



**BAPUJI INSTITUTE OF ENGINEERING & TECHNOLOGY**

Accredited by NAAC with 'A' Grade

## **Department of Electrical & Electronics**

*The official department newsletter January – June 2018*



# E – Newsletter 2018

## **Message From HOD's Desk**

We are happy to bring out our department E-Forum newsletter, which showcases all the activities of the department. I congratulate the team for their continuous effort.



**Dr M S NAGARAJ**  
Prof & HOD

## **Our Vision**

To train globally competent quality students in Electrical Engineering through excellent academic inputs, innovative ideas and team work.

## **Our Mission**

- ❖ To enhance the quality of life of students through continuous learning and state-of-the-art technical education.
- ❖ To meet the long term needs of the industry & society,
- ❖ To inculcate leadership qualities & ethical values.
- ❖ To serve the Community for the socio economic developments

## **About Department:**

The Department of Electrical & Electronics Engineering was started in the year 1979 with an intake of 60 students. Department is duly recognized and accredited by National Board of Accreditation, AICTE, New Delhi and The Institution of Engineers (India), Kolkata. The Department of Electrical Engineering, which has renowned as well as young and dynamic personalities as faculty, is involved in providing quality education to undergraduate level. It offers quality research in the Ph.D programs. The major laboratories in the department are Electronics, Microcontroller, Machines, Control system, Measurement, Power system simulation & High voltage & relay. Department has Mi-Power software Packages with 6 user, PSCD & DigSlient. The department has testing facilities for carrying out industry sponsored research and consultancy projects.

# E – Forum Newsletter 2018

## **Laboratory facilities**

Department as a broad based UG curriculum & the syllabus of the courses are continuously updated and the laboratories modernized to reflect the rapid changes in technology. The department is equipped with the latest experimental and computational facilities meet the curriculum. The total expenditure on Instruments, Equipments and Computers is Rs.52 Lakhs. The major laboratories in the department are Electronics, Microcontroller, Machines, Control system, Measurement, Power system simulation & High voltage & relay.

## **Major Equipments and Software**

Department has many major equipments. Major equipments are Digital trainer kits, Power Electronics Modules, 8051 Flash Programmable Microcontroller Evaluation Board (MCB 51) with interfacing modules, DC and AC Machines sets, Transformers, Auto-Transformers, Servo Stabilizer, Air-Cooled Rectifier Unit, Phase-Shifting Transformer, HV Testing Transformer, 5-Stage Impulse Voltage Generator, Continuously Variable Auto-Transformer, 60kV HV Testing Transformer, Digital Storage Oscilloscope, HV Rectifier Unit, Computers, UPS, 200kVA diesel generator.

Department has Mi-Power software Packages with 6 user, Microcontroller-Keiluvision#3(C51), Labview with 10 Users, PSPICE Student Version.

## **Departmental Library**

We have department library with 1345 books . Every year books are added to the library from the forum. Every semester two books are issued to students. Electrical and Electronics Engineering books available in the Central Library are 3800 with 1200 titles. Twenty Three National and International Journals have been subscribed to Central Library.

# E – Forum Newsletter 2018

## Activities at Department

Electrical Forum organized “IMPULSE-2018” a State Level Technical Paper Presentation and Trouble Shooting competition inaugurated by Assistant Executive Engineer Mr. Anil Kumar KPTCL held on 5<sup>th</sup> May 2018 at BIET.



The number of students participated were 60 from various colleges of Karnataka and 15 technical papers were presented discussing on advances in Electrical and Electronics Engineering and also 17 teams were participated in Trouble shooting. Davanagere



## Staff Activities

- ❖ Vijaylakshmi S H Asst..Prof. has attended the 12 days workshop on “Industrial Automation using Hydraulics,Pneumatics & PLC” from 1st to 12<sup>th</sup> January 2018 organized at Manipal Institute of Technology,Manipal.
- ❖ Triveni M T Asst..Prof & Sowmya Anand Asst..Prof ,both faculties has attended 4 days workshop on “Latest Advancements in Power Engineering Sectors” from 8<sup>th</sup> to 11<sup>th</sup> January 2018 organized at DSATM Bangalore.
- ❖ T S Karibasavaraju & Sowmya Anand & Triveni M T Asst.Prof has attended 2 days workshop on “Arm Cortex M3 Microcontroller” on 23<sup>rd</sup> & 24<sup>th</sup> January 2018 organized at BIET Davangere.
- ❖ Triveni M T & Sowmya Anand both faculties has attended 3 days workshop on “Digital Signal Processing Lab” from 29<sup>th</sup> to 30<sup>th</sup> January 2018 organized at Archarya Institute of Technology,Bangalore.

# E – Forum Newsletter 2018

❖ Vidhya G H & Sowmya Anand Published paper titled "Electrical Energy Audit-An Overview" Internal Journal of Latest Technology in Engineering, Management & Applied Science, ISSN 2278-2540. volume-VII, Issue, VI, June 2018. Davanagere

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