

About the Institution

College of Engineering, Guindy (CEG), being one of the premier institutions of higher education in India, takes pride in having produced engineers of the top calibre. A testimony to the green and lush institute's outstanding quality and excellence is its consistent presence among the top ten positions in multiple rankings of engineering colleges pan India. Established in 1794, the iconic college has been nurturing exceptional talents in science, technology, business, and engineering. Roots of CEG dates back to May 1794 when it was formed as a School of Survey. It was established as a college in 1859 under the Madras University, and is India's oldest engineering and technical institution.

About the Institute

Anna University, one of the premier universities in the country, has established Centre for New & Renewable Sources of Energy (CNRSE), in the year 1984 and later it was renamed as Institute for Energy Studies (IES) in the year 1999, considering the need for creating trained manpower for energy projects, ensuring energy security and environmental conservation. This Institute has the state-of-the art facilities in the field of solar and energy engineering and serves as a hub for learning of higher standards and gaining hands-on experience in the fascinated field of energy engineering and solar energy.

Programme Objectives

- ❖ To create a platform for interaction between industrial experts with academics
- ❖ Briefing on the need, types and barriers to Energy Audit
- ❖ To learn about the instruments used for Energy Audit
- ❖ To create awareness about energy efficiency and its impact in Residential Buildings
- ❖ To understand the energy saving options in Air Conditioners, Refrigerators, Motors, Pumps, Illumination Systems, Cooking, Water Heaters and other systems
- ❖ To understand the concept of Net Zero Buildings

Course Coverage

The following topics will be covered

- ❖ Energy Audit – Benefits and Prospects
- ❖ Instruments for Energy Audit
- ❖ Detailing on Electricity Bills
- ❖ Net Zero Buildings
- ❖ Application of Renewable Energy in Residential Buildings
- ❖ Energy saving avenues in
 - Air Conditioners
 - Refrigerators
 - Motors
 - Pumps
 - Illumination Systems
 - Cooking
 - Water Heaters

ONLINE SIX DAY AICTE-AU

SHORT TERM TRAINING PROGRAMME

(STTP)

ON

Avenues for Energy Conservation in Residential Buildings

24 - 01 - 2022 to 31 - 01 - 2022
(Online Mode)

Co-ordinators

Dr. M. Venkata Ramanan

Dr. P. Balachander



Sponsored by

AICTE, NEW DELHI

&

Organized by

Centre for Faculty Development
ANNA UNIVERSITY
CHENNAI

Conducted by

Institute for Energy Studies,
Department of Mechanical Engineering,
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Guindy, Chennai – 600025.
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Phone : 044 2235 7597



Registration form

Name (in capitals) :
Gender :
Qualification :
Designation :
Department :
Experience (in years) :
Institution :
Address for Communication:
.....
.....
..... PIN.
E-mail :
Phone (Off.) :
Mobile No. :

Declaration

I declare that all the details furnished above are true to the best of my knowledge and I agree to abide by the rules and regulations governing the conduct of programme.

Date: _____ Signature of the Applicant

Certificate from Head of the Institution/organization

Dr./Mr/Mrs/ is an employee of our Institute and is hereby sponsored by us. He/She will be permitted to attend the online STTP, if selected.

Signature with seal
of Head of the Institution/organization

Who can Attend

- ❖ Faculty members working in colleges affiliated to Anna University
- ❖ Industry personnel

Registration Details

- ❖ There is no registration fee for the STTP.
- ❖ Maximum of 100 participants are permitted to attend.
- ❖ Registration for the STTP can be done using the registration form and photocopy of the form should be submitted to the google form link provided.
- ❖ Participants will be selected on first come first serve basis.
- ❖ Selected candidates will be intimated by E-mail.

Link for Registration Form

<https://forms.gle/jV5gCGbL2eanpsTD8>

For further details, contact:

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Dr. P.Balachander - +91 94448 86323

Organizing Committee

Chief Patron	Dr. R. Velraj Vice-Chancellor Anna University, Chennai
Patron	Dr. G. Ravikumar Registrar i/c Anna University, Chennai Col. B. Venkat Director (FDC) AICTE, New Delhi Dr. L.Suganthi DEAN CEG Anna University, Chennai
Chair	Dr. P. Vanaja Ranjan Director, CFD Dr. V. Adaikkalam Addl Director, CFD
Co-Chair	Dr. S. Balasivanandha Prabu Professor and Head, Department of Mech. Engg., Anna University, Chennai
Co-ordinators	Dr. M. Venkata Ramanan Professor and Director, Institute for Energy Studies, Department of Mech. Engg., Anna University, Chennai Dr. P. Balachander Assistant Professor, Department of Mech. Engg., Anna University, Chennai

Important Dates:

Submission of Application	: 17.01.2022
Intimation of Selection	: 20.01.2022
Confirmation by Participant	: 21.01.2022