

Workshop Conducted

- Two days workshop on **IoT using Texas Instruments MSP- 430** on 24th & 25th March 2018
- One Week Faculty Development Programme on **MEMS & MOEMS** Under the assistance of TEQIP-III with academic partner IEEE – Photonics Society, Bangalore Chapter from 30th April to 4th May 2018.
- One Week Faculty Development Programme on **Machine Learning** Under the assistance of TEQIP-III from 28th June to 2nd July 2018

Procurement

- Optical Fiber Kit Light Runner Premium
- Lumericals- Software for Photonics

Department Activities

- ❖ **Parent-Teachers Meeting** Conducted On 17th March 2018.
- ❖ **TEQIP III Sponsored Industrial Visit to Indian Naval Academy (INA)-Kerala** on 24th & 25th March 2018 for 6th semester students.
- ❖ **TEQIP III Sponsored Industrial Visit to –OFC Company-Kochi Kerala** on 1st to 4th April 2018 for 8th semester students.
- ❖ Branch Event '**FUNTRONICS**' was conducted on 20th to 21st May 2018.



Malnad College of Engineering
PB. No. 21, Hassan, Karnataka-
573201, India
STD: 08172-245093 FAX: 245683
www.mcehassan.ac.in
Issue : 7

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



Achievements

Best Project Award:

Project name: "Smart Ambulance with Automatic Traffic Congestion Control".

Guided by: - Mr. Keerthi D S

Team:

- YASHASWINI S.R
- MONISHA MANJAPPA H
- SAHANA M S
- POOJA T



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

Sample Publication Details

- **Triveni C L, Kumudarshree H S** “Secure Cloud Assisted Data Analysis Process for Smart Phone Tasks”, International Journal of Science and research (IJSR) ISSN (Online) 2319-7064 Volume 7, Issue6, June 2018 www. ijsr.net
- **P.C.Srikanth , Triveni C L, , Kruthika Lohith**, “Spectrum Allocation Policies for Flex Grid Network with Data Rate Limited Transmission”. International Research Journal of Engineering and Technology(IRJET) e-ISSN: 2395-0056 Volume:05 Issue:06 June – 2018 Page 1533
- **Keerthi D S ,Reshma U N** “Raspberry Pi based Soil Parameters Monitoring Device using Sensors”, International Journal for research in Applied science and engineering technology, Volume 6, Issue V, May 2018
- **Keerthi D S, T G Basavaraju** “Impact of Load on Performance of Wireless Mesh Networks” 09-Special Issue, 2018, pp. 202-209.
- **Inchara M, Triveni C L** "Efficient Privacy-Preserving Authentication For Automated Billing Infrastructure In Smart Grids", International Journal Of Creative Research Thoughts (IJCRT), ISSN:2320-2882, Volume.6, Issue 2, Page No pp.579-586, APRIL 2018
- **P.C.Srikanth, Basavaraju M M, Inchara M, Kumudarshree H S**, “Sensitive Data Classification & Selective Encryption Technique for Big Data”, International Journal of Creative Research Thoughts(IJCRT), Vol.6 , Issue 2,pp 496-500, April-2018(ISSN 2320-2882).
- **Syeda Afreen Mairaj, Indira Bahaddur**, “Continuous Authentication Using Wearable Medical Sensors “,International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 05 Issue: 03 | Mar-2018 www.irjet.net | Page 2977
- **Jnapana H S, Indira Bahaddur**, “Arm Cortex M3 Based Industrial Automation using Labview “,International Journal of creative Research thoughts” (PAPER ID : IJCRT1872356 Registration ID : 184038 Volume 6 Issue 1 March 2018
- **Harish M, B R Sujatha** “Antenna Selection Using Huffman Coding For MIMO Wireless Networks”, International Journal of Current Engineering and Scientific Research (IJCESR),ISSN (print): 2393-8374, (online): 2394-0697, Vol-5, Issue-1, Jan 2018, approved by UGC- IJCESR-JAN-V5I1-069)
- **T Sreenivasulu, Venkateswara Rao Kolli, Badrinarayana T, Gopalkrishna Hegde, T Srinivas**, “Photonic crystal ring resonator based force sensor: Design and analysis”, Optik 155 (2018) 111-120.
- **Madhu Dilip Potadar, P C Srikanth** , “ A Study on Software Receiver for GPS Signal”, International Journal of Engineering Research in Electronics and Communication Engineering (IJERECE), Vol.5 , Issue 2,pp 61-63, February-2018(ISSN 2394-6849)
- **Swathi H Y** “Exemplary Faculty Mentoring Programme”, Accepted in The Fifth International Conference on Transformations in Engineering Education (ICTIEE’18) to be held at Thiaganagaraj college of engineering, Madurai on 8th and 9th January 2018.
- **Swathi H Y** “Interdepartmental Student Project – Challenges and Benefits”, Accepted in The Fifth International Conference on Transformations in Engineering Education (ICTIEE’18) to be held at Thiaganagaraj college of engineering, Madurai on 8th and 9th January 2018.
- **Lakshmi D L, Sanjay Kumar, P C Srikanth** , “ DWDM in Transmission System, a Review”, International Journal of Engineering Research in Electronics and Communication Engineering (IJERECE), Vol.4 , Issue 12,pp 117-120, December-2017(ISSN 2394-6849)
- **Venkateswara Rao Kolli, Tupakula Sreenivasulu, T Badrinarayana, Gopalkrishna Hegde, T Srinivas**, “Design and Analysis of Serially Coupled Double Microring Resonator Based Force Sensor for 1 _N Range Measurement” , Elsevier, Optik 131 2017 1063-1070
- **Madhu Dilip Potadar , P C Srikanth** , “A Study on: Software Receiver for Gps Signal ” pp 17, International Conference on Emerging Trends in Engineering ,Science and Technologies (ICETEST-2018),held during 16th and 17th February 2018 at Balaji Institute of Technology and Science, Narasampet, Warangal, India.

- **Radhika K A, Raksha B, B.R.Sujatha, , Prithviraj U, Gangadharan K V** “IoT BASED JOYSTICK CONTROLLED PIBOT USING SOCKET COMMUNICATION “The IEEE Second International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics (DISCOVER 2018), IEEE Xplore® Digital Library (Conference Id: 43909)
- **Nagesh S P, Prathiba G, Pruthviraj M.R, Sujatha B R** , “Bio-medical image segmentation of brain MRI image to detect tumours and lesions” International Journal of Research in Electronics and Computer Engineering (IJRECE),Vol. 5. Issue 3 July-September, 2017.

Workshop Attended

- Dr.B.R.Sujatha visited to **KLE Techno Logical Unit**, Hubli from 19th -21st April 2018.
- Dr.P.C.Srikanth attended two days hands on workshop on **Virtual Labs, under the National Mission on Education through ICT(MHRD, Govt. of India)** during 5-6 April 2018 conducted by Team Virtual Labs, IIT Roorkee, Dayananda Sagar University, Bangalore.
- Mr.Murthi Mahadeva Naik G, Mr.Ravikumar M N and Mrs.Padmaja Devi G attended **One Week Faculty Development Programme On MEMS & MOEMS** Under the assistance of TEQIP-III with academic partner IEEE – Photonics Society, Bangalore Chapter from 30th April to 4th May 2018.
- Mrs.Triveni C L and Mrs.Indira Bahaddur attended workshop on “**New model Curriculum for first year BE/B.tech-CBCS Detailed Syllabus (2018-19) as per Outcome-Based Education (OBE) format including Course Outcomes(CO) and Bloom’s Taxonomy**” under TEQIP III held on 19th may 2018 at Sahyadri College of Engineering & Management, Managalore.
- Dr. Venkateswara Rao Kolli attended **EECS Research Student Symposium- 2018** at Indian Institute of Science,Bangalore from April 12-13, 2018.
- Mr. Keerthi D S, Mrs. Raghuram K A, Mr. Prathap P B, Mr. Hemanth Kumar B M, Mrs.Swathi H Y, Mr. Jnana Swaroop K R and Mr. Karunakara G S attended **One Week Faculty Development Programme on Machine Learning** Under the assistance of TEQIP-III from 28th June to 2nd July 2018.
- Mr. Santhosh Kumar K B, Mr. Yashas J, Mrs. Deepika K C, Mrs. Dhakshahini M R, Ms. Sushma N and Mrs. Prakruthi H L attended **One Week Faculty Development Programme on MEMS & MOEMS** Under the assistance of TEQIP-III with academic partner IEEE – Photonics Society, Bangalore Chapter.



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