A Continuing Education Programme of PSG College of Technology, Department of Mechanical Engineering, and PSG CARE, Coimbatore

The PSG Center for Academic Research and Excellence was founded in October 2015 by the PSG & Sons Charities Trust with a mission to promote teaching excellence in all the colleges under the Trust. Toward this end, CARE will encourage the use of learner-centric pedagogical practices that facilitate effective learning and will foster dialogue and reflection on effective teaching through workshops, seminars, one-to-one consultation and other activities.
INTRODUCTION AND OBJECTIVE

The objective of this course is to equip the auditors/engineers, managers and students to acquire the skills and techniques required to implement energy management. Apart from the lectures, hands-on laboratory sessions on efficiency testing are planned at PSGCT/PSGIMSR. The course also includes hands-on training field visits and tutorials to help participants understand the concepts involved in Energy Conservation activities in multi-specialty hospitals.

COURSE CONTENT

1. Introduction about BEE and their Exam Patterns
2. Scope of Energy Audit in India
3. Approach and Methodology
4. Performance Evaluation of all Utilities such as HVAC, Lighting, Pumps Etc,
5. Barriers
6. Lists of Instruments used for Energy Audit
7. Instrument Calibration Data Sheet
8. Live Data Collection if all the points are available
9. Performance Analysis
10. Suggestion for various Energy Conservation Measures (ECMs)
11. ISO 50001 - Energy Management Systems
12. Technical Institutions - Solar sector
14. Past & Present Installation Capacity
15. PV Plant Design – SOFTWARE
16. Employment
17. Green Building
18. List of Green Building Rating Systems in the World
19. Alternative Building Materials and Technologies
ENERGY AUDITING

IMPORTANT DATES AND VENUE

The energy auditing short-term course will be held in PSG College of Technology, from 19th April to 25th April 2020.

Last date for receipt of the duly filled Registration form and course fee: 17th April 2020.

Intimation to Selected Participants: Within 48 hours of the registration and till 17th April 2020.

ELIGIBILITY

- Research Scholars of State/Central Engineering Colleges,
- Teachers of State/Central Govt./Private Degree Level Engineering Colleges,
- Engineers working in Industries dealing with various branches of Agriculture / Civil / Mechanical Engineering,
- Hospital Energy Managers/Auditors, Certified Energy Auditors.

COURSE FEE

- Engineers from Industries: INR 6,000/- *
- Teachers from the degree level engineering colleges: INR 4000/- *
- Students/Research scholars: INR 2000/- *

The demand draft should be drawn in favour of “PSG CNCE”, payable at Coimbatore

* (Including GST)
REGISTRATION FORM

A SHORT TERM COURSE ON ENERGY AUDITING
19th April – 25th April, 2020

Name:
Designation:
Mailing Address:
Phone:
Mobile:
Email:
Date of Birth:
Highest Academic Qualification:
Experience in Energy Auditing (if any):
Date:
Place:  Signature of the applicant