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# Karnatak Law Society's Gogte Institute of Technology, Belagavi.

( An Autonomous Institution under VTU, Belagavi)  
(Accredited by NBA, NAAC A+)



**IEEE North Karnataka Sub Section and IEEE Power and Energy Student Chapter, KLS Gogte Institute of Technology, Belagavi jointly organizes**



**One Week Workshop**

on

**Advanced Technologies in Electrical and Electronics System**

**ATEES-2022**

**3<sup>rd</sup> - 7<sup>th</sup> January 2022**



**Organized by**

**Department of  
Electrical & Electronics Engineering  
KLS Gogte Institute of Technology,  
Belagavi -590008  
Karnataka, India**

## Resource Persons

### Dr. Bikash Pal

Professor, Imperial College London, England

### Dr. Akhtar Kalam

Professor, Victoria University, Melbourne, Australia

### Dr. R. Nagaraja

Managing Director, PRDC, Bengaluru

### Dr. D. R. Joshi

Professor, KLS G. I. T. Belagavi

### Mr. Suhas Kulkarni

Vice President, Global Service Sales Manager, ABB, Bengaluru

### Prof. Gajendra Deshpande

KLS G. I. T. Belagavi

## About the Workshop

Modern power system is undergoing a paradigm shift in its structure and operation. The demands for low cost power provision with least environmental damage are compelling the optimal planning and operational measures. To address the issues and challenges faced by the power system, the workshop invites experts to deliberate in the following area of power systems namely,

- Role of distribution system in future smart grid—significance and challenges
- Reactive power control in power systems
- Machine learning and data analytics applications in power engineering
- Evolution and applications of block chain technology in power systems
- Recent trends in renewable energy sources
- Significance of asset performance management in industries

## About Gogte Institute of Technology

Gogte Institute of Technology (GIT) is a self-financing engineering institute started in 1979 to meet the growing demand for technically trained manpower required for the industrial and economic growth of the country. The college is managed by Karnatak Law Society and is affiliated to Visvesvaraya Technological University, Belagavi, India and recognized by AICTE, New Delhi. The college offers UG courses in eight disciplines, PG courses in seven disciplines including MCA & MBA. The college has ten research centers offering M.Sc.(Engg.) by research and Ph.D. programmes under different streams. GIT has received Autonomous status since 2015. Institute is accredited by NBA (UG-Civil, C.S, Mechanical, E&C, E&E and PG-Structural, Machine Design) and NAAC(A+).

## About the Department

The department of Electrical & Electronics Engineering started in the year 1979, offers undergraduate course in Electrical & Electronics Engineering with an intake of 60 and is permanently affiliated to VTU Belagavi and an Accredited by NBA,NAAC. The department also has a research center with fourteen research scholars working in the area of power system/renewable energy sources etc. The department of Electrical and Electronics Engineering is taking initiatives to enhance the quality education. New laboratories in the emerging area are developed such as Electrical Vehicle, Data Acquisition & IoT, Embedded System and Signal System Processing laboratories. The department has commissioned and maintaining 450 kW solar Roof Top plant and commissioned Electric Charging station for two wheelers to support green initiative.

The department has well qualified faculty with expertise in power systems, electronics and computer applications. The department of electrical and electronics engineering at GIT is consistently organizing Workshops and National conferences alternatively since past fifteen years as flagship event.

## Who can attend?

**Faculty of engineering college, industry personnel, research scholars, PG/UG students of engineering colleges are eligible to attend the workshop**

**Registration Fee: NIL**

## Registration Link:

<https://forms.gle/ewxxfxGrecxmppuj8>

## Whatsapp Group Links:

**Join Whatsapp group after registration**

<https://chat.whatsapp.com/Jrqi5K8GbTI1uvZ2af08wW>

<https://chat.whatsapp.com/BaBCmqwIZSZ7g1Hp831HIB>

**Number of Seats: 200**

## Event Details:

**All the sessions will be conducted through online platform. The meeting link will be sent to the selected participants through whatsapp group/ email**

## Workshop Certificate:

**E-Certificates will be issued to the participants who attend minimum 75% of the sessions**

**Last date for registration:**

**01<sup>st</sup> January 2022**