



**DON BOSCO INSTITUTE OF TECHNOLOGY**  
 KUMBALAGODU, MYSORE ROAD, BENGALURU-560074  
**DEPARTMENT OF ELECTRICAL &  
 ELECTRONICS ENGINEERING**



# NEWSLETTER - EEE

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**Editorial Board**

**Chief Editor**  
**Prof. Anguraja R**  
**HOD-EEE**

**Editorial Members**

**Prof. Sharmila R S**  
**Prof. Raveendra R**



## PRINCIPAL's MESSAGE

I am delighted to learn that the department of **Electrical & Electronics Engineering** is unveiling its first newsletter *Ohm ( $\Omega$ )* to highlight their achievements of the year 2017-18.

The department of Electrical and Electronics Engineering is known for its profound initiatives and active mechanism of functioning. Not surprisingly the department shall achieve sustainability and self sufficiency in academic and non – academic fronts by 2020.

I hereby, wish the HOD and faculty the best possible outcomes for their consistent efforts put forth in evolving the department of EEE as the most preferred destination for students to graduate as quality based technically viable engineers.

## HOD's MESSAGE

It is a matter of immense pleasure to bring out the newsletter *Ohm ( $\Omega$ )* to encapsulate the activities and achievements of the year 2017 -2018.

The department of Electrical and Electronics Engineering started in 2003 is instrumental in shaping itself as one of the prominent departments of the institute. It has carved its niche with the below USPs. Topped the **NBA charts** by securing highest points in 2015.

Bagged maximum number of **university ranks** across all departments  
First department to set up alumni chapter “**CONCLAVE**” to engage alumni interactions actively.

Racing ahead to achieve self sufficiency in terms of providing **core jobs** to its graduates through its robust departmental alumni pool.

The MOU of the electrical company **AMPS India Pvt Ltd** with the department and its close association with **JLL** has provided the platform for several industry – institute interactions.

I heartily thank the management, Principal, all HODs and my staff for their dedicated contributions both in curricular and non – curricular arenas during the year 2017- 18.

## **VISION**

To impart value based technical education and train students through continuous improvement in teaching effectively and efficiently, learning and associated processes and to collaborate with industry, foreign universities and institutions for academic exchange programme for faculty and students.

## **MISSION**

To provide an excellent learning opportunity for all students and staff to develop knowledge and skills essential in enlightening the individual's ability to think vitally and utilize Electrical and Electronics in detail to meet the technological challenges of tomorrow and to refine knowledge and understanding through research and creative activities.

## **PROGRAM EDUCATIONAL OBJECTIVES**

**PEO 1:** To prepare students for graduate and postgraduate programmes and to succeed in a career in Electrical & Electronics Engineering related fields.

**PEO 2:** To provide students with a foundation in fundamental engineering principles together with in-depth disciplinary knowledge or solid foundation in mathematical, scientific and engineering fundamentals required to succeed in technical profession

**PEO 3:** To train students with a broad-based scientific and engineering knowledge so as to comprehend, analyze, design, and create innovative products and solutions for the real life problems.

**PEO 4:** To inculcate in students professional and ethical attitude with a strong character and to uphold the spiritual and cultural values, effective communication skills, teamwork skills, multidisciplinary approach, and an ability to relate engineering issues to broader social context.

**PEO 5:** To provide student with an academic environment aware of advanced technological growth leading to life-long learning needed for a successful professional career, excellence and leadership.

## MAJOR ACHIEVEMENTS DURING

AUG 2017 – JULY 2018

❖ The department undertook the consultancy project of *MANUU Polytechnic College* of worth Rs 80, 800/-

❖ Nandini G, student of Electrical Power Systems (1DB15EPS07) bagged VTU Rank- I and Gold medal in M.Tech VTU examinations.

❖ The department signed its first international MOU with AMPS INDIA PVT LTD to boost its in-house sustainability in the direction of providing training and generating employment for its graduates.

❖ The Skill Development Programme was organized in association with National Power Training Institute (NPTI) from 14.02.2018 to 16.02.2018 at DBIT & Hot Line Training Centre of NPTI.



## **MAJOR ACHIEVEMENTS DURING**

**AUG 2017 – JULY 2018**

❖ The industrial visit was arranged to the Solar Power Plant at Belakvadi near Shivanasudram (10MW) on 17-04-2018. The faculty Prof. Prof. Manjunatha S & Prof. Rajath Shankar P.S accompanied the students of VIII semester .

❖ The industrial visit was arranged to CENTRAL POWER RESEARCH INSTITUTE (CPRI) on 23-02-2018. The divisions of High Voltage, Power Capacitors, Impulse Current Generator , Renewable Energy Sources and Illumination were visited.

## **CERTIFIED COURSES**

❖ FTI : The students Lekhashree & Rashmi attended the course of Electric Motors at Foremen Training Institute from 05-02-2018 to 09-02-2018

❖ Infosys Campus Connect Programme :19 students of EEE attended the course in 2016-17 and 22 students are pursuing the same in 2017-18

❖ National Training Centre for Solar Technology: Two M.Tech students attended the course on “ Solar Photo Voltaic Grid Connected Power Plants” from 11.12.2017 to 16.12.2017

❖ National Training Centre for Solar Technology: One M.Tech student attended the course on “Design of Solar PV grid connected and stand alone System” from 16.08.2017 to 22.11.2017



## **GUEST LECTURES ORGANIZED**

| Sl. No | Invited Scholar & Associated Organization                                     | Title of the Lecture delivered                                | Area of Specialization  | Date of the Lecture |
|--------|---|---|---|---------------------|
| 1      | Apex – Hi-tech Institute Bangalore  | Latest trends and Employability in Industries                 | Industrial Automation   | 20/09/2017          |
| 2      | Pravashini Pattanayak Manager, GATEFORUM                                      | Importance of GATE for Higher studies & Job opportunities     | Technical Lead  | 26/09/2017          |
| 3      | Mr. Harish , Alumnus DBIT   | Importance of motivation & Professional Ethics in Engineering | Professional speaker on Lifeskills. Pursuing Ph.D on IC Engines | 03/03/2018          |
| 4      | B.VENKATA SUBBIAH Deputy Director, Power Systems Training Institute Bangalore | Energy Conservation in Electrical Systems                     | Energy conservation   | 22/03/2018          |
| 5      | SURAJ H.M Alumnus, MBA  | Stress Management in Students for effective Productivity      | Marketing   | 26/03/2018          |

## **FACULTY ACCOMPLISHMENTS**

| Sl. No | Faculty Name  | Conference / Workshop Title  | Dates  | Venue |
|--------|---|--|--|-------|
| 1      | Padma Shree V Kulkarni & Sony Venugopal   | New Model Curriculum for first year BE – CBCS Detailed syllabus as per OBE | 14- 05-2018                                      | MSRIT |
| 2      | Vijayshree G & Sony Venugopal   | FDP on DSP LAB   | 23 <sup>rd</sup> and 24 <sup>th</sup> Jan - 2018 | RNSIT |
| 3      | Sulochana I Akkalkot  | Synchro – Phasor for real time monitoring of smart power systems           | 23 <sup>rd</sup> and 24 <sup>th</sup> Nov 2017   | CPRI  |
| 4      | Anguraja R  | Workshop on OBE  | 26 <sup>th</sup> – 28 <sup>th</sup> March 2018   | IISc  |
| 5      | Prof . Raveendra R and Prof. Sharmila R S cleared the NPTEL exam from during July 2018. |  |  |       |

# CAMPUS PLACEMENTS

Triveni Turbines  
Silver Peak  
Amps

Pratian Technologies  
Nine Leaps Technologies  
Trigent Software  
HP-Through Artech  
HGS  
Orcale

Great India Software  
Simplotel  
Sandcubes  
Canon  
Pathfront  
JLL

PRDC  
Ness Technologies  
Fidelis  
Grid R & D  
Prama Hikvision  
HCL Technologies