter-library loan:

Library helps to get the information that is not available in our library from other libraries like AMIC CENTRE and from other constituent college libraries.

Audio video viewing facility:

Library has a separate audiovisual room with all required equipment like TV, Video player Cum Recorder, Cable connection etc., for audio-visual screening facility.

Online databases and books:

The Library is subscribing to the online database JSTOR & EBSCOHOST'S (Media and Communication Complete) for the benefit of members. Some important online journals and books are also available for the members' use.

About 25 digital books on media and communication are also available for the users.

Workshop/conference attended:

Mrs Ratheebhai, a Librarian was one of the resource persons for the pre-conference workshop during the conference: South Asian Evidence Summit-SES 2017, Public Health Development in South Asia (PHESA), Manipal University from 5-7 Jan 2017.

Mrs Ratheebhai presented a paper titled "How to build an effective search strategy for systematic reviews" in the conference, South Asian Evidence Summit - SES 2017, Public Health Development in South Asia (PHESA), Manipal University on 5-7 January 2017.

Ms Shobha, Assistant Librarian and Mr Ashok, Library Assistant participated in the EBSCO training conducted on 2nd Mar 2016.

General Library:

University General Library (GL) has been functioning from MIC Library and it is open to all MU Staff members and their family.

The GL collection has some very interesting books. The Library has a good collection of fiction and biographies. Some academic and other books donated by our staff members are also some of the valuable additions. The Library's small and carefully selected children's collection is also a separate attraction. Membership is free to all MU staff members. Catalogue is online and can be searched through the intranet portal <http://muportal.mahe.manipal.net/>

Total collection of books and number of users:

Books	2450
Library members	431
Working hours	9:00 am-7:00pm

SCHOOL OF MANAGEMENT LIBRARY

School of Management (SOM) Library and information centre has a vast collection of management books and journals. Apart from printed resources, the library subscribes to online database. The centre is fully automated (Easylib Software) and the resources are made available as electronic public access system (EPAC). The user can search for a book by title, author, call number and keyword. The status of the book and journal they need is displayed on the screen. The students have access to internet, CD-ROM information retrieval and photocopying facilities. The library is fully air-conditioned and Wi-Fi enabled. The e-resources can be browsed through the intranet portal <http://muportal>. The library is open from 9:00 am to 8:00 pm on all working days.

Working hours:

On all working days	9:00 am to 8:00 pm
Sunday	Holiday
During vacation	9:00 am to 5:00 pm

Library area and seating capacity:

Seating capacity	58
Area of Library	286 Sq Mts
Area of reading room	203 Sq Mts
Carpet area of stack room	83 Sq Mts

Staff members:

Librarian	01
Library Assistant	01
GDW	02

Number of registered members:

Students (SOM+DOC)	1222
Faculty members	55
Guest Faculty members	15

Library services:

- Circulation of Books
- Reference Services
- Book Bank Facility
- Interlibrary Loan
- Photocopy
- Plagiarism Check
- MU Digital Repository (E-print service)

Automation in SOM library:

Library provides automated services to its users using EASYLIB software. The users can use online public access catalogue from their departments/hostels. The users can search all the print resources (books, journals, project reports) of the SOM Library and other libraries of Manipal University through the Library's online catalogue – EPAC (Electronic Public Access Catalogue).

Question paper archive: The SOM library has digitalized and uploaded university exam question papers from 2006 onwards.

Library collection

Collection	Added (during the year 2016)	Total (as on 31 Dec 2016)
Books	613	16471
Book bank books	1447	2864
Journals	--	17
Online Database	--	05
Newspaper and Magazines	--	16
Company Annual Reports	--	80
Bound Volumes	--	914
CD's	--	1,463
Project Reports	142	2,528

Library e-resources:

Webpage in the intranet: A link to access all these e-resources is given in Manipal University- <http://muportal>

SOM Library, digital subscriptions:

All library e-resources can be accessed on campus - online databases

- EBSCO- Business source complete
- Emerald Management Xtra 175
- Capitaline
- J-Gate
- Economic Outlook (CMIE)
- Industry Outlook
- Prowess

EBSCOhost – Business source complete: Business Source Complete online database from EBSCO provides access to full text coverage of scholarly business management and economics journals such as management, accounting, banking, finance, international business, marketing, sales healthcare etc. **Business Source Complete** is the world's definitive scholarly business database, providing the leading collection of bibliographic and full text content. As a part of the comprehensive coverage offered by this database, indexing and abstracts for the most important scholarly business journals back as far as 1886 are included. In addition, searchable cited references are provided for more than 1,300 journals.

Emerald Management Xtra 175: Emerald Management Xtra 175 is world's leading and the largest publisher of management journals and books, publishing high quality, peer reviewed journals on every subject of management, and every article is endorsed by EFMD, AACSB, BMD etc. It has a full text access to 90,000 articles from 175 journals and 90,000 structured review abstracts from a further 300

of world's top management journals with their 14-year full text archival issues along with case studies, Guru interviews collection, literature reviews, specialized resources for authors, researchers, faculty, students and others.

Capitaline: The database CAPITALINE 2000 is an offline corporate data base on more than 1500 companies with their financial and non-financial information kept updated every fortnight.

J-Gate: It provides seamless access to millions of journal articles available online offered by more than 8,750 publishers. Presently it has a massive database of journal literature, indexed from more than 26,830 e-journals with links to full text at publisher's sites. It also offers bibliographic information services to scholarly and technical electronic journal literature. J-Gate social and Management sciences is a subset of J-Gate and indexes e-journals in the fields of Electronics, Electrical, Civil, Information Technology, Computer Science etc. Journal coverage: 6700 indexed 2000 free full text.

Economic Outlook (CMIE): The Economic Outlook provides CMIE's view on the Indian economy. It interprets new data releases continuously; provides insights by unravelling details and weaves an updated and integrated picture of the economy. Economic Outlook provides forecasts on growth, inflation, fiscal balance, balance of payments, corporate earnings, and a host of sectoral indicators. It provides its analytical view explaining these forecasts. The service provides thousands of tabulations

and charts. It also provides images of hundreds of original documents.

Orientation programs:

Library actively participates in the orientation program arranged by SOM. Presentation on library facilities and resources is made for the benefit of fresh students.

Information literacy programs conducted:

Sl no	Topic	Date
1	"Session on CMIE: Industry Outlook and Prowess - Subscribed Online Database"	3 Aug 2016
2	"Session on EBSCO- Business Source Complete – Subscribed Online Database"	13 and 14 Oct 2016

Workshops attended:

Ushalatha, Librarian, attended

- a) User training on Turnitin - Originality check/Plagiarism detection tool Software to be held on 16 Aug 2016 at Health Sciences Library, MU, Manipal.
- b) User training on Scopus and Scival to be held on 19 Aug 2016 at Health Sciences Library, MU, Manipal.
- c) A workshop on "Client Service Improvement" on 24 Dec 2016 at MCPD, Health Science Library Building, MU, Manipal.

MANIPAL HUMANITIES LIBRARY

Manipal University, Manipal, Phone Number: 820 2923562

E-mail: lib.mhl@manipal.edu

The Library of Manipal Humanities, Manipal, established on Dec 2009, is situated at the Planetarium Complex, Manipal. The library works in two floors and utilized by the information seekers. The library aims to acquire and disseminate the information on philosophy, language, literature, religion, social sciences, history, arts, political

science and economics. The library can accommodate 40 users at a time. The library is open from 9:00 am to 8:00 pm (Monday to Saturday). Besides traditional carriers of information such as books and journals, the library is well equipped with print and online journals and journal database. The library is automated with EASYLIB software.

Library resources:

Collection	Total number
Books	7057
Journals (print and online)	20
Online Journal	--
Online Journal Database	1 (JSTOR)
DVD	53
Theses	69

Numbers of registered library users:

Users	Total
Students	48
Faculty members	8
	56

Library manpower:

Position	Male	Female
Librarian	-	1
Library Assistant	-	1
Total		2

WGSHA LIBRARY

The library is well equipped with nearly 11,222 books on hotel management and allied subjects. In addition, we subscribe to nearly 60 journals/magazines from all over the world. The library has devoted a large section towards general reading including sports, history, culture and fine arts. The library also has a collection of over 677 CDs on a variety of topics and 12 internet terminals.

Book bank:

Course books prescribed by the college are available in the Library and are issued to students at the beginning of the academic year. Students are required to deposit the textbook at the Library at the end of the course in a good condition.

There is a separate library for the BA in Culinary Arts course, which currently has around 830 books.

The library is fully automated and the resources are made available through both online and offline. The library is fully air conditioned and Wi-Fi enabled.

Library services:

- 1) Circulation of books
- 2) Reference services
- 3) Inter-library loan
- 4) Document delivery service

Automation in WGSHA library:

Library provides automated services to its users EASYLIB software.

Working hours:

The working hours for the Library are as follows:

Monday to Saturday 8:00 am – 7:00 pm

During sessional and exams 8:00 am – 9:00 pm

The Library is open on Sundays only during the sessional and end-term examinations days.

E-resources:

1) Library subscribes to online database called “EBSCO hospitality and tourism”, which covers scholarly research

and industry news relating to all areas of Hospitality and Tourism. This collection contains more than 749,000 records, with coverage dating as far back as 1965. There is full text for 440 publications, including periodicals, company and country reports and books. Library has also access to online database called “Emerald Management” which covers full text of management journals. These can be accessed through following link via intranet.

Link to access: <http://search.ebscohost.com/>

2) Library also subscribes to online database “Hospitality Tourism and leisure collection + culinary arts collection,” which includes 550 industry journals and 150 major cooking and nutrition magazines.

Link to access: <http://infotrac.galegroup.com/itweb/>

3) Scopus

Scopus is the largest abstract and citation database of peer-reviewed literature, scientific journals, books and conference proceedings. Delivering a comprehensive overview of the world’s research output in the fields of science, technology, medicine, social sciences and arts and humanities, Scopus features smart tools to track, analyze and visualize research. As research becomes increasingly global, interdisciplinary and collaborative, you can make sure that critical research from around the world is not missed when you choose Scopus.

Link to access Scopus: <http://www.scopus.com/home.url?zone=header&origin=SearchAffiliationLookup>

3) Web of Science

Web of Science provides a single destination to access the most reliable, integrated, multidisciplinary research. Quality, curated content delivered alongside information on emerging trends, subject specific content and analysis tools make it easy for students, faculty, researchers, analysts, and program managers to pinpoint the most relevant research to inform their work.

Link to access web of science: <https://apps.webofknowledge.com>

DEPARTMENT OF GEOPOLITICS AND IR LIBRARY

Manipal University, Manipal, Phone Number: 0820-2922701

The Library, established in 2010, is situated at the old TAPMI building behind Manipal Post Office. The library extends over 1056 sq ft area. The aim of the library is to acquire and disseminate information on geopolitics, international relations (study abroad program), Polish and North-East Studies, along with political sciences, economics, languages, history, military science, social sciences, Gandhian and Peace Studies. The users can

utilize this library from 9.00 am to 8.00 pm (Mon to Saturday). Besides traditional carriers of information such as books, theses and journals, the library is well equipped with print and online journals, journal database, computer lab etc. The Library is automated EPAC, EASYLIB Software and is Wi-Fi enabled. Online databases such as Springer e-journals, Scival, Scifinders and Web of Sciences are also subscribed by the Library.



Library resources:

Collection	Added (during year 2016)	Total Number (as on Dec 2016)
Books	694	2112
Journals (Print)	1	12
Online Journals	8	8
Online database	4	4
Theses	14	52

Number of registered library users:

Users	Total
Students	43
Faculty	04

Library services:

Library provides the following services to the user.

- **Reference service:**
The staff assists the users to locate the needed information.
- **Circulation:**
Members can borrow the books for a specific period.
- **Inter-library loan:**
Library helps to get information that is not available in our library from other libraries.

Online resources:

- Springer Link
- Web of Science
- Scival
- Scifinder

Donation of books by:

- The Delhi Polish Institute, New Delhi
- Dr Duleep Deosthale

DEPARTMENT OF EUROPEAN STUDIES LIBRARY

Manipal University, Manipal, Phone Number: +91-820-2923096

Department of European Studies Library started working in Dec 2009, and is situated at old TAPMI building. The library has two different reading areas viz. European Studies and Dvaita Philosophy Resource Centre with an area of 1049 sq ft. The library aims at acquiring and disseminating the information resources on European studies, political sciences, economics, international relations, social sciences, philosophy, history, languages (including foreign

languages like German, Japanese, Italian, etc.). Apart from these, the Dvaita Philosophy Resource Centre has several important resources. The library can be utilized from 9:00 am to 8:00 pm (Mon to Sat). Besides the traditional carriers of information such as books and journals, the library has access to online databases like JSTOR and Springer link. There is a separate computer lab for the users. The library is automated.



Library resources:

Collections	Total Number
Books	5596
Journals (print + online)	7

Library manpower:

Position	Male	Female	Total
Senior Librarian	1	-	1
Library Assistants	1	1	2

Book/books donated by:

- Dr H Vinod Bhat, MU, Manipal
- Dr A V Nagasampige, Bengaluru
- Prof N T Bhat, Manipal
- Smt Usha Chadaga
- Mr Rahul Putty, Manipal
- Mr Vamsee Juluri
- Sri Bannur Ramachandra Rao, Bengaluru
- Nehru Memorial Library, Manipal
- Dr Giridhar Boray, Bengaluru

CENTRAL LIBRARY – DUBAI CAMPUS

The Library aims in supporting Manipal University's Dubai Campus as an internationally top ranked university and a knowledge hub. Besides enabling access to information resources, the library also provides innovative, responsive and effective services to meet the ever-changing needs of the academic community.

The Library is equipped with all necessary amenities, making it a pleasant environment for study. It holds literature predominantly related to business and management, finance, economics, computer science and information technology, biotechnology, interior design, architecture, engineering and its allied subjects. It aims to develop a

comprehensive collection of information resources, which are useful for academic and research purposes. The Library plays a proactive role to ensure that the information resources are acquired and organized to meet the present and future needs of its users.

The Library has utilised information technology extensively to ensure that resources are accessible at all times. Library catalogue is available online and the availability of the resources could be checked using the same. The Library holds a hybrid collection of printed as well as electronic resources which include books, journals, databases, audio-visuals, CDs/DVDs, e-books, e-journals, etc.

Services/facilities being offered:

- Library website, a gateway to the information sources available within the library and beyond.
- OPAC Services in place.
- Access to
 - o Over 16,622 books.
 - o 53 print magazines/journals.
 - o Over 30,000 electronic journals.
 - o Classic collection of books on various subjects through Digital Library.
 - o Archives of last 13 years question papers of our university examinations through the library site.
 - o Various online Databases

- Thirty-two computers are dedicated to the user groups for internet browsing and access to the online databases.
- Photocopying/printing facilities.
- Dedicated group discussion rooms and an audio/visual room.
- Collection of over 2000 audio visual materials.
- LCD TV monitor with DVD player dedicated for the audio/visual viewing purpose.
- Orientation and library workshop to small groups/individual classes.
- The university library offers a free shuttle service during the evening study hours for the patrons.
- iPad lending service is provided to patrons for accessing subscribed online databases and institutional repository.
- Library Media Monitoring Service is updated with happenings of global and Indigenous.
- The library Facebook account connects with the patrons in updating the latest happenings about the library.
- Books of importance are promoted through End of Shelf Display.



Stack area at library Manipal University, Dubai

Library collection:

Collection	Added (during 2016)	Total
Books	34	16622
Journals	1	53
Online Journals	--	30,000
Back Volumes	--	1600
AV Resources	--	1980
Theses	381	2230
Online Database	--	4

Library portal:

<http://library.manipaldubai.com>

The Library portal acts as a gateway to all the electronic information services to the patrons of Manipal University, Dubai Campus.

E-resources:

Academic search complete:

Academic Search Complete is the world’s most valuable and comprehensive scholarly, multi-disciplinary full-text database, with more than 8500 full-text periodicals, including more than 7,300 peer-reviewed journals. In addition to full text, this database offers indexing and abstracts for more than 12,500 journals and a total of more than 13,200 publications including monographs, reports, conference proceedings etc. The database features PDF content going back as far as 1887, with the majority of full text titles in native (searchable) PDF format. Searchable cited references are provided for more than 1,400 journals.

Business source complete:

Business Source Complete is the world’s definitive scholarly business database, providing the leading collection of bibliographic and full text content. As part of the comprehensive coverage offered by this database, indexing and abstracts for the most important scholarly business journals back as far as 1886 are included. In addition, searchable cited references are provided for more than 1300 journals.

Engineering source:

Engineering Source offers more than 3000 full text titles in engineering, computer science and related areas. It is designed for corporate reference customers, and will be offered as a standalone database or in conjunction with EDS.

E-book academic collection:

There are more than 150,400 eBooks in this package, including titles from leading university presses such as Oxford University Press, State University of New York Press, Cambridge University Press, University of California Press, MIT Press, Harvard University Press and many others. Additional academic publishers include Elsevier Ltd, Brill Academic Publishers, Taylor and Francis Ltd, Sage Publications Ltd and John Wiley and Sons, Inc.

MEED online:

- Gives accurate and adequate timely information
- Covers exclusive information on all the major business sectors of Middle East
- Provides information on tenders and contracts awarded
- Provides focused information which is sector based
- Provides Expert’s opinion through exclusive interviews
- Has 20 year online archives of articles published in MEED Magazine

Library workshop and information literacy program:

- The Library also conducts information literacy programs to individual classes on various resources and services.
- Library staffs are actively involved in assisting the user groups on their research work.
- The Library conducts workshop for the freshmen and presents information about the library facilities, resources and services.



Turnitin database workshop for MUDC faculty members



Library orientation for freshmen

MELAKA-MANIPAL MEDICAL COLLEGE LIBRARY

Melaka-Manipal Medical College Library is located at the first and ground floor of the Library building at the main campus, while for Muar Campus it is located on the first floor of the administrative building.

The main campus library is divided into two areas viz., the reading area located at ground floor and the main library located on the first floor. The main library comprises various

sections: circulation counter, discussion rooms, scanning room, leisure reading area, individual study corner, and computer laboratory with printer and LCD facility.

As for Muar Campus Library, the following section is available; general reading area, leisure reading area and computer laboratory along with five discussion rooms.

Our library manpower is as follows:

Position	Total
Librarian	1
Melaka campus	
Library assistants	2
Muar campus	
Library assistant	1
	4

MMMC library space dimension for Melaka campus:

Location	Dimension [meter square]
Main Library	1148
Computer Laboratory	142
Reading Area	354
Ground Floor lobby	188

MMMC library operation hours:

Melaka campus:

Main library:

Monday – Thursday: 9 am – 12 midnight
 Friday: 9 am – 11.30 pm
 Saturday, Sunday and public holiday
 Closed

Reading area:

Monday – Sunday (including Public holiday): 9 am – 12 midnight

Muar campus

Monday – Thursday: 12 noon – 9 pm
 Friday: 12 noon – 8.30 pm
 Saturday, Sunday and Public Holiday Closed

Loan privilege offers by MMMC library are:

Member Type	Type of material	Item	Loan Period	Renewal
Students	Open Shelves	2	15 days	1
	Red Spot	10	2 hours	--
	Media (CD / VCD)	2	3 days	1
Lecturers	Open Shelves	15	30 days	Unlimited
	Red Spot	Unlimited	2 hours	
	Media (CD / VCD)	2	3 days	

Facilities for users:

- 1 Discussion rooms
- 2 Individual study carrels
- 3 Leisure reading area
- 4 Printer and photocopy machine
- 5 Scanner
- 6 Wi-Fi connection
- 7 Laptop area

Services available in MMMC are:

- 1 Circulation service for lending and returning of library materials
- 2 Reference service
- 3 Interlibrary Loan
- 4 Audiovisual materials
- 5 WebOPAC
- 6 Online reservation
- 7 Online renewal
- 8 Compilation of lecturers publication (Printed)
- 9 E-Learning room

MMMC library seating capacity are:

Location	Seating Capacity	
	Melaka Campus	Muar Campus
Main Library	111 persons	100 persons
Discussion Rooms	52 persons	30 persons
E-Learning Room	40 persons	-
Computer Lab	50 persons	46 persons
Reading Area	88 persons	-

Our collections for Faculty of Medicine consist of hardcopy books, eBooks, journals, audiovisual materials and databases. The details are as follows:

Faculty	Title	Copies
Faculty of Medicine - Melaka	3433	6918
Faculty of Medicine – Muar	862	1459
Faculty of Dentistry	215	375
Foundation in science	285	542
TOTAL	4795	9294

Therefore, our total collection at Melaka Manipal Medical College library as of 31 Dec 2016 is 4795 titles (9294 copies).

Audio-Visual resources:

	Audio-visual	Titles	Copies
Melaka Campus	CD/VCD with books	193	347
	CD-ROM	55	96
Muar Campus	CD/VCD with books	3	7
	CD-ROM	5	28
TOTAL		256	478

Our current subscriptions of journals for 2016 are in the online version, which can be accessed from both Melaka and Muar campuses:

Faculty of Medicine:

- 1) Medicine
- 2) Surgical Clinics of North America
- 3) Surgery (Oxford)
- 4) Psychiatric Clinics of North America
- 5) Paediatric Clinics of North America
- 6) Obstetrics and Gynaecology Clinics of North America
- 7) Asia-Pacific Journal of Ophthalmology
- 8) Current Opinion in Paediatrics
- 9) Obstetrics and Gynaecology Survey
- 10) Journal of the American Academy of Orthopaedic Surgeons
- 11) Bone and Joint Journal
- 12) British Journal of Surgery
- 13) Medical Education
- 14) Clinical Teacher
- 15) Asia Pacific Journal of Public Health
- 16) Orthopaedic Proceedings
- 17) International Journal of Obstetrics and Gynaecology (BJOG)

Faculty of Dentistry:

- 1) British Journal of Oral and Maxillofacial Surgery
- 2) Dental Clinics of North America
- 3) Journal of Endodontics
- 4) Journal of Prosthetic Dentistry
- 5) Community Dentistry and Oral Epidemiology
- 6) Journal of Periodontology
- 7) Clinical Advances in Periodontics
- 8) Journal of Clinical Pediatric Dentistry
- 9) British Dental Journal
- 10) Journal of Dental Education
- 11) Journal of Clinical Orthodontics

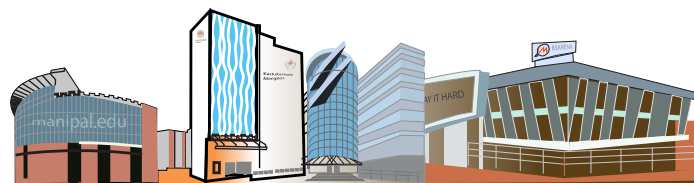
Currently, we have annual subscription for the following databases which provide access to various medical science journals and research articles:

- 1) BMJ Learning
- 2) BMJ Case Report
- 3) BMJ Best Practice
- 4) BMJ Journals
- 5) The Cochrane Library
- 6) ProQuest
- 7) MMMC In-house database

They are accessible at the campus and remotely in the following web link: <http://library.manipal.edu.my/>

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Photo Gallery





Annual Day WGSHA



Conscendo, DOC



Cross country race, MMMC



Fashion show MCODS



Independence Fortnight Celebration, MCON



Intl. Conference, MCON



MU Athletic Meet MMMC



New year award



RAVANALEELA DRAMA, MIT



ROBO Manipal



Sri Sri Vishweshwara Theertha Swamiji Visit, MU



Swami Vivekananda's 153rd Birth Anniversary SOAHS



Website Launch, MU



CME- HIV updates 2016 KMC Mangalore



World Diabetes Foundation, SOAHS



CME- DERMA Connect 2016 KMC Mangalore



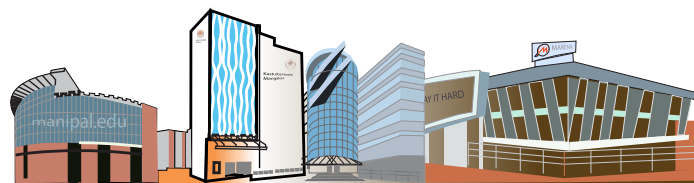
ZIKA Virus Disease, MCVR



Material Management Conference Inauguration

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Top Ranking Institutions



PROFESSIONAL COLLEGES Rankings

TOP 100 ENGINEERING COLLEGES

Rank 2017	Rank 2016	Name of the Institute	Pvt G: Govt	City	Selection Process (22)	Academic (214)	Personality devt & Intell (206)	Infrastructure (206)	Placement (206)	Total Score (1000)
1	1	IIT	G	Delhi	212.0	202.3	174.0	195.5	175.0	958.8
2	2	IIT	G	Mumbai	215.1	195.6	170.0	199.9	159.8	940.4
3	3	IIT	G	Kharagpur	219.0	197.6	162.0	197.3	153.2	929.1
4	5	IIT	G	Kanpur	206.0	195.2	164.0	192.0	161.5	918.7
5	6	BITS	P	Pilani	184.0	185.0	152.0	183.7	165.7	870.4
6	9	MIT, Karnataka	G	Mangalore	177.0	171.6	138.0	178.4	144.7	809.6
7	11	College of Engineering, Guindy	P	Chennai	211.6	144.7	138.9	145.1	120.5	760.7
8	12	NSIT*	G	New Delhi	151.0	154.4	134.9	163.5	154.4	758.2
9	19	VIT University	P	Vellore	143.0	154.6	164.0	152.0	129.0	742.6
10	14	College of Engineering	G	Pune	167.5	151.0	134.2	146.4	140.7	739.8
11	15	IIT	P	Hyderabad	150.1	154.6	130.8	160.8	142.5	738.8
12	17	IIT	G	Allahabad	151.4	155.3	119.0	153.4	152.0	731.1
13	21	Indian Institute of Tech (Ind. Sch. of Mines)	G	Dhanbad	170.0	190.2	137.4	119.8	113.3	730.7
14	13	DTU	G	New Delhi	145.0	165.1	131.0	142.2	147.0	730.3
15	18	Manipal Institute of Technology	P	Manipal	155.6	155.6	131.0	151.3	135.0	715.2
16	22	University Institute of Engg, Chandigarh University	P	Chandigarh	143.0	144.8	140.6	158.9	123.4	710.7
17	16	PSG College of Technology	P	Coimbatore	144.0	143.1	130.3	164.2	119.6	701.2
18	24	VNIT	G	Nagpur	145.0	157.3	107.6	174.5	106.5	690.9
19	23	Thapar University	P	Patiala	142.0	156.8	124.6	150.5	115.7	689.6
20	Np	M.S. Ramaiah Institute of Technology	P	Bangalore	139.1	125.1	114.7	176.7	128.8	684.3
21	20	BIT	P	Ranchi	165.0	154.2	114.5	169.9	75.7	679.3
22	25	NIE	G	Mysore	142.6	142.8	131.0	148.9	108.5	673.8
23	30	University College of Engineering	G	Hyderabad	142.0	137.6	111.0	164.5	118.0	673.1
24	Np	Sri Sivasubramaniya Nadar College of Engineering	P	Kalavakkam	148.0	142.5	134.3	130.3	110.0	665.0
25	26	BIT Sindri	G	Dhanbad	169.0	139.8	97.0	149.5	101.0	656.2
26	29	Institute of Technology	P	Ahmedabad	143.0	144.2	105.2	142.1	98.5	652.9
27	34	SRM Engineering College	P	Chennai	118.7	121.6	138.0	142.7	110.0	631.1
28	37	Government College of Engineering	G	Amravati	128.0	110.8	117.5	164.8	103.3	624.4
29	33	SVM's NMIMS-Mukesh Patel School of Tech	P	Mumbai	117.0	121.8	130.2	148.6	106.4	624.0
30	Np	Mepco Schlenk Engineering College	P	Sivakasi	135.6	143.1	88.8	161.0	90.9	619.4
31	38	Thiagarajar College of Engineering	G	Madurai	141.6	123.9	118.8	131.5	102.0	617.7
32	31	Chaitanya Bharathi Institute of Technology	P	Hyderabad	126.0	112.3	117.0	155.3	106.7	617.3
33	32	DJ Sanghvi College of Engineering	P	Mumbai	115.0	127.5	102.4	148.6	122.5	615.9
34	42	Rungta College of Engineering And Technology	P	Bhilai	122.0	135.8	105.1	162.3	90.7	615.9
35	35	Guru Nanak Dev Engineering College	G	Ludhiana	140.0	125.5	124.0	132.0	92.7	614.2
36	Np	Zakir Husain College of Engg & Technology	G	Aligarh	129.0	137.3	114.2	131.3	101.0	612.8
37	36	Govt. Model Engineering College	G	Cochin	125.0	116.7	122.0	144.1	101.2	608.9
38	39	MIT College of Engineering	P	Pune	109.1	114.1	98.9	168.1	109.0	599.2
39	44	PES University	P	Bangalore	119.0	122.3	112.4	147.1	95.0	595.8
40	46	KLE Dr MS Sheshgiri College of Engg & Technology	P	Belgaum	136.5	114.4	83.5	168.9	91.9	595.3
41	40	Banarhi Amman Institute of Technology	P	Erode	129.0	130.1	117.6	150.6	67.6	594.9
42	48	Symbiosis Institute of Technology	P	Pune	121.9	145.2	93.1	131.9	102.5	594.5
43	45	BMS Institute of Technology & Management	P	Bangalore	128.0	118.3	100.2	150.0	96.8	593.2
44	45	BMS College of Engineering	P	Bangalore	124.0	124.1	88.5	145.5	110.0	592.1
45	41	Bharati Vidyapeeth University College of Engineering	P	Pune	109.0	132.9	86.0	148.8	115.0	591.8
46	47	Jawaharlal Nehru National College of Engineering	P	Shimoga	132.7	133.8	86.9	153.2	85.2	591.8
47	50	KL University	P	Guntur	116.0	135.6	111.3	150.7	75.0	588.6
48	53	Galgotias College of Engineering And Technology	P	Meerut	127.0	126.4	96.1	145.5	92.4	587.4
49	58	Shri Ramdeobaba College of Engg & Management	P	Nagpur	121.4	122.5	105.6	144.9	90.8	585.2
50	54	Sri Sairam Engineering College	P	Chennai	118.8	134.0	97.0	147.0	88.0	584.8

1. Colleges that submitted complete objective data were ranked. NSIT Delhi, which wanted to participate, but could not submit its latest available data; 2. Govt-aided private institutions have been marked as private; 3. Only institutions offering BE/B.Tech courses



India's Top Professional Colleges 2017

Outlook

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TOP 10 PVT COLLEGES

Rank	Name of the Institute	City	Overall score
1	BITS	Pilani	870.4
2	College of Engineering, Guindy	Chennai	760.7
3	VIT University	Vellore	742.6
4	IIIT	Hyderabad	738.8
5	Manipal Institute of Technology	Manipal	715.2
6	University Institute of Engineering	Chandigarh	710.7
7	PSG College of Technology	Coimbatore	701.2
8	Thapar University	Patiala	689.6
9	MS Ramaiah Institute of Technology	Bangalore	684.3
10	BIT	Ranchi	679.3

PROFESSIONAL COLLEGES

Rankings

TOP 25 MEDICAL COLLEGES

Rank 2017	Rank 2016	Name of the Institute	P: Pvt G: Govt	City	Selection Process (181)	Academics (182)	Personality devp. & exposure (175)	Infrastructure & facilities (206)	Placement (256)	Total Score (1000)
1	1	All India Institute of Medical Sciences (AIIMS)	G	Delhi	186.0	195.1	179.6	176.0	122.0	858.7
2	2	Armed Forces Medical College	G	Pune	195.0	166.4	150.6	181.0	145.0	837.9
3	3	Christian Medical College	P	Vellore	177.0	172.0	156.1	177.5	143.2	825.8
4	4	St. John Medical College	P	Bangalore	152.0	166.0	188.5	176.0	103.0	785.5
5	5	Faculty of Med Sc (King George's Medical University)	G	Lucknow	158.5	164.4	176.5	162.0	113.5	774.9
6	6	JIPMER*	G	Puducherry	162.0	159.9	139.9	162.0	149.3	773.1
7	7	Grant Govt. Medical College & Sir JJ Group of Hospitals	G	Mumbai	152.0	152.2	174.7	163.0	129.0	770.9
8	8	Seth GS Medical College & KEM Hospital	G	Mumbai	168.0	146.5	157.5	157.5	131.3	760.8
9	9	Institute of Medical Sciences	G	Varanasi	167.0	162.5	154.1	157.0	119.7	760.3
10	10	Kasturba Medical College, Manipal	P	Manipal	146.0	155.6	167.5	155.0	124.5	748.6
11	11	Maulana Azad Medical College	G	Delhi	167.0	154.7	142.2	140.0	137.6	741.4
12	12	Bangalore Medical College & Research Institute*	G	Bangalore	152.0	142.5	160.2	153.0	130.3	738.0
13	13	University College of Medical Sciences	G	Delhi	170.0	136.3	126.1	176.0	124.5	733.0
14	15	Amrita School of Medicine	P	Cochin	129.0	154.3	146.6	162.0	118.4	710.3
15	16	Medical College & Hospital, Kolkata*	G	Kolkata	150.0	144.5	115.7	151.5	147.5	709.2
16	17	Osmania Medical College	G	Hyderabad	140.0	147.3	142.0	137.0	125.3	691.6
17	18	Government Medical College	G	Chandigarh	127.5	129.5	132.5	161.0	138.6	689.1
18	20	Gandhi Medical College	G	Secunderabad	132.0	146.5	127.0	154.5	122.1	682.1
19	21	MS Ramaiah Medical College	P	Bangalore	126.8	130.0	151.2	166.0	102.6	676.6
20	23	Kasturba Medical College, Mangalore	P	Mangalore	115.0	148.9	143.4	139.0	119.5	665.7
21	22	KS Hegde Medical Academy	P	Mangalore	83.0	142.9	153.3	160.0	124.5	663.8
22	24	Dayanand Medical College & Hospital	P	Ludhiana	97.0	138.9	136.0	163.0	128.5	663.4
23	25	Jawahar Lal Nehru Medical College	P	Belagavi	107.0	136.4	140.6	152.5	116.5	653.0
24	27	Shri Ram Murti Smarak Institute of Medical Sciences	P	Bareilly	76.0	155.7	129.6	168.0	101.3	630.6
25	26	Maharishi Markandeswar Inst. of Med Sc & Research *	P	Ambala	72.0	148.2	118.7	157.5	123.8	620.2

*Institutes which were interested in participating but could not submit their data have been ranked based on latest data

TOP 20 DENTAL COLLEGES

Rank 2017	Rank 2016	Name of the Institute	P: Pvt G: Govt	City	Selection Process (181)	Academics (182)	Personality devp. & exposure (175)	Infrastructure & facilities (206)	Placement (256)	Total Score (1000)
1	1	Maulana Azad Institute of Dental Sciences	G	Delhi	194.0	175.0	206.9	158.5	158.6	893.0
2	2	Manipal College of Dental Sciences	P	Manipal	165.0	175.3	185.8	160.5	158.6	845.1
3	3	Government Dental College & Hospital	G	Mumbai	166.0	176.0	202.3	142.0	137.1	823.5
4	4	Nair Hospital Dental College*	G	Mumbai	172.0	175.0	178.0	126.0	154.0	805.0
5	5	Government Dental College & Research Institute	G	Bangalore	181.0	163.0	176.3	135.0	140.0	795.3
6	6	Faculty of Dental Sciences, King George's Med University	G	Lucknow	144.0	160.0	177.0	163.0	144.3	788.3
7	7	Christian Dental College	P	Ludhiana	172.0	164.0	159.5	148.5	131.4	775.4
8	10	SDM College of Dental Sciences	P	Dharwad	155.0	160.0	185.3	134.5	137.1	772.0
9	9	Post-Graduate Institute of Dental Science	G	Rohtak	158.0	162.0	167.3	137.0	147.1	771.4
10	8	Dr R Ahmed Dental College & Hospital	G	Calcutta	181.0	155.0	166.9	132.0	135.7	770.6
11	11	Sri Ramachandra University	P	Chennai	132.0	148.0	178.8	149.5	155.7	764.0
12	13	Manipal College of Dental Sciences	P	Mangalore	135.0	156.0	177.8	144.0	127.6	760.0
13	14	Faculty of Dental Sciences, MS Ramaiah Medical College	G	Bangalore	135.0	151.0	169.2	151.0	140.0	746.2
14	15	SRM Dental College	P	Chennai	145.0	150.8	167.3	154.0	128.6	745.7
15	12	Bapuji Dental College & Hospital	P	Davangere	142.0	140.0	176.9	145.5	130.0	734.4
16	16	Faculty of Dental Sciences BHU*	P	Varanasi	150.0	147.0	162.0	142.0	130.0	731.0
17	24	AB Shetty Memorial Institute of Dental Science	P	Mangalore	139.0	135.0	158.7	153.5	131.4	717.7
18	20	College of Dental Sciences	P	Davangere	150.0	160.0	164.8	122.0	120.0	716.8
19	19	Government Dental College & Hospital	G	Aurangabad	156.0	141.0	160.7	118.0	128.6	704.3
20	21	Coorg Institute of Dental Sciences	P	Coorg	143.0	157.0	163.3	116.0	124.3	703.6

1. The ranking was done only for institutes that submitted complete objective data on time. Institutes which did not submit their data were not considered; 2. Only institutions offering MBBS/BDS courses (approved/affiliated) and a minimum of three passed-out batches by 2017 have been ranked; and 3. It may be noted that the arithmetic total of the figures may not match the total figure due to rounding-off. NR: Not Ranked



TOP 15 HOTEL MANAGEMENT

Rank 2017	Rank 2016	Name of the Institute	P: Pvt G: Govt	City	Selection Process (181)	Academics (182)	Personality devp. & exposure (195)	Infrastructure & facilities (206)	Placement (256)	Total Score (1000)
1	1	Institute of Hotel Management, Catering & Nutrition, Pusa	G	Delhi	90.0	166.0	200.0	157.5	292.0	905.5
2	3	Wekomgroup Graduate School of Hotel Administration	P	Manipal	90.0	164.0	210.0	155.0	252.0	871.0
3	4	Institute of Hotel Management, Catering Technology & Applied Nutrition	G	Chennai	85.0	168.0	200.0	142.8	247.5	843.3
4	2	Institute of Hotel Management, Catering Technology & Applied Nutrition	G	Mumbai	90.0	158.0	210.0	142.5	242.0	842.5
5	5	Institute of Hotel Management, Catering Technology & Applied Nutrition	G	Hyderabad	95.0	153.0	182.5	133.5	259.0	823.0
6	7	Army Institute of Hotel Management & Catering Technology	P	Bangalore	62.0	156.5	195.0	145.0	255.0	815.5
7	6	Department of Hotel Management, Christ University*	P	Bangalore	67.0	161.5	185.0	145.5	251.5	810.5
8	9	Banaridas Chandiwala Institute of Hotel Management & Catering Tech.	P	Delhi	56.0	159.5	200.0	150.5	222.0	788.0
9	8	Institute of Hotel Management, Catering Technology & Applied Nutrition	G	Gwalior	85.0	151.5	160.0	137.5	252.5	786.5
10	10	NSHM School of Hotel Management	P	Durgapur	52.0	165.0	170.0	152.5	235.0	774.5
11	NP	Institute of Hotel Management, Catering Technology & Applied Nutrition	G	Dehradun	80.0	134.5	162.5	137.5	259.5	774.0
12	14	OY Patil School of Hospitality & Tourism Studies	P	Navi Mumbai	80.0	117.5	200.0	122.0	250.0	769.5
13	11	Rizvi College of Hotel Management	P	Mumbai	80.0	136.0	172.5	125.0	255.0	768.5
14	13	T John College	P	Bangalore	83.0	132.5	175.0	140.0	237.0	767.5
15	15	International Institute of Hotel Management	P	Calcutta	46.0	146.0	192.5	132.5	248.0	765.0

TOP 10 MASS COMM

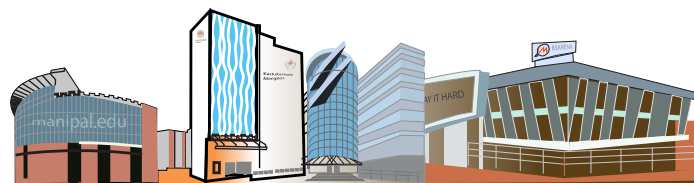
Rank 2017	Rank 2016	Name of the Institute	P: Pvt G: Govt	City	Selection Process (188)	Academics (206)	Personality Devp. & Exposure (194)	Infrastructure (244)	Placements (168)	Overall (1000)
1	1	AJ Kidwai MCRC, Jamia Millia Islamia	G	Delhi	168.0	176.0	177.0	221.0	143.0	895.0
2	2	Symbiosis Institute of Media & Communication	P	Pune	167.0	169.0	148.0	238.0	139.5	861.5
3	3	Xavier Institute of Communications	P	Mumbai	183.0	161.0	148.0	182.0	150.0	824.0
4	4	Dept. of Communication, University of Hyderabad	P	Hyderabad	160.0	180.8	147.0	208.0	122.5	818.3
5	5	Indian Institute of Journalism & New Media	P	Bangalore	135.0	144.0	155.0	207.0	129.0	770.0
6	6	School of Communication	P	Manipal	129.0	152.0	153.0	199.5	136.0	769.5
7	7	Social Communications Media Department, SCM Sophia	P	Mumbai	170.0	145.0	137.0	183.5	126.0	761.5
8	8	Manorama School of Communication	P	Kottayam	130.0	164.0	108.0	195.5	132.0	729.5
9	9	Amity School of Communication	P	Noida	125.0	153.0	133.0	205.0	122.0	738.0
10	11	Institute of Management Studies Noida	P	Kolkata	124.0	141.0	127.0	199.5	130.5	722.0

TOP 15 ARCHITECTURE

Rank 2017	Rank 2016	Name of the Institute	P: Pvt G: Govt	City	Selection Process (204)	Academics (275)	Personality Devp & Intl Interface (175)	Infrastructure (165)	Placements (181)	TOTAL (1000)
1	1	Sir JJ College of Architecture	G	Mumbai	204.0	247.0	136.0	145.0	155.0	887.0
2	2	School of Planning & Architecture	G	New Delhi	184.0	247.0	141.0	134.9	165.0	871.9
3	3	Department of Architecture & Planning	G	Roorkee	182.0	240.0	140.0	150.0	141.5	853.5
4	4	Chandigarh College of Architecture	G	Chandigarh	184.0	238.0	141.0	139.5	136.0	838.5
5	6	Department of Architecture, NIT Kozhikode	G	Kozhikode	184.0	223.5	137.0	144.1	126.5	815.1
6	7	Faculty of Architecture & Ekistics (Jamia Millia Islamia)	G	New Delhi	144.0	229.0	142.0	151.0	144.5	810.5
7	NP	JNAFAU School of Planning & Architecture	G	Hyderabad	204.0	219.5	103.0	129.4	149.5	805.4
8	8	Sushant School of Art & Architecture	P	Gurgaon	139.9	212.0	135.0	142.0	133.5	762.4
9	NP	School of Planning & Architecture	G	Bhopal	139.0	216.0	142.0	128.32	130.0	755.3
10	9	Faculty of Architecture, MIT (Manipal Inst. of Tech.)	P	Manipal	137.0	196.5	170.0	132.5	114.5	689.5
11	12	Department of Architecture (BMS College of Engg.)	P	Bangalore	134.0	186.5	116.0	95.1	104.0	635.6
12	11	RV College of Architecture	P	Bangalore	100.0	191.0	107.0	109.8	121.5	629.3
13	13	Integral University	P	Lucknow	116.0	158.5	122.0	122.3	107.0	625.8
14	14	Dr KN Modi University (School of Architecture)	P	Newai	143.6	138.0	104.0	142.0	75.0	602.6
15	15	Amity School of Architecture & Planning	P	Noida	125.4	162.0	84.0	87.4	113.5	572.3

XVII

University Teaching Hospitals



Hospital Statistics

Name of the Hospital	Bed Strength
Kasturba Hospital, Manipal & Shirdi Sai Baba Cancer Hospital, Manipal	2,032
Dr TMA Pai Hospital, Udupi	200
Dr TMA Pai Rotary Hospital, Karkala	80
KMC Hospital, Ambedkar Circle, Mangalore	324
KMC Hospital, Attavar, Manglore	610
Manipal Hospital, Bengaluru	600



Kasturba Hospital, Manipal



Dr T M A Pai Hospital, Udupi



Dr TMA Pai Rotary Hospital, Karkala



KMC Hospital Ambedkar Circle, Mangalore



KMC Hospital, Attavar, Manglore



Manipal Hospital, Bengaluru

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