REGISTRATION FORM

Name :

Designation :

Department :

Institution :

Contact Address :

Mobile Number :

E-mail Id :

DD/ NEFT DETAILS

Bank Name :

DD Number/NEFT :

Date :

Signature of the Applicant

Signature of the Head of Institution / Department

Online registration is available in our College website: www.kongunadu.ac.in

REGISTRATION

UG & PG Students/Research scholars/Faculty/ Industry Persons: Rs.300

The Registration fee to be paid through Demand Draft (DD) drawn in favour of "The Principal, Kongunadu College of Engineering and Technology", Payable at Namakkal.
NEFT details are available in website

RESOURCE PERSONS

Resource Persons are invited from reputed Industries and Institutions.

NOTE

Selection will be on First Come First Serve basis and the selected candidates will be intimated through e-mail only.

DATES TO REMEMBER

Last Date for Registration: 10.12.2018

Intimation of Selection : 11.12.2018

ACCOMMODATION

Accommodation will be arranged in the college campus on prior request.

FOR FURTHER DETAILS CONTACT

Mr.K.Karthik, M.E, MISTE.,
Assistant Professor /EEE,
Kongunadu College of Engineering & Technology.
Mobile : +919047157183, +918015329133
E-mail : hodeee@kongunadu.ac.in

Kongunadu
College of Engineering & Technology

Tamilnadu State Council for Science and Technology (TNSCST)

Sponsored

TNSCST

Two Days National Seminar

On

"RECENT ADVANCEMENTS IN ENERGY STORAGE TECHNOLOGIES FOR SMART GRID APPLICATIONS"

December 21 & 22, 2018

Organized by

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai, Accredited by NAAC B++ Grade, Recognized by UGC with 2(f) & An ISO 9001:2015 Certified Institutions)

Namakkal-Trichy Main Road, Thottiam,
Trichy (Dt)-621 215,Tamilnadu.

Website:www.kongunadu.ac.in

Mail ID: **hodeee@kongunadu.ac.in**

ABOUT THE COLLEGE

Kongunadu College of Engineering and Technology (KNCET) was established in the year 2007, Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai, Accredited by NAAC with B++ grade, Recognized by UGC with 2(f) and certified by ISO 9001:2015.The college has 6 UG courses (CSE, IT, ECE, EEE, Mechanical Engineering and Civil Engineering) and 3 PG courses of CSE, Embedded System Technologies and Applied Electronics. The college stands 14th rank among 509 Engineering Colleges affiliated to Anna University, Chennai based on university examinations. The college has signed MoU with industries and R&D institutes like ICAR-NRCB, IMTI, TVS Harita Techserv, CISCO, DELL EMC, ABE Semiconductor Designs for Center of Excellence, Wizard systems etc., The college attracts outstanding students by virtue of its discipline, Modern infrastructure Library and Faculty members.

ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering was established in the year 2010 to cater the needs of the students. The faculty of department has vast experience in academia and industry. The department offers four year UG programme and two year PG programme (EST). The student acquire interpersonal and communication skills from EEE association and promote their professional skills through IEEE& ISTE. The department is established with Center of Excellence for Embedded system course and the department has filed nine patents and six industrial designs for product development. Our students have completed an innovative social relevant project on Solar Lantern & E-Rickshaw through our R&D lab. Our department R&D cell has developed a Banana Conveyor Belt Mechanism for Farmers and has been launched during National Foundation Day on August 21, 2017 at ICAR NRCB, Trichy.

ABOUT THE SEMINAR

Renewable energy sources, such as wind and solar, have vast potential to reduce dependence on fossil fuels and greenhouse gas emissions in the electric sector. Energy storage technologies will have an important position in combination of renewable energy sources in modern electrical power systems and smart grid. To determine the potential role of storage in the grid of the future, it is important to examine the technical and economic impacts of variable renewable energy sources. New technologies are also in the pipeline to meet future demand for electricity storage. In addition to compressed air and hydrogen storage, decentralized battery storage solutions, such as electric car batteries, are also in development. Energy storage technology has great potential to improve electric power Smart Grids, to enable growth in renewable electricity generation. This seminar gives a overview about the current energy storage technologies and their applications available and the opportunities and challenges the power systems faces for successful integration of Renewable energy sources to smart grid.

COURSE CONTENTS

- Market Trends, Forecasts, Drives and Challenges for Energy Storage
- Need of Energy Storage in Smart Grid Applications
- Energy Storage Devices and its types
- Smart grid applications of selected energy storage technologies
- Energy Management for sustained system
- Opportunities and Challenges in Smart Grids

ORGANIZING COMMITTEE

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Kongunadu Institutions.

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Kongunadu Institutions.
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Principal, KNCET.
Dr.J.Yogapriya,
Dean R&D, KNCET.

CONVENER

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Mr.R.Gopalakrishnan, AP/EEE, KNCET

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Faculty Members of Electrical & Electronics Engineering