APPLICATION FORM

ISTE* Approved Short Term Training Programme
on Wheel
"Recent Trends and Industrial Practices in Electrical Engineering"
July 03 – July 15, 2023

Under the Auspices of
Centre for Quality Assurance and Academic Development

Organized by
Department of Electrical Engineering,
Institute of Technology,
Nirma University, Ahmedabad

1. Name: ………...………………………………..
2. Qualification: …………………………..................
3. Designation: …………………..………………..
4. Organization: ………………………………..
5. ISTE Membership No.: ………………………
6. Address for correspondence:.…………………
   ………………………………………………
   ………………………………………………
   ………………………………………………
   Phone:……..………………………………….
   E – mail:.………………………………........
7. Experience (years) in relevant area:
   Academic :……………Industry:......................
8. DD Rs……………..No:…………dated……….
   Bank:…………………………………………..
9. Accommodation required: YES / NO

Date :

Place :   Signature of Applicant

* Approval is in process

Objectives

At the end of the programme, the participants will be able to:
- To give industrial exposure related to electrical engineering
- To upgrade the participants with recent development and advancement of industrial practices relevant to electric engineering
- To enhance academia – industry relations for future development in-turn of student internship and project placement.

Course Content

- To visit relevant industries within Gujarat, working in the domain of electrical engineering like Vehicular BMS, charging software protocol, hydrogen electric industries, cyber security of grid, AI for transmission line surveillance, Wide area measurement, Automation in Power system, Advance electric machines and their design etc.
- Session by Industry experts on industrial practices and simulation packages

Speakers

Course will be conducted majority on wheel by visiting various industries and interacting with their experts for best practices/innovations/technologies adopted. Few sessions may be delivered by experts working in Research Organizations, Utilities and Industries.

Evaluation Criteria and Grade Allocation

A method of formative and summative assessment will be followed to evaluate the learning by participants during the programme and grades will be allocated to the participants based on the evaluation. The certificate will be given only to those participants who have been able to successfully clear the evaluation criteria.

Eligibility for STTP

Faculty from Electrical Engineering, Mechanical Engineering and Chemical Engineering backgrounds, professionals from industries, utilities, consultants and R & D organizations in Electrical Engineering and relevant field, and Ph.D. students working in similar domains.

Course Fee and Registration

Faculty Members	Rs. 5000/-
Participants from Industry and R&D Organizations	Rs. 8000/-
Full – time Research Scholars	Rs. 3000/-

Course fees include softcopies of learning material, tea, and a working lunch. Participants are required to make their own arrangements for lodging, boarding, and traveling. However, on request, the arrangement for accommodation can be made on a chargeable basis. All other expenses are to be borne by the participants. The course fee is non-refundable and inclusive of GST.

Important Dates

Last date for receipt of application	29/06/2023
Confirmation of Selection by Email	01/07/2023
Commencement of Course	03/07/2023

Certificate from Sponsoring Authority (If applicable)

This is to certified that_____
is employed in our organization and the information stated by him/her has been verified and found correct. We sponsor him/her for attending Short Term Training Programme.

Date: Signature of sponsoring
Place: authority with seal

About Nirma University

Nirma University, NAAC Accredited 'A+' Grade, was established in the year 2003 as a statutory university under Gujarat State Act at the initiative of Nirma Education and Research Foundation (NERF). In 1994, founder of Nirma Industries and an internationally renowned entrepreneur Dr Karsanbhai K Patel crystallized his long cherished dream of providing world class facilities for professional education in Gujarat. He established NERF, which in turn established seven institutions. Functioning under the aegis of NERF, the university presently includes of a top grade – Institute of Technology (1995), a leading business school – Institute of Management (1996), an Institute of Pharmacy (2003), Institute of Science (2004), Institute of Law (2007) and Institute of Architecture (2014), Institute of Commerce (2016), and Department of Design (2017). All these institutions have emerged as centers of excellence offering various programmes ranging from undergraduate to doctoral levels in technology, engineering, business, pharmacy, sciences, law and architecture.

About the Institute

Institute of Technology is a leading institute offering multidisciplinary undergraduate, postgraduate, MCA and PhD programmes in engineering. Institute is located in peaceful and sylvan surroundings, about 15 km from Ahmedabad Railway Station on Sarkhej Gandhinagar highway. The institute provides an inspiring environment to all students to expand their intellectual dimension and recognize their hidden talents, not only in the technical field, but also in life skills. The academic ambiance provides full scope for development. The presence of the institute can also be felt by its alumni spread in national and multinational organizations as well as leading universities throughout the world. The Institute is ranked within top 25 self-financed engineering colleges of India in the survey conducted by various rating agencies. The faculty members and students of the Institute have won many prestigious awards and bring laurels to the institute.

About Department

Department of Electrical Engineering runs U.G., PG, and Ph.D. programmes under the Umbrella of the Institute of Technology, Nirma University. Electrical Engineering Department is accredited by the National Board of Accreditation (NBA) under Tier-I category. The Department offers B.Tech. Programme in Electrical Engineering and M. Tech. Programmes in Electrical Engineering with specialization in Electrical Vehicular Technology. The department is enriched with the latest equipment like advanced electrical machines, solar and wind energy trainer kits, DSP kits, D-Space, OPAL-RT, Power and Spectrum Analyzer, HV laboratory, etc. and Software Packages like MATLAB, SPEED, ANSYS, MAGNET, Motorsolve, PSCAD, PSIM, NEPLAN,

Solid Thinking etc. The department has the state of art laboratories and all necessary facilities to enhance the quality of the teaching-learning process. The department also organizes training programs, workshops, seminars, and conferences for students, academicians and people from industries.

Centre for Quality Assurance and Academic Development

Nirma University has constituted a Centre for Quality Assurance and Academic Development (CQAAD) (formerly known as Academic Development and Research Cell) in the year 2008. The prime task of the CQAAD is to facilitate and participate in the development of a system for conscious and consistent improvement in the academic and administrative performance of the University. The centre facilitates the constituent institutes to ensure the sustenance of best academic practices; suggests innovative practices; takes new initiatives to remove deficiencies and enhance academic and administrative quality; promotes finest learning–teaching ambience and prepares for accreditation. The CQAAD is vibrant and regularly organizes various faculty development programmes in diversified areas which include induction programme, orientation programme, refresher programmes, short term training programmes, etc. and also the training programmes for non-teaching staff of the University. The CQAAD also undertakes department, institute and university level academic audit to facilitate the efforts of the constituent institutes of the University in leveraging the academic and research standards, conformity to strategic planning and overseeing extension activities for social benefits, etc.

How to Apply

Interested applicants are requested to fill-up the attached application from and return, along with, duly signed certificate of sponsoring authority (in case of faculty members from engineering colleges, professionals from industry and R&D organizations) or bonafide certificate issued by the authority (in case of full-time Ph.D. students) as applicable. The form shall be sent to the following address, so as it reaches on or before 29/06/2023:

Please send the duly filled application form to:
Dr. Manisha T. Shah
Assistant Professor and Coordinator
Department of Electrical Engineering,
Institute of Technology, Nirma University,
Sarkhej- Gandhinagar Highway, Tragad Patia,
PO Chandlodia, Ahmedabad - 382 481
Tel.: (079)-30642412 (O), +91 – 9426582226 (M)
E-mail: Manisha.shah@nirmauni.ac.in

ISTE Approved Short Term Training Programme
on
Recent Trends and Industrial Practices in Electrical Engineering

July 03 – July 15, 2023

Coordinator
Dr. Manisha T. Shah

Under the Auspices of
Centre for Quality Assurance and Academic Development

Organized by

Department of Electrical Engineering
Institute of Technology,
Nirma University,
Sarkhej-Gandhinagar Highway
Ahmedabad- 382 481, Gujarat, India
Phone: +91-079-30642412
Fax: +91-2717-241917
Website: www.nirmauni.ac.in