



**BAPUJI INSTITUTE OF ENGINEERING & TECHNOLOGY**

Accredited by NAAC with 'A' Grade

## **Department of Electrical & Electronics**

*The official department newsletter July – December 2019*



# E – Newsletter 2019

## **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.

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## **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 1427 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.

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## Activities at Department

Mr. Abbas, Center Manager of Cyber Security delivered a talk on ‘Carrier in Cyber Security ’on 14<sup>th</sup> October 2019 at Department of Electrical & Electronics, BIET Davangere.



Students of E & E has celebrated the “Teacher’s Day” on 5<sup>th</sup> September 2019 at Department of Electrical & Electronics, BIET Davangere.



Electrical forum was inaugurated by Sri Basavaraj Bheem Reddy, Superintendent Engineer, and KPTCL Davanagere on 21<sup>th</sup> September 2019 at Department of Electrical & Electronics, BIET Davangere.



Electrical forum organized extra-curricular activity, “Vidyuth -2019”, an Inter Department Fest, on 5<sup>th</sup> November 2019 at Department of Electrical & Electronics, BIET Davangere.



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“Reunion of 1994 Batch” is organized on 30th November 2019 at Department of Electrical & Electronics, BIET Davangere



National Energy Conservation Day was arranged in association with KRDEL, Bengaluru and the function was inaugurated by B.K SUBHASCHANDRA, Superintendent Engineer, BESCOM, on 19<sup>th</sup> December 2019.



## Staff Activities

- ❖ Mr. Shiva Kumar Swamy G.M, Mrs. Sowmya Anand & Miss Vidya G.H, attended a One week Short Term Training program through “ICT Mode on Effective Teaching “from 15<sup>th</sup> -19<sup>th</sup> July 2019 held at BIET, Davangere.
- ❖ Dr. M.S.Nagaraj & Mr. S.R.Basavarajappa have participated and presented a paper on “Load Frequency Controller of Two-Area Interconnected in Power System using Optimal Controller on Smart Computing and Control of systems” (ICSCCS) from 17<sup>th</sup> -19<sup>th</sup> October 2019 held at Sree Vidyanikethana Engineering College Thitupati.
- ❖ Mr.T.S.Karibasavaraju, Asst. Prof. has published a Technical paper on “A GEO-Tagging Based Hybrid Mobile Attendance System” in IJSRCSEIT, Vol.5, and Issue 6. November 2019.

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## Students Activities

- ❖ Mr.Vikas A.R of Sixth semester student has attended 5 days Training Program on “Thermal Power Plant Familiarization” conducted by JSW Energy Centre of Excellence, SW Energy Limited, Toranagallu, held from 16<sup>th</sup> - 20<sup>th</sup> July 2019 at BIET, Davangere.
- ❖ Miss. Joythi A.M of Fifth semester student has secured FIRST prize in the event Drill, Skipping and Throw-Ball from 2<sup>nd</sup>-11<sup>th</sup> August 2019 held at BIET, Davangere.

Miss.Kavya.S.T of Seventh semester student secured FIRST prize in the event “FAMELESS COOKING” VIDYUTH-2019 on 5<sup>th</sup> September 2019 held at BIET, Davangere.



- ❖ Miss. Sindhu. H.E, Miss Yashwini and Miss Chaitra of Sixth semester students secured THIRD prize in the event “FAMELESS COOKING” VIDYUTH-2019 on 5<sup>th</sup> September 2019.
- ❖ Miss. Sushma. M & Team of Seventh semester students secured FIRST prize in the event “Tag of War”, VIDYUTH-2019 held on 5<sup>th</sup> September 2019.

❖ Mr.Gunde Gowda & Team of Seventh semester students secured FIRST prize in the event “Sherlock Homes” VIDYUTH-2019 on 5<sup>th</sup> September 2019 held BIET, Davangere.



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- ❖ Miss.Chandana.AP of Sixth semester student has completed 7 days of “Industry Readiness Training Program-Phase -1” from 27<sup>th</sup> September to 3<sup>rd</sup> October 2019 held at BIET, Davangere.
- ❖ Mr.Prajwal.P of Sixth semester student has completed 7 days of “Industry Readiness Training Program-Phase -1” from 27<sup>th</sup> September to 3<sup>rd</sup> October 2019 held at BIET, Davangere.
- ❖ Miss.Chandana A.P of Sixth semester student presented a project titled “Smart Walking Aid for Visually Impaired” Inter College Mini Project Expo-2019 organized by ISTE student Forum on 13<sup>th</sup> November 2019 held at GSSSIETW, Mysore.

## Editorial Committee

### Chief Editor:

**Dr M S NAGARAJ**  
Prof & HOD

### Staff Editors:

**SOWMYA ANAND**  
Asst. Professor  
**NIRANJAN S H**  
Asst. Professor

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- 2. Abhigna**
- 3. Mahir Kadhri**

