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No Registration Fees

Platform



Registration Link

Click to Register

Last Date of registration: 8th August 2020

Contact us ✉ : bnmiteefdp@gmail.com

Certificate

E-certificate will be provided to all the registered participants who attend all the sessions and submit the feedback form.

Eligibility

Open to faculties of all the branches, Ph.D aspirants, PG Students, Research scholars and Industrial participants.



Five Days International Virtual Faculty Development Programme

on

**“Upskilling for the Future:
Technical Innovations &
Research Opportunities in
Power Engineering”**

10th – 14th August 2020

Organized by

**Department of Electrical &
Electronics Engineering**



Vidyayamrutamashruthe

B. N. M. Institute of Technology

Approved by AICTE, Affiliated to VTU, Accredited as grade A Institution by NAAC.
All UG branches - CSE, ECE, EEE, ISE & Mech. E accredited by NBA for academic years 2018-19 to 2020-21 & valid upto 30.06.2021
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About B.N.M Institute of Technology

BNM Institute of Technology (BNMIT) was established in the year 2001 under the aegis of BNM Charities. The institute offers undergraduate programs in Electrical & Electronics Engineering, Electronics & Communication Engineering, Computer Science Engineering, Information Science Engineering, Mechanical Engineering, postgraduate programs in VLSI & Embedded Systems, Computer Science Engineering and MBA in Management studies. BNMIT is one of the highly-rated engineering colleges under VTU in Bangalore, Karnataka with excellent results in all branches of Engineering, MBA & M.Tech with more than 90% students getting First Class with Distinction.

BNMIT is accredited as a Grade A Institution by NAAC. All UG branches – CSE, ECE, EEE, ISE and Mech.E are accredited by NBA for the academic years 2018-19 to 2020-21. The Institute is ranked in the band of 151 - 200 by National Institute Ranking Framework (NIRF), Ministry of Human Resource Development.

BNMIT is one of the few Institutes in Karnataka to receive a grant of 2.87 Crores for the New Generation Innovation and Entrepreneurship Development Centre (New Gen IEDC) from the Department of Science and Technology (DST).

About the Department

Ever since its inception in the year 2002, the Electrical and Electronics Department of BNMIT has got a respectable name, both in the state and the region. The Department of Electrical and Electronics Engineering offers an undergraduate program in Electrical and Electronics Engineering and Postgraduate Course in Computer Applications in Industrial Drives.

The faculties of Electrical and Electronics Engineering are highly acclaimed individuals with the skill set, covering wide areas of industrial and applied research. They ensure that the courses foster deep learning and increased engagement amongst the students. Such commitment from our fraternity, not only gives our graduates an edge in deciding the right career path but also guarantees that by

the time they graduate with a degree, they will have vast hands-on, real-world experience in Electrical and Electronics Engineering.

The students are highly motivated by the project funding, provided by the New Gen IEDC from the Department of Science and Technology, Govt. of India. Industrial Personals are frequently invited by the Department to train the students with the latest skillset. The Department of EEE has been accredited by the National Board of Accreditation (NBA) which is an additional feather on its crown.

About the FDP

Learning, whether at an individual or corporate level is the need of the hour. Upskilling in today's digital age offers an opportunity to position oneself for higher success and opportunities. At the most basic level, upskilling involves keeping abreast of the latest changes in terms of technology, processes, domains, business avenues, etc. The power grid has been continually updated with new technologies including increased efficient and environmentally friendly generating sources, advancements in computerized monitoring and energy-efficient load management. Public policies, economics, and technological innovations are driving the rapid rate of change in the electric power system. The electrical power system has transitioned to the new two-way power flow system with a fast rate and continues to move forward. The electric power industry faces significant challenges in achieving grid parity. Applications of HVDC and FACTS provide performance solutions, but they may further complicate network operation and planning. The need for network control becomes exacerbated by the large-scale growth of energy efficiency and demand utilizing inverter-based technologies, including applications of electric vehicles. Our FDP focuses primarily on the recent progressions in the smart grid technologies, electricity markets, renewable energy technologies, power electronics applications in grid integration & electric vehicles and opportunities available in academia and industry with an emphasis on ML.