

प्रज्ञानं ब्रह्म



Manipal

INSPIRED BY LIFE

# Annual Quality Assurance Report (AQAR)

**2014 -15**

**Faculty of Architecture, MIT**



Submitted to

**Manipal Academy of Higher Education**

Manipal 576104, Karnataka

# VISION

To mold Past Sensitive, Present Perfect, Future Ready Designers and to be the preferred design destination by virtue of its Values, Processes and Resources.

# MISSION

To develop Proficiency, Innovation and Sensitiveness with our Four Point Philosophy-

- Sustainable & Sensitive Practices in Design
- Regional Values and Global Essence
- People-Centric Design
- Profession Oriented Education & Training

# VALUES

Building upon MU values of Integrity, Transparency, Quality, Team work, Execution and Passion, Humane touch the institute stimulates and strengthens the values of

- Attitude
- Knowledge
- Skills
- Accountability
- Responsibility

# Annual Quality Assurance Report (AQAR) in Accredited Institutions (Revised in October)



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद्

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

*An Autonomous Institution of the University Grants Commission*

P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, Bangalore - 560 072 India

**(Please Note: AQAR is to be prepared for the Academic Year i.e., from July to June. You are requested to prepare 2 separate reports for the academic years 2013-14 & 2014-15 respectively)**

## **The Annual Quality Assurance Report (AQAR) of the IQAC**

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. (Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)

### **Part – A**

**AQAR for the year**

2014-15

### **I. Details of the Institution**

1.1 Name of the Institution

FACULTY OF ARCHITECTURE

1.2 Address Line 1

ACADEMIC BLOCK 2

Address Line 2

MIT CAMPUS

City/Town

MANIPAL

State

KARNATAKA

Pin Code

576104

Institution e-mail address

office.msap@manipal.edu

Contact Nos.

08202924111, 08202924119

Name of the Head of the Institution:

PROF. NISHANT H. MANAPURE

Tel. No. with STD Code:

Mobile:

Name of the IQAC Co-ordinator:

Mobile:

IQAC e-mail address:

1.5 Website address:

Web-link of the AQAR:

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

#### 1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle				
2	2 <sup>nd</sup> Cycle				
3	3 <sup>rd</sup> Cycle				
4	4 <sup>th</sup> Cycle				

1.7 Date of Establishment of IQAC : DD/MM/YYYY

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011)

- i. AQAR \_\_\_\_\_ (DD/MM/YYYY)4
- ii. AQAR \_\_\_\_\_ (DD/MM/YYYY)
- iii. AQAR \_\_\_\_\_ (DD/MM/YYYY)
- iv. AQAR \_\_\_\_\_ (DD/MM/YYYY)

1.9 Institutional Status

University State  Central  Deemed  Private

Affiliated College Yes  No

Constituent College Yes  No

Autonomous college of UGC Yes  No

Regulatory Agency approved Institution Yes  No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education  Men  Women

Urban  Rural  Tribal

Financial Status Grant-in-aid  UGC 2(f)  UGC 12B

Grant-in-aid + Self Financing  Totally Self-financing

1.10 Type of Faculty/Programme

Arts  Science  Commerce  Law  PEI (Phys Edu)

TEI (Edu)  Engineering  Health Science  Management

Others (Specify)

1.11 Name of the Affiliating University (for the Colleges)

1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

University with Potential for Excellence  UGC-CPE

DST Star Scheme	<input type="text"/>	UGC-CE	<input type="text"/>
UGC-Special Assistance Programme	<input type="text"/>	DST-FIST	<input type="text"/>
UGC-Innovative PG programmes	<input type="text"/>	Any other ( <i>Specify</i> )	<input type="text"/>
UGC-COP Programmes	<input type="text"/>		

## **2. IQAC Composition and Activities**

2.1 No. of Teachers	<input type="text" value="6"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="1"/>
2.3 No. of students	<input type="text" value="2"/>
2.4 No. of Management representatives	<input type="text" value="1"/>
2.5 No. of Alumni	<input type="text" value="2"/>
2.6 No. of any other stakeholder and community representatives	<input type="text" value="Nil"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="2"/>
2.8 No. of other External Experts	<input type="text" value="1"/>
2.9 Total No. of members	<input type="text" value="15"/>
2.10 No. of IQAC meetings held	<input type="text" value="2"/>

2.11 No. of meetings with various stakeholders: No.  Faculty   
 Non-Teaching Staff  Students  Alumni  Others

2.12 Has IQAC received any funding from UGC during the year? Yes  No

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos.  International  National  State  Institution Level

(ii) Themes

2.14 Significant Activities and contributions made by IQAC

- Internal quality audits – once in every six months.
- Preparing Annual Quality Assurance Report
- Introduced innovative methods in teaching, learning and evaluation.
- Enhancement in teaching, learning and evaluation work.
- Interactive Sessional.
- Hands-On Training Workshops for faculty & students.
- Encouraging extra-curricular activities (sports & cultural).

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year \*

Plan of Action	Achievements
Syllabus upgradation, New courses, industry interface	Revision done; approval taken from the BOS & senate, and implemented from 2014 July onwards

\* Attach the Academic Calendar of the year as Annexure.



2.15 Whether the AQAR was placed in statutory body    
 Yes No

Management  Syndicate  Any other body

Provide the details of the action taken

After careful investigation of AQAR, the IQAC advised to rectify all the shortcomings in the forthcoming academic year.

## Part – B

### Criterion – I

#### I. Curricular Aspects

##### 1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	1	Nil	All programmes are self-financing programmes	NA
PG	1	2		
UG	3	Nil		
PG Diploma	Nil	Nil		
Advanced Diploma	Nil	Nil		
Diploma	Nil	Nil		
Certificate	1	Nil		
Others	Nil	Nil		
<b>Total</b>	5	2		
Interdisciplinary	Nil	Nil	Nil	Nil
Innovative	Nil	Nil	Nil	Nil

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options:

Core subjects with number of electives

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	✓
Trimester	
Annual	

1.3 Feedback from stakeholders\* Alumni  Parents  Employers  Students   
*(On all aspects)*

Mode of feedback : Online  Manual  Co-operating schools (for PEI)

*\*Please provide an analysis of the feedback in the Annexure*

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

The entire syllabus has been revised, implemented and effective from July 2014

1.5 Any new Department/Centre introduced during the year. If yes, give details.

Two new PG programmes started in academic year 2014-2015

- M. Arch (Urban Design & Development)

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
56	39	10	07	Nil

2.2 No. of permanent faculty with Ph.D.

04

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
25	25	2	12	0	3	Nil	Nil	27	40

2.4 No. of Guest and Visiting faculty and Temporary faculty

14

28

Nil

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	3	1	0
Presented papers	4	1	0
Resource Persons	1	0	2

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- Integrated teaching methods
- Live labs
- Hands on training Workshops
- Interaction with industry experts and alumni
- guest lectures
- group discussions & studies
- study tours/case studies as course requirement

2.7 Total No. of actual teaching days during this academic year

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

- Continuous performance evaluation for Internal Assessment
- Double Valuation – End Semester Examination
- Online Screen Marking

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

2.10 Average percentage of attendance of students

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B. Arch	71	15	63	15	Nil	Nil
M. Arch (Full Time)	10	30	60	Nil	Nil	Nil

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

The conductance of classes as per the course plan/lesson plan are monitored by the class committee chairpersons (CCC) who report to the Academic Co-ordinator, and to the Director.

- Improvement in academic quality
- Monitoring academic process
- Enhancing academic and industrial interaction
- Initiatives of newer teaching methods
- Interaction with alumni for academic purposes.

- Hands on workshops
- Total Quality Management practice to improve academic standards

### 2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	Nil
UGC - Faculty Improvement Programme (QIP – NIASA)	02
HRD programmes	69
Orientation programmes	Nil
Faculty exchange programme	Nil
Staff training conducted by the university	4
Staff training conducted by other institutions	01
Workshops,	01
Others	Nil

### 2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	15	0	0	0
Technical Staff	02	0	0	0

## Criterion – III

### 3. Research, Consultancy and Extension

#### 3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

1. Incentives for publications as per Manipal Research Incentive Policy.
2. Monetary and special casual leave for attending National/ International Conferences, Seminars/Workshops .
3. Promotions and academic responsibilities based on research output.
4. Intra Mural Funding through seed money and Dr. TMA Pai Endowment Chair from the University.

#### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	01	02	00	01
Outlay in Rs. Lakhs	29	Nil	Nil	Nil

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	Nil	Nil	Nil	Nil
Outlay in Rs. Lakhs	Nil	Nil	Nil	Nil

3.4 Details on research publications

	International	National	Others
Peer Review Journals	3	11	Nil
Non-Peer Review Journals	Nil	Nil	Nil
e-Journals	Nil	Nil	Nil
Conference proceedings	Nil	Nil	00

3.5 Details on Impact factor of publications:

Range  Average  h-index  Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	Nil	Nil	Nil	Nil
Minor Projects	Nil	Nil	Nil	Nil
Interdisciplinary Projects	Nil	Nil	Nil	Nil
Industry sponsored	Nil	Nil	Nil	Nil
Projects sponsored by the University/ College	Nil	Nil	Nil	Nil
Students research projects <i>(other than compulsory by the University)</i>	Nil	Nil	Nil	Nil
Any other(Specify)	Nil	Nil	Nil	Nil
Total	Nil	Nil	Nil	Nil

3.7 No. of books published i) With ISBN No.  Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP  CAS  DST-FIST   
DPE  DBT Scheme/funds

3.9 For colleges  
Autonomy  CPE  DBT Star Scheme   
INSPIRE  CE  Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences  
organized by the Institution

Level	International	National	State	University	College
Number	Nil	Nil	Nil	Nil	Nil
Sponsoring agencies	Nil	Nil	Nil	Nil	Nil

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations International  National  Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs:

From Funding agency  From Management of University/College

Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	Nil
	Granted	Nil
International	Applied	Nil
	Granted	Nil
Commercialised	Applied	Nil
	Granted	Nil

3.17 No. of research awards/ recognitions received by faculty and research fellows  
Of the institute in the year

Total	International	National	State	University	Dist	College
02	Nil	Nil	Nil	02	Nil	Nil

3.18 No. of faculty from the Institution who are Ph. D. Guides and students registered under them

3.19 No. of Ph.D. awarded by faculty from the Institution

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones): Nil

JRF  SRF  Project Fellows  Any other

3.21 No. of students Participated in NSS events:

University level  State level   
National level  International level

3.22 No. of students participated in NCC events:

University level  State level   
National level  International level

3.23 No. of Awards won in NSS:

University level  State level   
National level  International level

3.24 No. of Awards won in NCC:

University level  State level   
National level  International level

3.25 No. of Extension activities organized

University forum  College forum   
NCC  NSS  Any other

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

Sensitivity towards the society by extending hands special children in & around Manipal. Social re-union for the specially abled and mentally challenged children.

Local community interaction through live studio projects based in the neighbourhood.

## Criterion – IV

### 4. Infrastructure and Learning Resources

#### 4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	2428114.00 Sq.m.	Nil	MAHE	Part of MIT Campus
Class rooms	3001 Sq.m. (27 Nos.)	Nil	MAHE	Nil
Laboratories	358 Sq.m. (3 Nos.)	Nil	MAHE	Nil
Seminar Halls	100 Sq.m. (1 Nos.)	Nil	MAHE	Nil
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	CCTV cameras – 2 Panasonic digital board, installation – 1 LCD projectors - 3 Sewing machines & Safety stitch machines - nos.	7	MAHE	Nil
Value of the equipment purchased during the year (Rs. in Lakhs)	Rs. 8,05,000	Nil	Nil	Nil
Others	Nil	Nil	Nil	Nil

#### 4.2 Computerization of administration and library

- Employee leave application
- Student Information System
- On Screen Marking for End Semester Evaluation
- Details of employee service
- Online data base, e-journals

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	4955		213	7,10,373.00	5170	
Reference Books			2	14,015.00		
e-Books	220		Nil	Nil	Nil	
Journals						
e-Journals	370					



#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	68	58	Nil	Nil	Nil	10	Nil	12
Added	Nil	Nil	Nil	Nil	Nil	Nil	Nil	1
Total	68	58	Nil	Nil	Nil	Nil	Nil	13

Note : All faculty & students are provided with individual laptops

#### 4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

<ul style="list-style-type: none"><li>▪ Software – demonstration &amp; training to students &amp; faculty</li><li>▪ SIS demonstration to faculty and staff</li><li>▪ Computer skills training for office staff</li></ul>
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#### 4.6 Amount spent on maintenance in lakhs :

i) ICT	Rs. 1.46 Lakhs
ii) Campus Infrastructure and facilities	Nil
iii) Equipments	Nil
iv) Others	Nil
<b>Total :</b>	Rs. 1.46 Lakhs

## Criterion – V

### 5. Student Support and Progression

#### 5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Teacher guardian system for monitoring the progress of the student in attendance, studies and extracurricular activities and provide necessary counselling and support.
- Various committee for students – Anti-ragging, condemnation, disciplinary & grievances and redressal committee
- Student feedback
- Complaint/Suggestion box
- Student Information System for maintaining student records
- Student counselling
- Co-curricular activities
- Student exposure to various forums
- Training and placement of final year Students in reputed companies for practical training.
- Guest lecture by alumni and experts from industry.
- Educational tours

#### 5.2 Efforts made by the institution for tracking the progression

- Student Information System
- Class committee meetings
- BOS, Employer feedback of training batch

#### 5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
726	24	5	-

#### (b) No. of students outside the state

556
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#### (c) No. of international students

9
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Men	No	%	Women	No	%
	311	41		444	59

No	%
444	59

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total

Demand ratio - 1: 9 (Seat : Applications received)

Dropout 3 %

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

-

No. of students beneficiaries

5.5 No. of students qualified in these examinations

NET  SET/SLET  GATE  CAT   
 IAS/IPS etc  State PSC  UPSC  Others

5.6 Details of student counselling and career guidance

Student counselling: All students with poor performance are counselled by subject teacher/ teacher guardians/class committee co-ordinators and if necessary by Director, and by student Counsellor, MAHE. Also, students with other personal problems who require counselling are taken care by University student counsellor.  
 Career guidance: Career guidance through Training & Placement cell.

No. of students benefitted

5.7 Details of campus placement

		<i>On campus</i>	<i>Off Campus</i>
Number of Organizations Visited (involved)	Number of Students Participated	Number of Students Placed	Number of Students Placed
87	71	Nil	71

Note: The final year UG students undergo internship for two semester in reputed firms in India and Abroad. Majority of these students get employed in the same firm after completion of degree.

5.8 Details of gender sensitization programmes

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level  National level  International level

No. of students participated in cultural events

State/ University level  National level  International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level  National level  International level

Cultural: State/ University level  National level  International level

5.10 Scholarships and Financial Support

	Number of Students	Amount
Financial support from institution (University)	45	Rs.20,68,759
Financial support from government	Nil	Nil
Financial support from other sources	Nil	Nil
Number of students who received International/ National recognitions	Nil	Nil

5.11 Student organised / initiatives

Fairs : State/ University level  National level  International level

Exhibition: State/ University level  National level  International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed: \_\_\_\_\_ Nil \_\_\_\_\_

## Criterion – VI

### 6. Governance, Leadership and Management

#### 6.1 State the Vision and Mission of the institution

<p><b>VISION</b> To mold Past Sensitive, Present Perfect, Future Ready Designers and to be the preferred design destination by virtue of its Values, Processes and Resources.</p> <p><b>MISSION</b> To develop Proficiency, Innovation and Sensitiveness with our Four Point Philosophy-</p> <ul style="list-style-type: none"><li>•Sustainable &amp; Sensitive Practices in Design</li><li>•Regional Values and Global Essence</li><li>•People-Centric Design</li><li>•Profession Oriented Education &amp; Training</li></ul> <p><b>VALUES</b> Building upon University values of Integrity, Transparency, Quality, Team work, Execution and Passion, Humane touch the institute stimulates and strengthens the values of –</p> <ul style="list-style-type: none"><li>•Attitude</li><li>• Knowledge</li><li>• Skills</li><li>• Accountability</li><li>• Responsibility</li></ul> <p><b>ASPIRATION</b> With an intense Vision and Mission to flourish, the Institute aspires -</p> <ul style="list-style-type: none"><li>• To mature into a multi-dimensional global center of <b>DESIGN EXCELLENCE</b></li><li>• To establish essential attributes of inter-professional <b>DESIGN SYNERGY</b></li><li>• To develop relevant intellectual opportunities for <b>DESIGN EXPLORATION</b></li><li>• To contribute to nation building through <b>DESIGN ENRICHMENT</b></li></ul>
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#### 6.2 Does the Institution has a management Information System

Yes
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#### 6.3 Quality improvement strategies adopted by the institution for each of the following:

##### 6.3.1 Curriculum Development

<ul style="list-style-type: none"><li>• Feedback from Alumni, Industry and Employers in curriculum development.</li><li>• Board of Studies</li></ul>
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### 6.3.2 Teaching and Learning

Industry-academia interface for practical knowledge, Integrated learning system, innovative teaching methods, hands on workshops, field trips, case studies, study tours, interaction with alumni, guest lectures.

### 6.3.3 Examination and Evaluation

- Progressive evaluation
- Evaluation Systems by employers/industry experts/alumni to measure the overall effectiveness of the students work
- Double Valuation of End Semester Examination

### 6.3.4 Research and Development

- Awareness programmes on research
- Interaction with national & Internal Universities
- Consultancy projects

### 6.3.5 Library, ICT and physical infrastructure / instrumentation

- Online data bases
- E-journal

### 6.3.6 Human Resource Management

Faculty development programmes, QIPs, Environmental Awareness programmes, training & workshops, Personality Development programmes. MIS Training programmes for non- teaching staff, Hands on job training.

### 6.3.7 Faculty and Staff recruitment

As per COA & University policy

### 6.3.8 Industry Interaction / Collaboration

Eminent and established practitioners in the field of architecture, interior design and fashion design from various parts of the country were invited to interact and have extensive individual discussions with students during various academic related activities (studio projects, thesis, dissertation, viva-voce examinations) conducted at various times in the academic year:

- Ar. Satish Desai, Ecumene Habitat Solutions Pvt. Ltd., Bangalore
- Ar. Deepta Satish, Dean, Srishti School of Design & Technology, Bangalore
- Ar. Ramani Hande, Ace Technocrats Pvt. Ltd., Udupi
- Dr. Harimohan Pillai, Thrissur, Kerala

- Prof. V. Ramprasad, Professor, Department of Architecture, NIT Trichy
  - Mr. Gopal Bhat, Structural Consultant, A G Associates, Udupi
  - Dr. Rama Subrahmanian, Professor & Head, Dept. of Architecture, Dayanandsagar College of Engineering, Bangalore
  - Ar. Om Prakash Bawane, Bangalore
  - Dr. Ashish K Rege, Professor & Principal, Goa College of Architecture, Panaji
  - Dr. P P Anil Kumar, Professor and Head, Dept. of Architecture, NIT Calicut
  - Ar. Girish Karnavat, Mangalore
  - Dr. Naseer M A, Professor, Dept. of Architecture, NIT Calicut
  - Mr. Deekshith Raj, Tangent Design Bureau, Mangalore
  - Ms. Namrutha Kamath, Mummy and Me Ladies Boutique, Udupi
  - Ms. Sonia Hegde, Mangalore
  - Mr. Krishna Salian, Fashion Designer, City Girls Boutique, Udupi
  - Ms. Shanthi Weronika Mohan, Fashion Designer, Wokhaal Boutique, Mangalore
  - Prof. Satyaprakash Varanasi, Sathya Consultants, Bangalore
  - Ar. Anand V M, Principal Architect, Anand & Associates, Bangalore
  - Ar. Laxminarayana Bhat, Parinath Associates, Udupi
  - Ar. Miji Mathew, Mangalore
- Twelve students of B.Arch. course attended the workshop by Biome Environmental Solution Pvt. Ltd at Bangalore on July 27 to August 2, 2014.
- Somany Ceramics Ltd., Mumbai organised lectures entitled “Flooring Technology and its Dynamics” for students on 26th August 2014.
- Shri. Tushar Mawale, General Manager – Urban Planning, Reliance NMSEZ, Navi Mumbai conducted intensive seminars for PG students of Urban Design & Development at FOA on 26<sup>th</sup> and 27<sup>th</sup> September 2014.
- Mr. Ravi Kakkar, Retd. Chief Architect, CPWD & Urban Design Consultant conducted seminar for PG students at FOA as part of Urban Design Studio on 30<sup>th</sup> September and 1<sup>st</sup> October 2014.
- Shri. Tanduvishwar, Vice President, Prestige Constructions, Bangalore conducted seminars at FOA for PG students in their Urban Design Studio and Sustainable Practices Studio, and for V Semester B. Arch. students on provision of building services in mixed use buildings, on 23<sup>rd</sup>, 24<sup>th</sup> and 25<sup>th</sup> September 2014.
- Mr. Harshad Bhatia, Senior Urban Design consultant & Academician conducted seminar at FOA for PG students on Urban Design & Development Theory on 9<sup>th</sup> and 10<sup>th</sup> October 2014.
- Mr. Saurab Popli, Professor at SPA Bhopal & Practicing Landscape Architect conducted seminars for PG students as part of Research Methods, Site Planning and Urban Design Studios 23<sup>rd</sup> and 24<sup>th</sup> October 2014 at FOA.
- Ar. Mili Majumdar, Director, Sustainable Habitat Division, TERI was invited to conduct a seminar for Third Year students on Green Building rating systems.

- Dr. Naseer M A, Professor at Department of Architecture, NIT Calicut gave a lecture for PG students on Transportation Facility Design on 31<sup>st</sup> October 2014 at FOA.
- Dr. K Mohan, Senior Professor at GITAM School of Architecture, Visakhapatnam conducted seminars for PG students on Research Methods, Urban Design Studio and Contemporary Architecture from 10<sup>th</sup> to 12<sup>th</sup> November 2014 at FOA.
- Shri. Tanduveshwar, Senior Vice President, Prestige Constructions, Bangalore gave a guest lecture for PG students on 18<sup>th</sup> and 19<sup>th</sup> March 2015 at FOA.
- Dr. Naseer M A, Professor & Head, Department of Architecture, NIT Calicut gave a guest lecture for the students on 28<sup>th</sup> March 2015 at FOA.
- Mr. Sandeep Joshi, CMD, Wheel of Innovation, Pune gave a guest lecture for the students on 27<sup>th</sup> March 2015 at FOA.
- Mr. Shankar Pal, Deputy General Manager, I/c Architecture and Planning, MENCON Ltd. Gave a guest lecture on 2<sup>nd</sup> April 2015 at FOA
- Ar. PVK Rameshwar, Shilanyas Design Consultants, Ahmedabad gave a guest lecture for students on 24<sup>th</sup> and 25<sup>th</sup> April 2015 at FOA.

#### 6.3.9 Admission of Students

Admission based on qualifying examination – NATA (National Aptitude Test for Architecture) as per Regulatory Body norms (Council of Architecture)

#### 6.4 Welfare schemes for

Teaching	Medicare facilities, Group insurance, PF & Pension Schemes, Gratuity, Scholarships for children, School Fee reimbursement, LTC, Conference facilities, Research Incentives, Staff Utsav, sports etc
Non teaching	Medicare facilities, Group insurance, PF & Pension Schemes, Gratuity, Scholarships for children, School Fee reimbursement, ESI, , Staff Utsav, sports etc
Students	Medicare facilities, Scholarships

#### 6.5 Total corpus fund generated

Nil

#### 6.6 Whether annual financial audit has been done

Yes

✓

No



6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	TUV Rheinland Pvt Ltd., Bangalore	Yes	MAHE
Administrative	Yes	TUV Rheinland Pvt Ltd., Bangalore	Yes	MAHE

6.8 Does the University/ Autonomous College declare results within 30 days?

For UG Programmes      Yes       No

For PG Programmes      Yes       No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

Efforts have been made to speed up the valuation process by introducing online screen marking system

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

NA

6.11 Activities and support from the Alumni Association

- Distinguished Alumnus and Practicing Architect Mr. Alex Jacob from Bangalore presided over the Orientation function on 26<sup>th</sup> July 2014 as Guest of Honour and expressed the importance and future scope in Architecture profession to the new admission batch students.
- Ar. Alex Jacob conducted an interactive workshop for the Third Year B. Arch. students at FOA on the design of mixed-use buildings on 26<sup>th</sup> July 2014.
- Eminent and established practitioners in the field of architecture, interior design and fashion design from various parts of the country were invited to interact and have extensive individual discussions with students during various academic related activities (studio projects, thesis, dissertation, viva-voce examinations) conducted at various times in the academic year:
  - Ar. Mohammed Nissar, Abuilding Lab, Mangalore
  - Ar. Rohit Menon, Bangalore
  - Ar. Vijay Anand, Madurai
  - Ar. A. S. Premlal, JLP Architects, Kochi, Kerala
  - Ar. Vasudevan R Kadalayil, Director and Principal Architect, Ecumene Habitat Solutions Pvt. Ltd., Bangalore
  - Ar. Prajosh Kumar, "Options", Mangalore
  - Ar. Sunil Nayak, Sunil Nayak Architects, Mysore
  - Ar. Venkatesh Rao, Keystone Architects, Bangalore

- Ar. Ajay Appachu, Synectics Partners, Bangalore
- Ar. Sanjay Balan, Director - Design and Projects, RSP Design Consultants (India) Pvt. Ltd., Bangalore
- Ar. Vinod Cyriac, SPACE A.R.T., Kozhikode, Kerala
- Ar. Vijay Upadhyay B, Bangalore
- Ar. Sudhir Acharya, Hastha Constructions, Bangalore
- Ar. Dhanprakash, Abuilding Lab, Mangalore
- Ar. Sadanand Nayak, Architecture Plus, Mangalore
- Ar. Kanchana Pai, Red Earth, Manipal
- Ar. Arun Prasad, Arun Prasad and Associates, Architects and Planners, Coimbatore, Tamil Nadu
- Ar. Amith Shenoy, Amith Associates, Udupi
- Ar. Asif Mohammed, Mangalore
- Ar. Colin Pinto, Concept Evolve, Mangalore
- Ar. Ashok L P Mendonca, Mendonca Associates, Mangalore
- Ar. Deepak L A D'Souza, Architectural Consultant, General Corporation, Mangalore

The following Architectural firms headed by our alumni who have excelled in their professional practice have given our students the opportunity to do their internship with them:

- Abuilding Lab Architects, Mangalore – Ar. Mohammed Nissar & Ar. Dhanprakash
- Stapati Architecture, Planning and Interiors, Bangalore – Ar. Tony Joseph
- Alex Jacob Architects, Bangalore – Ar. Alex Jacob
- Guulshan Roy Architects, Mangalore – Ar. Guulshan Roy
- Amith Associates, Udupi – Ar. Amith Shenoy
- Ecumene Habitat Solutions Pvt. Ltd., Bangalore – Ar. Satish Desai & Ar. Vasudevan R Kadalayil
- Space A.R.T Architecture, Calicut, Kerala – Ar. Vinod Cyriac
- Mendonca Associates, Mangalore – Ar. Ashok Mendonca
- Synectics Partners, Bangalore – Ar. Ajay Appachu
- Gayathri & Namath Associates, Bangalore – Ar. Namith Varma
- J & I Architects, Kochi, Kerala – Ar. Joseph John

#### 6.12 Activities and support from the Parent – Teacher Association

NA
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#### 6.13 Development programmes for support staff

Training session on Student Information System (SIS), communication skill and computer skills.
------------------------------------------------------------------------------------------------

#### 6.14 Initiatives taken by the institution to make the campus eco-friendly

- |                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>▪ Environmental Awareness programmes.</li> <li>▪ Planting trees.</li> <li>▪ Reduction of paper consumption.</li> <li>▪ Recycled and reuse of material for academic related works.</li> </ul> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Criterion – VII

### 7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

Innovative approaches have been introduced & practiced in teaching, learning, evaluation and administration system:

- Participatory learning process
- Inter professional interaction
- Factual situations
- Transparency
- Flexible academic scheduling
- Mentoring faculty & Students
- Decentralization
- Holistic development

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

Various measures have been taken for implementation.

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

- Student Information System has been conceived to meet the information needs of the students/parents of MAHE.
- One to one interactions between students and faculty
- Holistic Enrichment & Professional Preparedness
- Team Building & Leadership Qualities
- Social Sensitivity & Community Enrichment
- Research is a part of curriculum for the final year UG and PG students.
- Provision of study leave for faculty members to pursue PhD.
- Involvement of students and faculty in live projects.
- Flexibility in the system for student to pursue academic developmental activities in India and abroad.
- Merit based admission system

*\*Provide the details in annexure (annexure need to be numbered as i, ii,iii)*

7.4 Contribution to environmental awareness / protection

Subjects like Environmental studies, Sustainability studies, Conservation architecture, and Landscape architecture are integral part of curriculum

7.5 Whether environmental audit was conducted?

Yes

No

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

**STRENGTH**

- Professional & practical exposure.
- Evolved academic processes.
- Cosmopolitan cohort of students & faculty.
- Multiple disciplines within University.
- Good infrastructure & facilities for academic excellence.

**WEAKNESSES**

- Inadequate senior faculty for architecture.
- Less availability of working professionals in region.
- Less opportunity for professional work compared to metros.
- Connectivity to rest of the country & large metros.
- Faculty attrition rate.

**OPPORTUNITIES**

- Increasing demand for Architect and Designers as a result of the rapid growth in construction industry.
- Presence of strong traditional wisdom in Region for qualitative learning.
- Varied research fields for further exploration.
- Global approach for development of academic outcomes.
- MoU & Collaborations for academic & research enrichment.

**CHALLENGES**

- To be prepared for continuously evolving professional challenges.
- To ensure and maintain quality of Institute in view of growing competition from large number of new schools coming up in India, including southern region.
- To enlist and retain senior faculty members & experts.
- To strengthen collaborative inter-disciplinary learning.
- To enhance research output of Institute.

**8. Plans of institution for next year**

International Collaborations

Introduction of new courses

Infrastructure development

Name: Prof. R. N. Ramaswamy



Signature of the Coordinator, IQAC

Name: Prof. Nishant H. Manapure



Signature of the Chairperson, IQAC

DIRECTOR  
Faculty of Architecture  
Manipal Institute of Technology  
Manipal University, Manipal



**Annexure I**

**Abbreviations:**

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission

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## Achievements and Recognitions

### TOP 15 DENTAL COLLEGES

Rank 2015	Rank 2014	Name of the Institute	F No. (Inst. ID)	Institution (Type)	Students (2014)	2015		Placement (2015)	Total (2015)	
						Examinations (2015)	Through (2015)			
1	1	Wishwas Acad Institute of Dental Sciences	G	Delhi	190.0	180.0	204.9	157.0	170.6	932.8
2	2	Municipal College of Dental Sciences	P	Mumbai	170.0	149.0	193.4	195.5	172.9	850.0
3	3	Government Dental College & Hospital	G	Mumbai	160.0	153.0	190.8	175.0	140.0	798.0
4	4	Ram Hospital Dental College	G	Mumbai	170.0	169.0	171.5	122.0	151.4	784.0
5	5	Government Dental College & Research Institute	G	Bangalore	170.0	172.0	169.0	120.0	150.0	781.0
6	6	Faculty of Dental Sci., King George's Med Univ	G	Lucknow	168.0	148.0	160.9	157.5	135.7	779.1
7	NR	Dr K Alamed Dental College & Hospital	G	Coimbatore	160.0	152.0	168.9	125.0	151.4	778.3
8	7	Post-graduate Institute of Dental Science	G	Raichur	162.0	151.0	159.8	135.0	159.0	757.8
9	8	SOM College of Dental Sciences & Hospital	P	Dhulewad	155.0	152.0	176.6	133.5	155.7	752.0
10	9	St Barnabas's University	P	Chennai	152.0	151.0	168.2	147.5	161.4	744.1
11	10	Rajawade Dental College & Hospital	P	Davangere	155.0	140.0	181.6	123.5	142.9	743.0
12	NR	Municipal College of Dental Sciences	P	Mangalore	150.0	146.0	158.8	120.0	138.6	742.3
13	11	Faculty of Dental Sciences, MS Ramesh Red College	G	Bangalore	152.0	146.8	158.1	147.0	150.0	736.9
14	12	SDM Dental College	P	Chennai	125.0	154.0	163.1	142.5	141.1	731.8
15	13	Faculty of Dental Sciences, BMS	G	Visnivas	147.0	142.0	158.1	141.0	132.9	720.9

1. Only colleges that satisfy the complete selection criteria of the 2015 group (colleges which started started their work in 2015 are not considered); 2. Good online profile (institutions that don't have a website are not); 3. Only institutions offering MBBS/DCD courses (colleges with other health care courses are not included).

### TOP 10 ARCHITECTURE

Rank 2015	Rank 2014	Name of the Institute	F No. (Inst. ID)	Institution (Type)	Students (2014)	2015		Placement (2015)	Total (2015)	
						Examinations (2015)	Through (2015)			
1	1	Sr JJ College of Architecture	G	Mumbai	204.0	235.0	179.0	125.6	155.0	1524.6
2	NR	School of Planning & Architecture	G	Delhi	184.0	205.5	127.0	133.0	151.5	1521.0
3	2	Department of Architecture & Planning	G	Poona	179.1	243.0	135.0	146.0	138.0	1451.7
4	3	Chandigarh College of Architecture	G	Chandigarh	164.0	224.5	146.0	137.5	140.5	1371.5
5	NR	Department of Architecture, IIT Kharagpur	G	Kharagpur	157.0	225.5	120.0	145.0	157.0	1371.5
6	5	Department of Architecture, IIT Kharagpur	G	Kharagpur	164.0	224.5	147.0	144.8	139.5	1364.8
7	7	Faculty of Architecture & Design (James Mill Institute)	G	Delhi	144.0	207.5	144.0	143.0	137.0	1360.5
8	5	School of Art & Architecture	P	Gurgaon	132.7	216.0	135.0	133.0	132.5	1401.2
9	9	Faculty of Architecture, IIT	P	Mumbai	176.5	175.5	196.0	125.1	160.5	1361.8
10	10	IIIT College of Architecture	P	Bhopal	102.7	216.5	106.0	100.7	122.5	1311.9