NEWS IT CSE

MESSAGE FROM DEPARTMENT CHAIR

Warm Greetings from the Dept. of CSE. On behalf of the department, it is my great pleasure to welcome the students for the new academic year 2019. I am also happy to share that our B. Tech program in Computer Science and Engineering has been accredited by National Board of Accreditation for the period of next three years. My sincere appreciation and thanks to all faculty members, students and alumni for their contribution to the department activities. Wish you all a great semester ahead.

- Dr. Ashalatha Nayak

Faculty Mentor

Dr. Renuka A

Editor- in-Chief

Ms. Vidhya.V

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DEPARTMENT EVENTS

HPE WORKSHOP-SEASON 3

CSE department hosted one day workshop for the third season of "HPE Workshop Series" on 18th January 2019 titled "Cloud and Cloud Enablers - Journey from Physical Servers to Virtualization / Containers (Docker) and its management (Kubernetes)". The workshop covered theory, demo and hands-on sessions on cloud enablers and the orchestration tools for cloud infrastructure automation.

CAREER GUIDANCE : FACILITATING UG STUDENTS TO MAKE SMART CHOICES

The department in association with IECSE student club organized a talk by Mr. Srikanth Gopalakrishnan, Senior Vice President at SAP Labs on various career options for undergraduate students after completing their Bachelors. The interactive session titled "What's next and how to get there" includes students of CSE, IT and CCE branches of various semesters.

HANDS-ON ARM WORKSHOP

A workshop on ARM programming skills was organized for the faculty members of the department from 6th to 9th March 2019. The resource persons were Dr. Santhosha Rao & Mr. Santhosh Kamath, faculties from the Department of ICT.

Ph. D AWARDEE

Ms. Sandhya Parasnath Dubey has been awarded doctoral degree by MAHE, Manipal, for her thesis titled "Enhancement of Evolutionary Combinatorial Optimization Algorithm for De Novo Protein Structure Prediction" under the guidance of Dr. N. Gopalakrishna Kini.

GUEST LECTURE: BLOCK CHAIN TECHNOLOGY

The department hosted a guest lecture on "Block chain Technology" on 25th Jan 2019. The resource person was Mr. T L Prasanna Venkatesan, founder & CTO Datachain. The talk was about the fundamental needs behind Block-chain technology and the current state of adoption. The speaker highlighted the fundamental use-cases for Block chain including Supply-Chain, Pharma and Finance .

PYTHON WORKSHOP

A one day workshop on "Python " was organised by the Teaching Learning Centre (TLC) at IIT Bombay, funded by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), MHRD, Govt. of India on 22nd June 2019 in the department. The event witnessed 19 participants from various schools and colleges in and around Manipal.

SUMMER TRAINING PROGRAM

A summer training program was organized under the aegis of Directorate of Research, MAHE. In this regard, the department has conducted a training program titled "PYTHON PROGRAMMING " on 3rd and 4th June 2019. A total of 16 participants from various colleges under MAHE have attended the workshop.

NEW INITIATIVES

HPE IN-HOUSE SUMMER INTERNSHIP

The department in collaboration with HPE has initiated a two month in-house summer internship program for students of pre-final year under the supervision of HPE Technologists and faculty members.

CONSULTANCY PROJECT WITH LEADING PHARMACEUTICAL COMPANY

A consultancy project with one of the leading pharmaceutical company is initiated in the department. The project titled 'Automation for managing country labels ', aims at automating the process of comparing multiple documents related to a product for lexical or semantic differences. The tools and techniques related to natural language processing is applied to solve the problem.

COLLABORATION WITH CISCO

Cisco has collaborated with the department for projects based on Network technologies. The student groups will be mentored by Cisco managers and faculty members to articulate multiple solutions for the given business cases.

STUDENT ACHIEVEMENTS

SMART INDIA HACKATHON WINNERS: TEAM PYSOCIETY

Team PySociety won Smart India Hackathon, Software Edition under the Problem Statement code - SS2 posed by the Ministry of Culture on 2nd and 3rd March 2019. Mohammad Aadil and Daniel Savio are the members of the team led by Yash Raj Sarrof.

STUDENT PARTICIPATES IN THE 2ND ASEAN-INDIA YOUTH SUMMIT

M. Tech student Siddarth Pai, participated in the 2nd ASEAN- India Youth Summit hosted by India Foundation associated with Ministry of External Affairs, Government of India in Guwahati from 3rd to 7th February 2019.

STUDENTS WIN APPRECIATION FROM TOP PHARMA COMPANY

Yash Raj Sarrof and Chhayank Jain, our third year students conducted a workshop at the company premises as part of the consultancy project with the leading pharma company from 24th June to 5th July 2019. The work done by the project team was well appreciated by the company for the quality of work.

MANAS EXCELS IN INT'L MEET

Project MANAS has secured the first position worldwide in the Annual Intelligent Ground Vehicle Competition held at Oakland University in Rochester Michigan. Four of our second year students, Shrijit Singh, Shivesh Khaitan , Dheeraj Mohan and Siddarth Venkataraman were part of the winning team.

NUPUR GRABS SUMMER INTERNSHIP

Nupur Saxena, a third year student, attended CISCO Hackathon 2019 as part of Women in Technology (WIT) event on 14th March 2019 and won a Summer Internship offer with Cisco.

STUDENT TAKE PART IN HUAWEI TALENT PROGRAM "SEEDS FOR THE FUTURE"

Harsha Reddy Tummala, a student of third year, participated in the global undergraduate training program 2019- "Seeds for the Future " at Huawei Technologies, China. This 4-week talent fostering program comprised of various technical sessions on 5G Technology and networks.

RESEARCH SCHOLAR RECEIVES SCHOLARSHIP AWARD

Sameena Pathan, research scholar from the department, has received 'Kundapur Mohan and Lata Bhandarkars' merit-cum-means scholarship for Ph.D. candidates' for the year 2018-19.

FACULTY ACHIEVEMENTS

♦ The faculty members have published around twenty research papers in various Scopus indexed journals and also presented papers in various international conferences during Jan - May 2019.

♦ Dr. Mohammad Wazid is appointed as an Associate Editor for the IET Communications journal, for the duration of February 2019 to February 2022.

♦ Ms. Vasundhara Acharya bagged the first prize for the Oral Presentation in Manipal Research Colloquium under the Technical Science Category on April 3, 2019 for the research work titled "Computer Aided Diagnosis to Identify Acute Myeloid Leukemia".

♦ Dr. Srikanth Prabhu is selected as a Consultant for the company -'Educational Initiatives' and handled a course 'Think like a Mathematician' for Asset 2019. Dr.Prabhu also gave a guest lecture on 'Business Tycoon in Modern Era and EQ with Artificial Intelligence' at NITTE on 19th June, 2019.

♦ Dr. Manjunath K N has visited the Bernoulli Institute for Mathematics, Computer Science and Artificial Intelligence, the University of Groningen, Netherlands from 11th to 15th March 2019. The faculty exchange program was funded by the European commission under international credit mobility Scheme (ICM fellowship). He was invited by the scientific computing and visualization group to share his industrial experience on developing the research prototypes to a medical software product with masters, doctoral students and professors in biomedical engineering.

DEPARTMENT CLUB ACTIVITIES

LINUX USERS' GROUP

Faculty Advisor
Mr. Ashwath Rao

Events Conducted
1. Git and GitHub Workshop on 9th Jan. 2019.

2. Linux Install Fest on 27th-28th Jan.2019

3.VIM workshop on 31st Mar. 2019.

IECSE

Faculty Advisor
Mr. Giridhar. N.S

Events Conducted
1. Web.io - web development workshop from 11th - 13th Jan. 2019.
2. Inter Section Coding - an offline coding event from 18th - 20th Jan. 2019.
3. Kaiser- an offline coding event on 30th Jan. 2019.
4. Pixel Week - graphic designing workshop from 1st-3rd Feb. 2019.
6. Genesis- database and app development event on 5th-7th Feb. 2019
7. Prometheus– annual technical fest from 29th-31st March 2019.

ACM STUDENT CHAPTER

Faculty Advisor
Dr. Srikanth Prabhu

Events Conducted
1. Functional Programming Workshop on 23rd Jan. 2019

2. Django Workshop on 6th Apr. 2019

3.Mentorship Program on 28th May 2019