

OBJECTIVE

Energy Audit is the key to a systematic approach for decision-making in the area of energy management. It attempts to balance the total energy inputs with its use and serves to identify all the energy streams in a facility. It quantifies energy usage according to its discrete functions. Industrial energy audit is an effective tool in defining and pursuing comprehensive energy management programme. In any industry, the three top operating expenses are often found to be energy (both electrical and thermal), labour and materials. If one were to relate to the manageability of the cost or potential cost savings in each of the above components, energy would invariably emerge as a top ranker and thus energy management function constitutes a strategic area for cost reduction. Energy Audit will help to understand more about the ways energy and fuel are used in any industry and help in identifying the areas where waste can occur and where scope for improvement exists.

The primary objective of Energy Audit is to determine ways to reduce energy consumption per unit of product output or to lower operating costs. Energy Audit provides a bench-mark for managing energy in the organization and also provides the basis for planning a more effective use of energy throughout the organization.

This seminar aims in exposing the participants to energy conservation and energy efficiency improvement techniques with real time case studies from different industrial and commercial establishments

COURSE CONTENTS

- ✓ General aspects of Energy Management and Energy Audit
- ✓ Energy Efficiency in Thermal Utilities
- ✓ Energy Efficiency in Electrical Utilities
- ✓ Energy Performance Assessment for Equipments
- ✓ Energy Conservation in transmission and distribution
- ✓ Power Quality Issues and It's Mitigation Techniques

ORGANIZING COMMITTEE

Chief Patron : Thiru. S. S. Kandasamy
President/Vellalar Educational Trust

Patron : Thiru S. D. Chandrasekar
Secretary/Vellalar Educational Trust

President : Dr. M. Jayaraman, Principal
Velalar College of Engineering and Technology

Vice Presidents : Prof. L. Peter Stanley Bebington,
Dean (Academics)
Prof. P. Jayachandar,
Dean (Student Affairs)

Convener : Dr. P.Sakthivel,
Professor & Head / EEE

Co-ordinators : Mr. P.Rajasekaran, AP(Sr.Gr.)/EEE
Mr.K.Vanchinathan,AP(Sr.Gr.)/EEE
Mr.D.Rajkumar, AP (Sr.Gr.) / EEE

RESOURCE PERSONS

Sessions will be handled by experts from reputed organizations and proficient faculty of the institution.

REGISTRATION FEES

Industrial Participants : Rs. 800/-
Academicians/ Research Scholars : Rs. 500/-
PG Students : Rs. 300/-

HOW TO APPLY?

The interested participants may send their duly filled-in applications along with the demand draft drawn in favor of **“The Principal, Velalar College of Engineering and Technology”** payable at **Thindal.**

SCHEDULED DATES

Last Date for Receipt of Applications : 10.11.2017
Date of Intimation regarding selection : 12.11.2017

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY (AUTONOMOUS)
THINDAL, ERODE-638012.

TWO DAYS NATIONAL LEVEL SEMINAR
On

“Energy Management and Energy Audit”
(17.11.2017 & 18.11.2017)

REGISTRATION FORM

Name :

Designation :

Organization :

Gender :

Age :

Educational
Qualification :

Address for
Communication :

Mobile No. :

Email ID :

Experience

Teaching : _____ years

Industry : _____ years

Payment Details

DD No. :

Amount :

Date :

Bank Name :

DECLARATION

The above information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the course. If selected, I shall attend the programme for the entire duration. I also take the responsibility to inform the coordinator in case I am unable to attend the course.

Place:

Date: Signature of the Applicant

SPONSORSHIP CERTIFICATE

Mr./Ms./Dr. _____

_____ is an employee/ student of our Institution/ Organization and is hereby sponsored. He/ She will be permitted to attend the programme, if selected.

Place:

Date: Signature of Sponsoring Authority

Application form completed in all respects is to be sent to

Dr.P.SAKTHIVEL, M.E., Ph.D.

Professor & Head

Convenor Seminar EMEA

Department of EEE,

Velalar College of Engineering and Technology,
Thindal, Erode-638012, Tamilnadu.

Contact: 9843540935, 9994100403

E-mail: vcetemerflux@gmail.com

ABOUT THE COLLEGE

Velalar College of Engineering and Technology (VCET) established in the year 2001, approved by AICTE, New Delhi and affiliated to Anna University, Chennai. It is governed by Vellalar Educational Trust (VET). It has completed 17 years of dedicated and excellent service in technical education. The college offers 7 Under-graduate programmes, 6 Post-graduate programmes and 5 Research programmes. The college has been accredited to National Assessment and Accreditation Council (NAAC) with 'A' Grade. The college has attained the autonomous status in the year 2016.

ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering is one of the first few disciplines started at the time of inception. The Department has been accredited by National Board of Accreditation (NBA), New Delhi. The department offers UG programme with an intake of 120 students and PG programme in Embedded System Technologies with an intake of 18 students. The department has been playing a pioneering role in producing world class technocrats. The infrastructure and lab facilities are upgraded from time to time and provide adequate opportunities for students and researchers to learn and innovate. The department has distinguished faculty, holding masters' and doctoral degrees from renowned institutes. The faculty of the department have been constantly carrying out research on many cutting edge technologies and regularly publish papers in journals. The department grew with time, reflecting the needs of a changing society and established new areas of teaching and research in electrical engineering.

ABOUT THE LOCATION

The College is situated at Thindal on the State Highways (SH-96) about 90km from Coimbatore and 8km from Erode.

TWO DAYS NATIONAL LEVEL

SEMINAR ON

“ENERGY MANAGEMENT AND ENERGY AUDIT”

17th & 18th November 2017

Organized by

**DEPARTMENT OF ELECTRICAL
AND ELECTRONICS
ENGINEERING**

(Accredited by NBA, New Delhi)



VELALAR

**COLLEGE OF ENGINEERING AND
TECHNOLOGY
(AUTONOMOUS)**

(Accredited by NAAC with 'A' grade)
(Approved by AICTE & Affiliated to Anna
University, Chennai)

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