

ABOUT SRM IST

SRM Institute of Science and Technology is one of the top ranking universities in India with over 50,000 students and 2,800 faculty members, offering a wide range of undergraduate, postgraduate and doctoral programs in Engineering, Management, Medicine and Health sciences and Science and Humanities. It has established itself as a premier centre for teaching, research and industrial consultancy in the country. It has world class infrastructure including smart classrooms, hi-tech labs, advanced instruments and equipments, research laboratories, modern library and Wi-Fi facility. SRM IST has been categorized as grade A University by Ministry of Human Resources Development (MHRD) Government of India and accredited by NAAC with 'A++' grade in 2018. SRM Institute of Science and Technology (formerly known as SRM University) has been awarded a Four Star rating by Quacquarelli Symonds ('QS'), a leading global higher education company with over 250 employees across 5 continents spanning over 25 languages. Recently, SRM IST has been awarded the maximum 5-star rating on Teaching, Employability and Inclusiveness.

ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering came into existence in the year 1992-1993 as a key entity of SRM Engineering College under the affiliation of University of Madras. Since then there has been a consistent development in all spheres including infrastructure facilities, staff development and student development. The programmes offered by the department under the University of Madras were brought under the ambit of Anna University from the year 2002. From 2003-2004 the department started functioning under SRM Institute of Science and Technology (Deemed University). The department now offers B. Tech (Electrical and Electronics Engineering),

M. Tech - Power Electronic and drives, M. Tech - Power systems and Ph.D program under the Faculty of Engineering and Technology, SRM University. The EEE department has 14 laboratories with modern equipment supported by special purpose software packages like MATLAB, PSPICE, PSIM, PSCAD, ETAP, MAGNET, POWER WORLD SIMULATOR etc. B.Tech Electrical and Electronics Engineering of Kattankulathur Campus is accredited by the Engineering Accreditation Commission of ABET. It has over 80 faculty members whose areas of expertise and research include power electronics and power system. The faculty members of the department have contributed to academics by publishing books, research articles in high-impact peer-reviewed journals, presenting papers in conferences delivering guest lectures and invited talks. The department has tie-ups with recognized institutions, industries and R&D laboratories for student projects, training and research activities.

ABOUT THE WORKSHOP

Energy efficiency has an important role in today's world energy scenario. The main objective of this workshop is to discuss on emerging topics in smart grids such as renewable, energy storage, PEVs integrations with their impacts on the power system control/operations and energy market implementation, smart energy market design for smart grids. This Workshop involves hands-on experience on simulation on integration of renewable energy. To help the participants to learn the design of energy efficient systems and insight to the concepts on smart energy like green energy, smart city, smart grid and energy harvesting technologies. Attending this course will be of great benefit to the teachers by familiarizing themselves with the state of the art in energy technologies and planning long-term research programmes.

Registration details

Registration fee: Rs. 750/-

Filled up registration form is to be sent along with the DD for registration fee in favour of "SRMIST" payable at Chennai.

Registration fee includes

- Lunch and refreshment
- Conference kit
- No TA/DA will be provided

Important dates

Last date for registration: 5th February, 2019

Information of acceptance: 10th February, 2019

All communication should be sent to:

The Co-ordinator,
Department of Electrical & Electronics Engineering
SRMIST, SRM nagar, Kattankulathur
Kanchipuram District, TamilNadu, India.

Phone: 04427452270

Mobile: 9444572505, 9884823790

Fax: 044-27453903

Email id: divyanavamani.j@ktr.srmuniv.ac.in

URL: www.srmuniv.ac.in



SRM
INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University u/s 3 of UGC Act, 1956)

**Three days workshop
On
Energy Efficient solutions for smart
energy systems**

February 14th-16th 2019

REGISTRATION FORM

Name: _____

Designation/ Department: _____

Institution: _____

Address for communication:

Mobile No.: _____

Email: _____

Payment Details: Amount: _____

DD No: _____ Date : _____

Bank Branch: _____

Date

Place

Signature of the Participant

Topics to be covered:

- Efficient Power conversion and storage system
- Energy conservation through smart homes
- Power Monitoring & Management system
- An energy efficient solution: Plug in electric vehicle
- Energy efficient smart grid technology
- Optimization techniques to improve energy efficiency in power system

Resource Persons

National Institute of Wind Energy (NIWE), Chennai.
National Institute of Ocean Technology (NIOT), Chennai.
Larsen and Turbo, Bangalore.
Electrical Viksandvik design India Ltd.
Academicians from various engineering college and universities.

One Day Visit to “National Institute of Wind Energy, Govt. of India, Chennai

Targeted participants

Faculties from various engineering colleges/universities
Industry participants
Research scholars and U.G and P.G students



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Organized by

**Department of Electrical and Electronics Engineering
Faculty of Engineering and Technology
SRM institute of science and technology, SRM nagar, Kattankulathur-603203
TamilNadu, India**

Sponsored by

**Tamilnadu State Council for Science and Technology
&**

Supported by

National Institute of Wind Energy

Convener

Dr. K. Vijayakumar, HOD/EEE

Coordinators

**J. Divya Navamani, Asst.Prof, EEE
A. Lavanya, Asst.Prof, EEE**