News Letter
Dept. of ECE

Workshop Conducted

- Two days student workshop on **Machine Learning** on 29th and 30th September,2018
- One day Workshop on **Research Orientation Using Virtual Labs** on 5th October, 2018
- One day workshop on **Recent Innovative Technologies in Communication** on 13th October, 2018.
- Two days student workshop on **Next Generation Optical Communication System** on 12th and 13th November, 2018.
- One week twinning program on **Recent Advances in Photonics** held at Jorhat Engineering College, Jorhat, Assam with MCE Hassan from 3rd to 8th December 2018.

Department Activities

- Two PhD students of Dr.B.R.Sujatha – Mr. Yashwanth N and Mrs. Baby H T have completed **PhD Comprehensive viva**.
- Mr.Murthi Mahadev Naik has submitted **PhD thesis** for evaluation.
- Four faculty- Mr. Santhosh Kumar K B, Mrs.Deepika, Mrs.Swathi and Mr.Hemanth Kumar have **completed PhD course work**.
- Two faculty- Jnana Swaroop and Sushma N have qualified in the **PhD entrance examination.**
- Students celebrated **Teacher's Day** on 5th of September 2018 in Seminar hall.
- Celebrated **IEEE Day-2018** on 13th October 2018.
- Final year BE students have attended one to two weeks of **internship** at MCF Hassan, BEL, Doordarshan - Blore, BSNL Mysore, RTTI Mysore and Loginware Hassan.

Achievements

1. Dr. Venkateswara Rao Kolli has been awarded with Ph.D degree from IISc-Bengaluru, on 9th May 2018- thesis titled **"Design and analysis of Integrated Optic Mirroring resonator based sub- µN Force and Accelerometer sensors".**

2. Under AQIS, AICTE has approved the proposal to conduct FDP for **two weeks on 5G and GREEN networks**- Coordinators- Dr. B.R.Sujatha, Dr.Venkateshwara Rao Kolli and M.N.Ravikumar.

Malnad College of Engineering
PB. No. 21, Hassan, Karnataka-573201, India
STD: 08172-245093 FAX: 245683
www.mcehassan.ac.in

Issue : 8

Editors:
1. Dr.B.R.Sujatha, Head of the Department
2. Mr. Santhosh Kumar K B, Assistant Professor

Dept. of ECE:- STD:- 08172-245361, E-mail- ece@mcehassan.ac.in

Engineering is not only study of 45 subjects but it is moral studies of intellectual life.
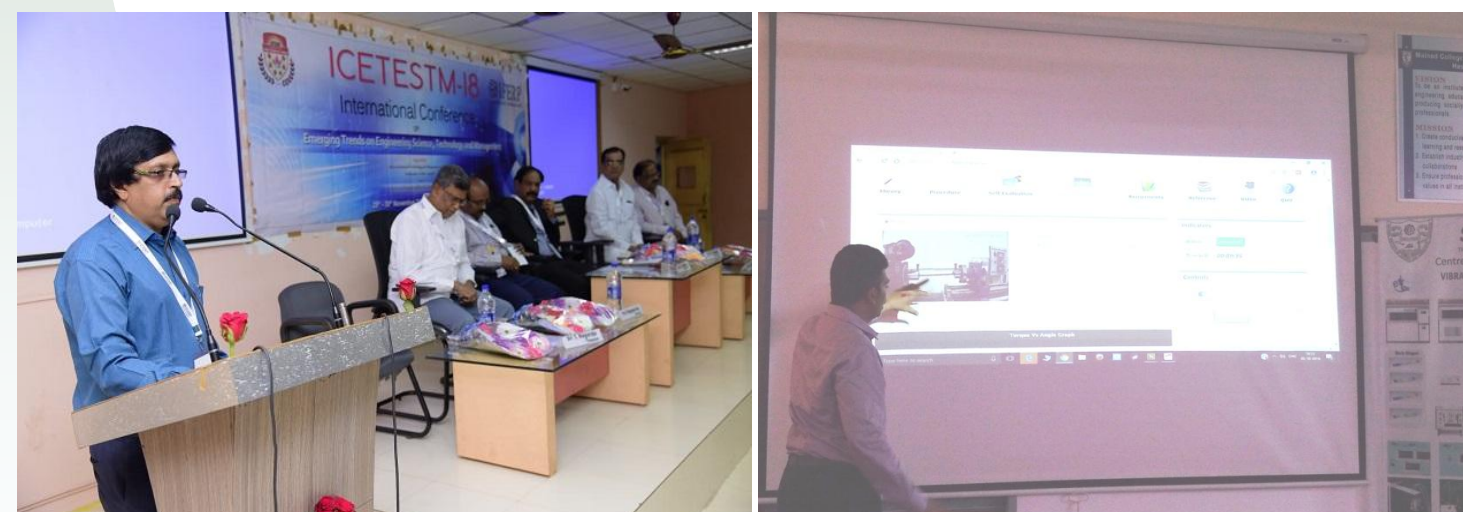
ECE

Selected Publication Details

- **Indira Bahaddur**,**Preetha Sharan, P C Srikanth** , " Photonic Crystal Based Micro Mechanical Sensor in SOI Platform", pp 11 , 4th International Conference on Green Computing and Engineering Technologies,held during 17th and 19th August 2018 at Aalborg University,Niels Bohrs Vej 8, Esbjerg, Denmark.

- **Radika, Raksha, B.R.Sujatha**, **Pruthviraj U, Gangadharan** "**Design and development of Onboard control system for Autonomous Marine Surface Vehicle**", Journal of Emerging Technologies and Innovative Research JEIIR Vol 5, Issue 7,July 2018.

- **Murthi Mahadeva Naik G, Naveen Kumar S K, Kavya H N.** "**Improved Isolation in a Rectangular Microstrip Patch Antenna with defected Ground Plane and Patch using coaxial probe fed for wireless LAN Application**" Journal of Emerging Technologies and Innovative Research (JETIR) **JETIR1807907** © 2018 JETIR June 2018, Volume 5, Issue 7 www.jetir.org (ISSN-2349-5162) pp61-69.

- **Murthi Mahadeva Naik G** and Naveen Kumar S K, "**Suppression of Cross Polarized Radiation in a Probe Fed Microstrip Patch Antenna using DGS and DMS Technique of for Wi-Max Application**" Jour of Adv Research in Dynamical & Control Systems, Vol. 10, 09-Special Issue, 2018.

- **Mr.Murthi Mahadeva Naik G**, Naveen Kumar S K, Kavya H N, **" Cross polarization reduction in a Probe-fed Microstrip Patch Antenna using Symmetric Rectangular DGS slots for L and part of S band Application**", Journal of Emerging Technologies and Innovative Research (JETIR), ISSN:-2349-5162 Volume:5 Issue:6|June-2018 www.ietir.org | Page 449.

  Triveni C.L, P.C.Srikanth, "**Spectrum fit allocation techniques for SLICE optical networks**" , Optik –Elsevier International Journal for Light and Electron Optics, Volume 165, pp 380–387 ,July 2018.

- **Indira Bahaddur, P.C. Srikanth**, and **Preetha Sharan**, , "Photonic **Crystal Based Micro Mechanical Sensor in SOI Platform",** Scirnce & Technology Journal Homepage http://www. pertanika.upm.edu.my/ ISSN: 0128-7680(2018).

- **Radika, Raksha, B.R.Sujatha**, **Pruthviraj U, Gangadharan,** "**IoT Based Joystick Controlled Pibot Using Socket Communication**" IEEE Second International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics (DISCOVER 2018), IEEE Xplore® Digital Library (Conference Id: 43909) .

- **Sagar, Preetham, B.R.Sujatha**, "**LDPC coder and decoder for text and image using hard and soft threshold methods**", IJCRT, Vol 6, Issue 2, April 2018, ISSN: 2320-2882.

Invited Talks

- Technical talk on **"CYBER SECURITY"** by **Dr. S M Dilip Kumar,** Professor, Dept. of CSE, UVCE Bengaluru on 23rd October 2018.

- Technical talk on **"Localization in Sensor Networks" by Dr. P Manjunath,** Professor, Dept. of E & C, JNNCE, Shimoga on 5th October 2018.

- ❖ Second and Third year BE students have attended two day workshop at NITK, Surathkal, on BIG DATA Analytics, Robotics etc…

Workshop Attended

- Mr. Jnana Swaroop K R and Mr. Yashas J attended two days Faculty Development Programme on **Advanced Multi-domain System Modeling using open Modelica**, at BMSCE, Bangalore from 26th to 27th of November 2018.
- Dr. P C Srikanth, Mr. Prathap P B and Mr. Hemanth Kumar K B attended one week twinning program on **"Recent Advances in Photonics"** held at Jorhat Engineering College, Jorhat, Assam from 3rd to 8th December 2018.
- Mr. Jnana Swaroop K R and Mr. Karunaraka G S attended two days workshop on **Ketch Innovation Ecosystem workshop** at Golden Metro Hotel Bengalore from 11 to 12th October 2018.
- Dr. B R Sujatha, Mr. M N Ravikumar, Mrs. Padmajadevi G, Mrs. C L Triveni, Dr. Venkateshwara Rao Kolli and Mrs. Dakshayini M R attended One day workshop on **Research Orientation Using Virtual Labs** on 5th October, 2018
- Mr. Keerthi D S, Ms. Sushma , Mrs. Raghuram K A, Mrs.Swathi H Y, Mr. Santhosh Kumar K B, Mr. Yashas J, Mrs. Deepika K C, and Mrs. Prakruthi H L attended two days workshop on **Next Generation Optical Communication System** from 12th-13th November, 2018.

"When you want to know how things really work, study them when they are coming apart"