



**Don Bosco Institute of Technology, Bangalore**  
(NAAC Accredited Institution)  
**Department of Electrical & Electronics Engineering**  
(Accredited by NBA & Permanently affiliated to VTU)



**VOLUME 4**  
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**DATE: 14-01-2021**



**EDITOR IN CHIEF**

Dr. Anguraja R  
Professor & HOD  
Dept. of Electrical & Electronics Engineering

**MEMBER**

Prof. Sharmila R S  
Associate Professor

Prof. Rajath Shankar P S  
Assistant Professor



**Sri. B. Bylappa, President, WET**

I am very happy that the Department of Electrical & Electronics Engineering is bringing out an E –NEWS LETTER. I congratulate all those concerned with this work.

**Sri. B. Manjunath, Executive Director, DBIT**

Congratulations to the Principal, HOD & Faculty of Department of Electrical & Electronics Engineering. Keep it up. Nice work portraying achievements of the department expecting many more editions in future.

**Sri. Raghav Bylappa, Secretary, WET**

Happy to learn that the Department of Electrical & Electronics Engineering is progressing very fast and lots of events are being conducted. I wish all the success to the Faculty of the department and to the EEE “E -NEWS LETTER”



Testimonials

**Dr. Hemadri Naidu T, Principal, DBIT**

Dear Dr. Anguraja R  
You and your Colleagues are to be congratulated for the endeavors in bringing up the bench mark of quality of the department by organizing many student development oriented activities. My hearty Best Wishes to EEE “E -NEWS LETTER”

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

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

## Vision

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

## EVENTS ORGANISED

“Emerging Career Opportunities in the Field of Electrical and Electronics Engineering on 29<sup>th</sup> August 2020”

### Resource Persons:

**Dr. SANJEEV K NAYAK**, B.E. M.TECH, PhD (NITK, Surathkal) Specialist, Automotive Division, L & T Technology Services, Bengaluru.

**Mr. SANTOSH ESWARAPPA**, Senior Engineer, Power System at Schneider Electric.

DBIT DON BOSCO INSTITUTE OF TECHNOLOGY KUMBALAGODDU, BENGALURU

\*\*\* We cordially invite all the Engineering aspirants for the webinar on \*\*\*

**“ EMERGING CAREER OPPORTUNITIES IN THE FIELD OF ELECTRICAL & ELECTRONICS ENGINEERING ”**

Organized by  
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING  
-In association with IQAC

Presided By:  
Shri. B. Bylappa  
President, WET

Shri. Raghav Bylappa  
Secretary, WET

Dr. Anguraja. R  
HOD, EEE

RAVEENDRA R  
Program Co-ordinator  
(9980797997)

Shri. Manjunath P. B  
Vice President, WET

Dr. Hemadri Naidu T  
Principal, DBIT

SANTHOSH KUMAR R  
Program Co-ordinator  
(8660967414)

Please click the below link to Register :  
<https://forms.gle/akXPFLN8wERw43CF7>

Date: 29<sup>th</sup> August 2020 Time: 11:00 AM

**ABOUT SPEAKERS**

**Dr. SANJEEV K NAYAK**  
B.E. M.Tech, Ph.D(NITK, Surathkal)  
Specialist, Automotive Division,  
L & T Technology Services, Bengaluru

The eminent resource person, Dr. Sanjeev K Nayak has pursued his Bachelor of Engineering in the stream of Electrical & Electronics Engineering from Basaveshwar Engineering College, Bagalkot. He completed his Masters in Power Systems and Power Electronics at UBDT College of Engineering, Davangere. He completed his P.D titled from National Institute of Technology, Karnataka, Surathkal in the year 2015 in the most flourishing segments of Hybrid cells and Distributed Generation and has earned wide laurels and appreciations. His expertise in the application of simulation tools such as MATLAB/SIMULINK, PSCAD/EMTDC is remarkable. Till date he has published 8 papers in International Journals and 16 papers in International & National Conferences Publications. He is highly passionate in sharing knowledge and so delivers expert talks regularly on latest advancements. He has given a technical talk on "Hybrid Distributed Generation System in Seamless Operation System" at Workshop at CPRI, Bangalore and expert lecture on the "Big Data Management in Electrical Engineering" in the workshop organized by the interdisciplinary department at NMIT, Bangalore. He has attended more than 15 National Workshop in IITs, NITs and several other institutions. He has Visited Wisconsin University, Madison, Milwaukee USA, Kumamoto University, Kumamoto Japan, Naanyang University Singapore, King Abdulaziz University, Jeddah Saudi Arabia and Peradeniya University, Kandy, Sri-Lanka.

**SANTOSH ESWARAPPA**  
Senior Engineer  
Power system at Schneider Electric

The resource person has 6+ years of expertise as power system consultant. Currently working as a senior power system engineer in Schneider Electric. Alumni of Don Bosco institute of technology.

## FDP / CONFERENCE ATTENDED

1. Mrs. Padmashree V Kulkarni attended 5 days online FDP on "**Energy Engineering**" from 2020-11-9 to 2020-11-13 at GANDHI INSTITUTE FOR EDUCATION AND TECHNOLOGY ,BANIATANGI.
2. Mrs. Padmashree V Kulkarni attended 6 days STTP on "**Power Utilities and Artificial Intelligence - Leveraging the Data**" during 07th – 12th December, 2020 organized by the Department of Electrical & Electronics Engineering, CMR Institute of Technology, Bengaluru.
3. Mr. Rajath Shankar P.S attended Five Days Online Faculty Development Program on "**Next Generation Intelligent Power Grid Technologies – A Future**" conducted by DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING - DSATM in association with IEEE PES, Bangalore Chapter from 28-07-2020 to 01-08-2020.
4. Mrs. Vijayshree G attended Six Days Online Short Term Training Programme on "**Intellectual Property for Engineers & Scientists**" - Phase 1 from November 9th 2020, to November 14th 2020.

**FACULTY JOURNAL PUBLICATIONS**

1. Dr. Anguraja R, **“Selective Coordination and its impact on Low-Voltage System Design & Arc Flash”** , International Journal of Innovative Technology and Exploring Engineering (IJITEE) , Volume-9 Issue-10,ISSN: 2278-3075
2. Dr. Anguraja R, **“Adaptable SVC Design Methodology for Power Quality Improvements in Steel Melting Shops”**, International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume-9 Issue-10 ISSN: 2278-3075

FUNDED STUDENT PROJECTS

1. Project titled “**Motor and its control for E-rickshaw**”, got funded by VTU (₹ 5000/-) Guided by Dr. Anguraja R.
2. Project titled “**Solar Automated ultrasonic sound and visual animal deterrent using motion detection**”, got funded by VTU (₹ 5000/-) Guided by Dr. Ramesh Kumar V