

ABOUT THE INSTITUTE

Narayana Engineering College was established in the year 1998 under the chairmanship of Dr P Narayana. This is one of the most prestigious institutions sponsored by Narayana Educational Society, across India. Within a short period, the college has witnessed significant growth and established itself as one of the premier private unaided Engineering Colleges in Andhra Pradesh today and in recent times our college was ranked as 'A' Grade by the Govt. of AP.

The Institute offers a 4-year B Tech Programme in six branches at UG level (EEE, ECE, CSE, EIE, ME, CE) and seven courses at PG level (M.Tech- EPE, EPS, VLSI, DSCE, CSE; MBA & MCA) with a total intake around 2500. All the Labs are well established with State-of-the Art facilities and are periodically updated with latest equipment. The Institution has got 9 well furnished Computer Centers with the latest licensed software. In addition to disciplined education, the college consists of an Air Conditioned Central Library with more than 45,000 volumes and a Digital Library with 24-hour Internet facility. A full-fledged Training and Placement Cell facilitates the aspiring professionals in acquiring corporate skills towards grabbing placements in MNCs.

The department of Electrical and Electronics Engineering aims to produce Engineers that combine academic excellence with practical expertise. The department came into existence at Narayana Engineering College in 1998 by the approval of the All India Council for Technical Education (AICTE). The department has progressed rapidly and is now regarded as one of the premiere departments, with excellent infrastructure and a highly qualified and dedicated faculty. At present, the department is offering B.Tech(EEE) and M.Tech(EPE & EPS) with total intake of 120 and 42 respectively. The majority of our students have been well placed in many companies through campus interviews and many of our students are pursuing their higher education at various premier institutions like IIT's, NIT's and also in abroad.

PREAMBLE ON SEMINAR

A nation's growth rate and People living standard is discerned by per capita energy consumption among other factors like Per Capita income, Inflation rate, Whole sale Price Index etc. India the second most populous country and having more than a sixth of the world's population has the Per Capita Energy consumption of only 0.53 Kg of Oil equivalent (KgOE) when compared to the world average of 1.82 KgOE.

The country meets 30% of energy requirements through imports hence a huge expenditure to the exchequer. According to IEA, coal/peat account for 40% of India's total energy consumption followed by 24% from Oil, 27% combustible renewable and waste, 6% from natural gas, 2% Hydroelectric and nuclear energy 1% indicating majority of the contributions from non-renewable resources.

The above two factors indicate country's poor living standard and impacts on growth and its sustainability. Improving the efficiency with which energy is used provide economic services meet the dual objective of promoting sustainable development and also making the economy competitive. This also plays a key factor in reducing the demand and supply of energy requirement.

OBJECTIVES OF THE SEMINAR

The Seminar aims to create awareness among the Staff, Managers from industries and other stake holders like working professionals in Energy Auditing on the importance of Energy Conservation, Demand Side Management and the Role of Energy Auditing in MSME industries and Domestic sectors. The Seminar in particular aims to achieve the above objectives by providing a forum for educating the attendees on National Electricity Policy on minimizing overall Energy requirement, energy conservation and demand side management. Various schemes introduced by Bureau of Energy Efficiency (BEE) and Ministry of Power through 11th Five year plan achievements and the goals set for the 12th Five year plan. The various strategies schemes adapted and the results achieved and the benefits to practitioners.

RELEVANCE AND OUTCOME OF THE SEMINAR

The seminar is of high relevance to today's energy crisis the country is facing hence affecting its growth. Therefore an eye opener for the stake holders from the industry to take measures on Energy conservation strategies by reducing waste and include Energy auditing measures in their respective firms. The fruits of short term and long term growths would be instilled among the participants by case studies, government schemes encouraging the MSME on EE and DSM adaptations. The seminar will educate the participants on the Utility based Demand Side Management adapted for the 12th Five year plan through 1)Load Survey, 2)Load strategies, 3)Demonstration studies, 4)Advanced Metering and 5)DSM Financing etc. Energy Conservation strategies for the 12th Plan period and the Strengthening of State designated Agencies in carrying out energy efficiency initiatives at state level will be discussed.

Various case studies on DSM activities such as BESCOM Lighting program, implementation of Solar Water heaters by Government of Karnataka and Vidhyuth Jagruthi Yojane program to name a few would be discussed.

The seminar also aims to conduct a mock Auditing by participants on a typical MSME industrial environment through educating the participants on Auditing methods, goals and objectives as per Government Norms and by providing multiple data sets from such industries. This will provide an hands on opportunity to appreciate importance and challenges involved in Energy Auditing.

Innovations in the Auditing methods and Industrial Processes leading to Energy Conservation and Efficiency improvements will be discussed as an outcome of seminar. The participating faculty will be able to understand the current practices adapted in Energy Consumption and Conservation in industry and the role of Energy distribution Companies in ensuring Policy enforcing among the energy users. The faculty will be abreast with new initiatives by government in Domestic and non-industry sectors and innovations happening in Electrical appliances for example conventional incandescent lamps replacement with LEDs, the energy star labeling of high power rated appliances such as Air conditioners and refrigerators.-

ELIGIBILITY CRITERIA

- Faculty from AICTE Approved Colleges and Universities.
- Employees from Industry/R&D
- Research Scholars & Post graduate Students

REGISTRATION

Registration fee is Rs 500/- and it is to be paid at the time of registration on 02/06/2016. The number of participants is limited & hence the interested participants need to e-mail registration form to eacdsm2016@gmail.com

IMPORTANT DATES

Last Date for Registration : 30th May 2016
Intimation of Acceptance : 31st May 2016
Dates of seminar : 2nd and 3rd June 2016

CONTACT:

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Mr KV Kishore – 9966438234

Department of Electrical & Electronics Engineering
Narayana Engineering College
Approved by AICTE and Permanently Affiliated to JNTUA, An
ISO 9001:2008 Certified Institution,
Recognized by UGC U/S 2(f) & 12(B) & 'A' grade by Govt. of AP
Nellore, A.P., India.

A Two Day National Seminar
on
"ENERGY AUDITING CONSERVATION AND
DEMAND SIDE MANAGEMENT"
2nd – 3rd June 2016

Registration Form

1. Name:
2. Designation:
3. Organization:
4. Mailing Address:
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.....
.....
5. Ph. No:
6. Email:
7. Participation Category: Faculty / Student

Date: *Signature of Applicant*

Mr / Ms _____ is an
employee of our Institution and is here by sponsored.
He / She will be permitted to attend the Programme if
selected.

Date: *Signature of Sponsoring Authority*

Official Seal:

RESOURCE PERSONS

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Mr MK Ganapathy
Director, Engineering Services
Blue Bell Integrated Facility Services
Mr K Magesh Kumar
Sr. General Manager, Engineering Services
Blue Bell Integrated Facility Services
Dr K Srinivas
Divisional Engineer, APTRANSCO
Dr KV Pavan Kumar
Assistant Divisional Engineer, APSPDCL

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Co-ordinator
Mr G Srinivasulu Reddy, HOD.EEE

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On
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(EACDSM-2016)
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Sponsored by
Science and Engineering Research Board
(SERB - DST)



Organized
by
Department of
Electrical and Electronics Engineering

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