



## **BMS College of Engineering Bangalore**

### **Online Hands-on Workshop**

**On**

### **“Simulation tools for Power converters and applications”**

**27<sup>th</sup> to 31<sup>th</sup> July 2020**

**Organized**

**By**

**Dept. of Electrical & Electronics Engg, BMSCE,  
IEEE PEELS, IES, SSIT  
Bangalore Chapters**

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**Dr. A. USHA**  
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Dept. of EEE, BMSCE

### **Co-ordinators:**

- 1. Dr. Prema V**  
Associate Professor,  
Dept. of EEE, BMSCE
- 2. Ms. Soniya Agrawal**  
Assistant Professor,  
Dept. of EEE, BMSCE
- 3. Dr. Suresh N.S.**  
Assistant Professor,  
Dept. of EEE, BMSCE

### **Objectives:**

- ❖ Strengthening the quality of post graduate power electronics course and demand-driven Research & Development and Innovation.
- ❖ Emphasis on details of techniques of Power electronics Converters design and analysis to bridge the gap between industry and academia.

## **BMS College of Engineering**

B.M.S. College of Engineering (B.M.S.C.E) was founded by a great visionary and philanthropist Late Sri. B. M. Sreenivasaiah (B.M.S) in the year 1946. The College became an autonomous institution under Visvesvaraya Technological University (VTU) in the year 2008-09. B.M.S.C.E offers 13 UG, 16 PG & 15 Research programs. B.M.S.C.E is accredited with A Grade by NAAC (2013-2018) and National Board of Accreditation (NBA), New Delhi under Tier-I NBA Accreditation Washington accord. The College is one of the prestigious engineering institutions in the country and a Technical Education Quality Improvement Programme (TEQIP) Institute since 2006.

### **Dept. of Electrical and Electronics Engg.**

The department was established in 1946 under grant in aid from Govt. of Karnataka with an undergraduate pro-gram in Electrical and Electronics Engineering having a sanctioned intake of 60. The program has been granted academic autonomy since 2008 and has been accredited by NBA (Washington Accord) under Tier-I format. The post graduate program in Power Electronics was established in 1991 with an intake of 18 and has been accredited by NBA. The department has been recognized as R & D Centre under VTU since 2002 and as QIP Research Centre by AICTE since 2011.

## IEEE PELS and IES Bangalore Chapters

IEEE PELS & IES Bengaluru Chapters got its official approval in the year 2017. Inauguration Ceremony of PELS society was held in 2017 and of IES society in 2018 in Department of Electrical Engineering Department at IISC Bangalore. Both these societies are growing and the numbers of members and activities are increasing every year. The Power Electronics Society is dedicated to:

- Upholding the vital scientific and educational aspects of power electronics and its applications.
- Keeping its members around the globe up to date on state-of-the-art technological developments and advances in power electronics research.

Industrial Electronics Society is dedicated to:

- Diverse range of technical activities devoted to the application of electronics and electrical sciences for the enhancement of industrial and manufacturing processes
- Addressing the latest developments in intelligent and computer control systems, robotics, factory communications and automation, flexible manufacturing, data acquisition and signal processing, vision systems, and power electronics. The Society continually updates its program of technical activities to meet the needs of modern industry

## Outcomes

### At the end of the course,

- Students would be confident to successfully carry out internships and projects by the industry.
- Students would be able to identify the areas in Power Electronics to carry out project work.
- Students would have acquired the necessary skills for design and development.

## Participation

Participation is for the nominated Post Graduate Students and faculty from various institutions.

## Resource Persons

The resource persons will be experts from IISc, other academic institutions and power electronics Industry. It is scheduled to have two sessions of 2 hours each, everyday.

### For More Details, You May Please Contact the coordinators:

#### 1. Dr. Prema V

Associate Professor,  
Dept. of Electrical & Electronics Engg,  
BMSCE, Bangalore- 560019,  
Karnataka.  
Mob: +91 9986041498  
Email: [prema.v.eee@bmsce.ac.in](mailto:prema.v.eee@bmsce.ac.in)

#### 2. Soniya Agrawal

Assistant Professor,  
Dept of Electrical & Electronics,  
BMSCE, Bangalore- 560019,  
Karnataka.  
Mob: +91 8792817419  
Email: [soniya.eee@bmsce.ac.in](mailto:soniya.eee@bmsce.ac.in)

#### 3. Dr. Suresh N.S.

Assistant Professor,  
Dept. of Electrical & Electronics Engg.,  
BMSCE, Bangalore- 560019,  
Karnataka.  
Mob: +91 97864 28841  
Email: [sureshns.eee@bmsce.ac.in](mailto:sureshns.eee@bmsce.ac.in)

## Dates of the Workshop

27<sup>th</sup> to 31<sup>st</sup> JULY 2020

## Registration

### Registration fee:

IEEE members : ` 300/-  
Non- IEEE members : ` 500/-

## Payment Details

Account Name: HOD Electrical  
Account No: 20274182545  
IFSC:ALLA0212011  
Bank: ALLAHABAD BANK  
Branch: HANUMANTH NAGAR BRANCH

**Open the below link and register yourself.**

## Registration form

**E-certificate will be provided for all participants**