MESSAGE FROM DEPARTMENT CHAIR

Hello everyone! We are happy to place before you the second issue of Bits & Bytes. There have been a lot of outstanding achievements by our faculty members as well as our students since the previous issue of ‘Bits & Bytes’ which was released in March, 2019. We proudly present these achievements before you in this issue of our newsletter. With the academic year just begun, I also take this opportunity to welcome the second year students to the department of ECE. We are sure that your three years of association with this department will give you the required skills to confidently take on the profession of an Electronics and Communication Engineer.

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DEPARTMENT ACTIVITIES

B.Tech accreditation

New faculty members

Anu Shaju Areeckal joined the department as Assistant Professor in June 2019 has received a Ph.D degree at the Department of ECE, NITK, Suratkal.

NBA accreditation

B.Tech program has received NBA accreditation till June 2022. The team visited the department during April 2019.

New faculty members

Anu Shaju Areeckal joined the department as Assistant Professor in June 2019 has received a Ph.D degree at the Department of ECE, NITK, Suratkal.

GUEST LECTURES

Dr. Ravilla Dilli delivered a talk on “Radio Resource & Mobility Management” at a workshop on “Aspect of LTE 4G” under TEQIP 1.3, Sahyadri College of Engineering & Management, Mangalore.

Mini project demonstration

6th Semester students have enthusiastically demonstrated their mini projects on 5th April 2019.

FARE THEE WELL

Mr. Vittala Shettigar
Senior clerk, retired after serving the institution for 40 years.
**FACULTY ACHIEVEMENTS**

**PHD AWARDEE**
- Dr. Ramya S was awarded a PhD degree from MAHE, Manipal, during February 2019.
- Dr. Tanweer Ali was awarded a PhD degree from Reva University, Bengaluru, during March 2019.

**FACULTY PUBLICATIONS**
Dr. M Sathish Kumar authored a book ‘Digital Communication’ which was published by PHIL-learning.

**AWARDS**
- Kumudha Health Tech Pvt Ltd, a startup founded by Dr. Sampath Kumar and Dr. Hareesha KS (Professor, Dept. of CA, MIT) has been selected as one of the winners of Elevate 2019.
- Dr. Anu Shaju Areeckal has been awarded with Gandhian Young Technological Innovation Award 2019 for her work titled “Early diagnosis of Osteoporosis using Metacarpal Radiography and texture analysis.” She received this award from the Vice President of India.

**RESEARCH GRANTS**
- Dr. Mandeep Singh & Dr. M. Sathish Kumar were granted funds in 2019 from the Intramural Funding- MAHE, Manipal for the Investigation of Photonic Generation of Microwave arbitrary waveform for sensing application.
- Dr. Ujjwal Verma(PI) and Dr. Radhika M Pai, ICT, MIT were granted funds in 2019 by Seed Money, MAHE for the study of fish behaviour by analysing underwater videos.

**STUDENT ACHIEVEMENTS**
- Dasrath Selvakumar, Omkar Jadhav and Yagya Malik were the members of Project MANAS which won the Intelligent Ground Vehicle Competition held on the campus of Oakland University in Rochester, Michigan.

- Kaustubh Shankar was selected for an IoT summer training program held at IIT Kanpur. He completed a project titled "SmartWatch" and was awarded for the best project and excellent performance during the course of the program.

- Tanmay Shukla, Gaurav KH, Ajay Rangan and Abhijit Alok were members of Mars Rover Manipal which placed 8th overall and won the science task in the University Rover Challenge held at the Mars Desert Research Station in Utah.

- Anurag Panadikar was part of the team that won the MIT Football League in 2019.
- Siddhartha Dange won the MAHE Innovation Festival 2018 for “Classogram”.
- Siddharth Goel secured 1st place in Provenance 2019.
- Sitanshu Sah secured the 29th rank in the Indian Sudoku Championship 2019.

**DEPARTMENT CLUB ACTIVITIES**

**IE-E&C**
**Faculty Advisor**
Dr. G Subramanya Nayak

**EVENTS:**
1. PRAXIS 3.0 – An IE-E&C Tech Week Event
   January 30 - February 2, 2019.

**ISTE (Indian Society For Technical Education)**
**Faculty Advisor**
Dr. Ujjwal Verma

**EVENTS:**
1. TECHNOVATE – An ISTE Tech Week Event
   Conducted from 31st January to 3rd February 2019.
3. ISTE Summer School program: A 4-week program.
4. Started a new blog “The Technical Prophet”.
5. Image processing workshop using OpenCV conducted on 10th and 11th of August 2019.