



**BAPUJI INSTITUTE OF ENGINEERING & TECHNOLOGY**

Accredited by NAAC with 'A' Grade

## **Department of Electrical & Electronics**

*The official department newsletter January – June 2020*





# E – Newsletter 2020

## **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 The Department**

The Department of Electrical & Electronics Engineering was started in the year 1979 with an intake of 40 students. Now the department has academic programme with an intake of 60. 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 (UG) level. It offers quality research in the Phd programs. 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 1466 books with 424 titles. 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 with 8584 with 1418 titles. Twenty Three National and International Journals have been subscribed to Central Library.

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## StaffActivities

- Mr.T.S.Karibasavaraju as attended Five days Faculty Development Program on “**DATA SCIENCE AND BIG DATA ANALYTICS**” from 21<sup>th</sup> to 25<sup>th</sup> January 2020,Conducted by ICT Academy at BIET,Davangere.
  - Mr.T.S.Karibasavaraju as attended online Quiz on “**RESEARCH METHODOLOGY**” held on 27<sup>th</sup> May 2020 organized by Department of CSE, KLE college of Engineering & Technology.
  - Mrs.Vijayalakshmi.H as attended one day webinar on “**IMPACT OF AI DURING PANDEMIC TIMES**” organized by Woxsen School of Business on June 4<sup>th</sup> 2020.
  - Mr.T.S.Karibasavaraju as attended in One week online FDP on “**NBA and NAAC Accreditation**” Organized by MSRIT under AICTE Margadarshan Scheme from 4<sup>th</sup> to 8<sup>th</sup> June 2020.
  - Mr.T.S.Karibasavaraju as attended in Webinar on “**WAVELET TRANSFORMATION APPROACH FOR MIMO POWER LINE COMMUNICATION**” organized by Don Bosco Institute of Technology, Bengaluru on 5<sup>th</sup> June 2020.
  - Mrs.Vijayalakshmi.H as attended one day webinar on “**FUNDAMENTALS OF ELECTRICAL ENGINEERING**”organized by KLE Institute of Technology, Hubballi on 9<sup>th</sup> June 2020.
  - Mr.Basavarajappa.S.R as attended Three days International FDP on “**RECENT TRENDS IN POWER SYSTEM SECURITY** “from 09/06/2020 to 11/06/2020. Organized by Smt. Kamala & Sri Venkappa M. Agadi College of Engineering & Technology- Lakshmeshwar, Karnataka, India.
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- Mrs.Vijayalakshmi.H as attended one day webinar on “**NATIONAL LEVEL WEBINAR ON SIMULATION DRIVEN INNOVATION FOR E- MOBILITY**” organized by KLE Technological university Hubli,on 10<sup>th</sup> June 2020.
  - Mrs.Vijayalakshmi.H as attended one day webinar on “**HOW TO WRITE A RESEARCH PAPER**” organized Sagar Institute of Research & Technology, Bhopal on June 16<sup>th</sup> 2020.
  - Mr.Kiran H T as attended 5-days International Webinar series on“**EMERGING GREEN TECHNOLOGIES FOR SMART CITIES: CHALLENGES AND OPPORTUNITIES**” jointly organized by Department of Electrical and Electronics Engineering,RVS College of Engineering and Technology, Coimbatore and New Horizon College of Engineering, Bengaluru from 16<sup>th</sup> to 20<sup>th</sup> June 2020.
  - Mrs.Vijayalakshmi.H as attended one day webinar on “**ARTIFICIAL INTELLIGENCE WITH PYTHON**”, organized by Parul University Vadodara Gujarat Vaageswari college of engg. Karimnagar. Telangana 15th June, 2020.
  - Mr.T.S.Karibasavaraju as attended in Webinar on “**APPLICATION OF STATISTICS TO ARTIFICIAL INTELLIGENCE** ” organized by Don Bosco Institute of Technology ,Bengaluru on 18<sup>th</sup> June 2020.

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## StaffActivities

- Miss.Vidya .G.H as attended National Level online Webinar on “ **SIMULATION DRIVEN INNOVATION FOR E-MOBILITY**” organized by KLE Institute of Technology held on 10th June 2020.
- Miss.Vidya .G.H as attended online Webinar on “**HOW TO WRITE A RESEARCH PAPER**” organized by Sagar Institute of Research and Technology, Bhopal held on 16th June 2020.
- Miss.Vidya .G.H as attended online Webinar on “**ELECTRICAL SWITCHGEAR AND ITS APPLICATIONS**” Organized by PES Institute of Technology, Shivamogga, held on 20th June 2020.

## Students Activities

- ❖ Rahul Desai as participated in WORKSHOP on “**DATA SCIENCE WORKSHOP**” organized by edufabrica pvt.ltd held from 25<sup>th</sup> & 26<sup>th</sup> January 2020.
- ❖ Rahul Desai & Ganeshkumar V B as participated in workshop on **INTRODUCTION TO PROGRAMMING USING PYTHON**” organized by MICROSOFT TECHNOLOGY ASSOCIATE held on 26/01/2020 Davangere.
- ❖ AKANKSHA.S as participated in **WORKSHOP ON BASICS OF AUTOCAD ELECTRICAL** organized by CADD CENTRE TRAINIG SERVICES, held on 15th February 2020 Davangere.
- ❖ Chandan B.R has won **THIRD PRIZE** in **singing solo** competition eve of Student Induction Programme held from 10<sup>th</sup> to 15<sup>th</sup> February 2020 at Bapuji Institute of engineering and Technology, Davangere.
- ❖ Chandan B.R has won **SECOND PRIZE** in **Gitar** competition “Yuvajanothsava 2020” Chindhodileela Shethra at Davangere.
- ❖ Abhighna .S has won **FIRST PRIZE** in IDEATHONS competition 16th Karnataka State Level ISTE Student Convention on Smart World through Innovative Future Technology held 22<sup>nd</sup> February 2020 Davangere.
- ❖ Rahul Desai & Ganesh Kumar V B as won **FIRST PRIZE** in “E-BUGGING” Competition SAAVISHKAR Moodlakatte Institute of Technology, Kundapura held 3<sup>rd</sup> March 2020 Davangere.
- ❖ Rahul Desai & Ganesh Kumar V B as won **FIRST PRIZE** in “Einstein’s Playhouse”& Streak Bot in PRERANA IEEE GITAM, Bengalure held 6<sup>th</sup> & 7<sup>th</sup> March 2020 Davangere.

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❖ S.M.P Mahir has won **FIRST PRIZE** in **IDEATHON** in State level ISTE competition SAAVISHKAR held on 22<sup>nd</sup> February 2020 at Moodlakatte Institute of Technology, Kundapura.



❖ Prajwal, S.M.P Mahir, Naveen, Pramodh, Vikas of 6<sup>th</sup> semester students has won **FIRST PRIZE** in competition **TRESAURE HUNT** in State level ISTE competition SAAVISHKAR held on 22<sup>nd</sup> February 2020 at Moodlakatte Institute of Technology, Kundapura.



❖ Ganesh Kumar and Rahul Kumar of 6<sup>th</sup> semester students has won **FIRST PRIZE** in **ERROR 404** competition in State level ISTE competition SAAVISHKAR held on 22<sup>nd</sup> February 2020 at Moodlakatte Institute of Technology, Kundapura.



❖ S.M.P Mahir, Naveen, Pramodh, of 6<sup>th</sup> semester students has won **FIRST PRIZE** in competition **E-BUGGING** in State level ISTE competition SAAVISHKAR held on 22<sup>nd</sup> February 2020 at Moodlakatte Institute of Technology, Kundapura.





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❖ Ganesh Kumar has won Second prize in **IDEATHON** in State level ISTE competition SAAVISHKAR held on 22<sup>nd</sup> February 2020 at Moodlakatte Institute of Technology, Kundapura.



## Editorial Committee

### Chief Editor:

**Dr M S NAGARAJ**

Prof & HOD

### Staff Editors:

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Asst. Professor

**NIRANJAN S H**

Asst. Professor

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2. ABHIGHNA S