

Nirma University

Nirma University was established by the initiative of the NIRMA EDUCATION AND RESEARCH FOUNDATION (NERF). The University was established in the year 2003 as a statutory university under a special act passed by the Gujarat State Legislative Assembly. It is recognized by the University Grants Commission (UGC) under Section 2(f) of the UGC Act. The University is duly accredited by National Assessment and Accreditation Council (NAAC) with "A" Grade. The University is a member of Association of Indian Universities (AIU) and the Association of Commonwealth Universities (ACU).

Functioning under the aegis of NERF, the University consists of Institute of Technology, Institute of Management, Institute of Pharmacy, Institute of Law, Institute of Science, Institute of Architecture and Planning, Institute of Commerce, Department of Design. The University is identified with cutting edge research, robust academic programmes, quality teaching learning process and over-all personality development interventions of its students. The 110 acres sprawling state of art campus provides refreshing environment and stimulates intellectual growth and creativity.

About Institute of Technology

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 academic ambience 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 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.

Achievements

- National Award for Engineering College having Best Clean and Green Campus for the year 2015 by Indian Society for Technical Education (ISTE).
- National Awards for the Best Teacher in Gujarat state, Best Chapter Award, Best Student Chapter Award several times by ISTE.
- Students won national ROBOCON competition in 2002, 2003, 2006, 2008, 2011, 2014, 2015 and represented India in International meets.
- Institute has been ranked in first 20 top Engineering Colleges across the country as per the survey published by various leading magazines.
- M BAJA and E BAJA - Three times Go-Green Award, First in Endurance Race, Overall third rank in M-BAJA, Sledge-pull award, Maneuverability Award, Raftar Award.
- Students of Team Arrow from Institute of Technology, Nirma University has achieved 1st overall position and 2nd position in Technical Design Report submission in SAE Aero Design Challenge – 2021.

About Department

The Department of Electrical Engineering, NBA Accredited, runs U.G. and P.G. programmes under the Umbrella of Institute of Technology, Nirma University. The Department offers one B. Tech. Programme in Electrical Engineering and one M. Tech. Programme in Electrical Engineering with specialization in Electrical Power Systems (EPS). It also offers Ph.D. degree. The department is enriched with latest equipment like advanced electrical machines, solar and wind energy trainer kits, DSP kits, DSpace, 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 teaching-learning process. The department also organizes training programmes, workshops, seminar and conferences for students, academicians and people from industries.



Gujarat Council on Science & Technology
(GUJCOST) sponsored National Webinar
on

*Emerging Trends in Electric Motors for
Electric Vehicle Applications*

Date: September 23-24, 2021

Programme Coordinator
Dr. Amit N. Patel
Assistant Professor, EE Dept.
Prof. Tejas H. Panchal
Assistant Professor, EE Dept.



Organized By
Department of Electrical Engineering
Institute of Technology
Nirma University



Department of Science & Technology
Government of Gujarat



OBJECTIVE OF THE PROGRAM

This Programme is intended to provide knowledge on emerging trends and techniques in the field of electrical motors for electric vehicle applications. It will impart the knowledge about important aspects of Permanent Magnet Motors and Switched Reluctance Motors. It will be useful for the students, researchers, faculty members and industry personnel working in relevant field.

OUTLINE OF CONTENTS

- *Need of advancements in Electrical Motors.*
- *Construction, operational issues and performance improvement of Permanent Magnet Motors.*
- *Construction, operational issues and performance improvement of Switched Reluctance Motors.*

RESOURCE PERSONS

Eminent experts from foreign countries Industry/research organizations and academicians from IIT/NIT.

FOR WHOM

Faculty members of engineering colleges & polytechnics, PhD scholar, students and industry personnel can fill up the attached application form and mail it to the Coordinator.

COURSE REGISTRATION FEE

Following is the course registration fee including GST.

FEE (Rs.)	Participant
50	Student, PhD scholar
100	Teacher, industrial personnel

E-Course material and e-certificate will be provided to all participants. Participants are required to make their own arrangements for attending the training program online at their convenient place. Per day engagement will be approximately 03 hours.

HOW TO APPLY

Non-refundable registration fee is to be paid online in following bank account.

Account name	Institute of Technology, Nirma University
Bank & branch	The Kalupur Commercial Co. Operative Bank Ltd. Branch: Nirma University
Account number	09720180111
IFSC code	KCCB0NRM097

The applicants are required to fill the Google Form for the registration and upload snap shot of bank transaction on or before 20/09/2021. Following is the link of Google form.

<https://forms.gle/SRMa4iZbaGk2xXB29>

For further details contact:

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