

GAYATRI VIDYA PARISHAD

College of Engineering for Women

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Department of Electrical and Electronics Engineering

Organizes

A WEBINAR ON

Energy Audit and Management:

Importance and Career Perspective

on

29th August, 2020

Time: 10:00 AM to 12:30 AM

INSTITUTION

G.V.P. College of Engineering for Women is established under the aegis of Gayatri Vidya Parishad, an educational society founded by eminent academicians, industrialists, and Philanthropists of Visakhapatnam. To empower women in technological and engineering fields, the society has established this engineering college exclusively for women in the year 2008. It is a self-financed institution offering excellence in engineering education and is affiliated to Jawaharlal Nehru Technological University, Kakinada (JNTUK), approved by AICTE, New Delhi.

The College is offering UG courses in ECE, EEE, CSE, IT and a PG Course in ECE. The college is accredited by NBA for ECE, CSE and IT. The institute has very good infrastructural facilities, e-classrooms, and well equipped laboratories. The college has well qualified faculty to train the women engineers who are in pursuit of their professional careers in the courses offered by the institute.

ABOUT EEE DEPARTMENT

The department of Electrical and Electronics Engineering was established in 2011 and offers B.Tech Program in EEE. The Department is well established with experienced faculty having multiple years of experience and involved in research activities in the areas of power systems, renewable energy systems, control systems and advanced power electronic drives. The department has state-of-the-art laboratories with advanced software and hardware to facilitate research in major areas of EEE. The department flourishes in its enthusiastic and energetic environment comprising of the major fields of Electrical, Electronics and Elements of Computer Science.

ABOUT THE TOPIC

Energy Audit (EA) is an integral part of energy conservation and energy management. EA for an organization is defined as “the verification, monitoring and analysis of use of energy including submission of technical reports containing recommendations for improving energy efficiency with cost benefit analysis and an action plan to reduce energy consumption.” Hence, EA is the

index of the consumption which normalizes the situation of energy crisis by providing the conservation schemes.

OBJECTIVE OF THE WEBINAR:

Industrial energy audit is an effective tool in defining and pursuing comprehensive energy management program. A detailed energy audit will help owners to understand about the ways energy is being used in their organizations, and identifying the energy wastage areas provide scope for conservation of energy. Such an audit program will help to keep focus on variations that occur in the energy costs, availability, and reliability of supply of energy, help decide on the appropriate energy mix, identify energy conservation technologies, retrofit for energy conservation equipment, etc. The major areas of discussion are as follows:

- Energy Audit concept and its relationship with environment
- Career opportunity for Young Minds as Energy Manager/Energy Auditor
- Create awareness on Energy Management and Auditing
- Saving opportunities in Lighting and Energy saving in residential sector

RESOURCE PERSON

Mr. R. V. Ramana Rao
SE, APEPDCL (Retd.),
Certified Energy Auditor,
Electrical Safety Auditor,
Faculty Member, PCRA

ABOUT THE RESOURCE PERSON

Mr. R V Ramana Rao received his B.E. degree from Andhra University. He also pursued his B.L. He retired as Superintending Engineer, Eastern Power Distribution Ltd (Formerly APSEB) after working for 33 years. He is a Member of Expert panel on Electrical Safety: National Safety Council of India. He is also a Chartered Engineer (IEI). He is a certified Energy Auditor/Bureau of Energy Efficiency (EA1600), Ministry of Power New Delhi. He is a Lead

Auditor ISO 9001 (QMS) & 14001(EMS), 50001(EnMS), OHSMS 45001. He is also an External Faculty Member PCRA- Ministry of Petroleum, New Delhi and REC Power Management Training Institute. He is also an Empaneled Electrical Safety auditor in Quality Circle Forum of India, Indian Register of Shipping and National Safety Council India. He has a vast experience in Electricity Generation, Transmission, Operation & Maintenance of Distribution systems, and Construction of 33/11KV substations.

REGISTRATION:

No Registration fees.

WHO CAN PARTICIPATE?

The webinar is exclusively for present and passed out students of EEE, GVPCEW.

E-certificates will be sent to the participants after attending the quiz followed by webinar.

REGISTRATION FORM

Click on the below link for registration form.

<https://tinyurl.com/y6fzgkxh>

All the participants will be sent the meeting link one day prior to the webinar.

CONTACT

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