

Workshop Conducted

- Three days FDP on “Image Processing and Pattern Recognition Techniques” from 24th to 26th march 2017.
- One day workshop on “ANTENNA DESIGN USING HFSS EM SIMULATOR” on 25th march 2017.
- One day workshop on “DSP for Mechanical Engineers under TEQIP-II & In association with Dept. of Mechanical & Dept. of E & C MCE,” on 26th march 2017.
- One day “Hands on Training on NETSIM” on 27th march 2017.

Procurement

- Light Runner Premium, Lasers, Detectors and Optical Passive Components
- 15 I5 Computers
- Lumerical O2 Year (Academic Lab Suit) and FDTD Solution.
- Digital Oscilloscope and Klystron Power Supply

Department Activities

- Students celebrated **Teacher’s Day** on 5th of September 2017 in Seminar hall.
- Celebrated **IEEE Day-2017** on 13th October 2017.
- 1990 and 1992 Batch BE (E&C) students have contributed to ‘Make in MCE-MIM’ fund to sponsor student projects.



Achievements

- **MOU with NITK, Surathkal- Virtual Labs.**
- **MOU with 1991 batch B E E & C students- Establishment of Dr. K A Krishna Murthy Commemorative IoT lab.**



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



Sample Publication Details

- **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(DOI:10.21276/ijcesr , approved by UGC- IJCESR-JAN-V5I1-069).
- **Pruthviraj M.R,Sujatha B R, Mr. Nagesh S P, Mrs. Prathiba G**,”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.
- **Shivaprakash Koliwad,Srikrishna Shastri C,Ashok Kumar T**, Accurate Classification of Remote sensed data for land use/land class of mangaluru coastal region, IEEE International Journal (ISPN:978-1-5386-3243-7/17) August-September 2017.
- **G Padmajadevi, Dr.Aprameya**,” Offline Signature Verification and recognition using angle based feature extraction and NN classifier ”, in International journal on Recent and Innovative Trend in Technology ISSN print 2454-1400 March 2017.
- **SantoshKumar.K.B, B.R.Sujatha**.”Double Huffman coding for EEG signals”,ISRO sponsored National Conference RESPOND at NMAIT,Nitte, 17-18 March 2017
- **Jayanth J & Dr. Shivaprakash Koliwad**, Artificial Bee Colony Algorithm for Classification of Semi-urban LU/LC Features using High-resolution Satellite Data, Lecture Notes in Computational Vision and Biomechanics, Springer (India) Private Limited, p-ISBN: 978-3-319-61315-4, e-ISBN: 978-3-319-61316-1, 2012-2018.
- **Meghashree B S, Dr. B R Sujatha** “AES based image encryption and decryption using ATLAB”, NCESE 2017,GSSSIETW & ITE Mysore , IJCA 29 May 2017.



Workshops Attended:-

- **Mr. Santhosh Kumar K B** attended workshop on “Faculty-Mentors on Induction Programme for New Students” organized by Government Engineering College, Raipur during 4th to 6th Sept 2017.

Invited talks

- Technical talk by Dr. P C Srikanth on “**Photonic Bandgap Crystals**” on 3rd May 2017 , Technical Symposium on Nano Photonics ,Organized by: Dept. of E&C , Siddaganga Institute of Technology, Tumkur, Karnataka, India.
- Technical talk by Dr. P C Srikanth on “**Role of Optical Networks** “ on 29th May 2017 at workshop on Recent Advances in Optical Communication and Networks conducted by Karnataka State Higher Education Council (KSHEC),Palace Road, Bangalore.
- Key note address on “**Biosensors for IOT Applications**” on 21st July . 2017, at International Conference on Internet of Things for Future Smart Cities (ICIOTSC-2017),Organized by Geethanjali Institute of Science and Technology, Nellore District , Andra Pradesh.

Future Plans

- To get NBA accreditation.
- To establish Centre of Excellence in Photonics.
- To establish Centre of Excellence in Wireless Communication.
- To enhance research by having Full time PhD scholars.

Student Scholarship

- **Mr. Santhosh Kumar Rao Memorial Scholarship** to 08 E&C students- Rs 5000/ each every year since 2005.
- **Sri B K Seetharamaiah memorial award** by his son Sri N Gurudatt-Technical books to the 3rd year BE E&C student (Topper considering the 1st year and 2nd year results-a corpus fund of **Rs.20,000/-** has been kept as a fixed deposit) since 2018.



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