

TARGET AUDIENCE

This Five-day short-term course is deliberately designed for the faculty members of the AICTE approved institutions (Polytechnic Colleges and Engineering Colleges) and staff of host institutions.

RESOURCE PERSONS

The Resource persons shall include eminent faculty from NITs, Anna University, Government & reputed academic institutes and Leading Scientific Organizations & Industries.

PARTICIPATION CERTIFICATE

E-Certificate will be issued if a participant has all the below:

- 70% of attendance
- 50% of test score
- submission of feedback
- active participation in the programme.

ADDRESS FOR CORRESPONDENCE

Dr. N. Karimilla Bi
Assistant Professor/Mathematics
Faculty Development Training Centre,
Government College of Technology,
Coimbatore - 641 013.
Email: ftc@gct.ac.in

ABOUT THE PROGRAMME

The objective of this Faculty Development Program (FDP) on “Recent Advances in Energy & Heat Transfer System” is to cover the basics of Enhancement techniques for solar thermal energy applications, and Energy analysis of energy systems. This FDP provides the platform for the faculty members to interact with experts from industry or faculty specialized in the area of Solar and thermal energy technologies. It also aims at helping the faculty members to enhance their knowledge and to do research with novelty and technologies.

COURSE CONTENTS

- Energy scenario
- Solar thermal collectors and applications
- Research challenges in the use of Enhancement techniques for Thermal Energy Applications
- Thermal Energy Storage System
- Energy analysis of energy systems
- Applications of Nano Technology
- Heat Pipes
- Bio-Diesel
- Recent R&D in Energy
- Innovative HVAC



Five Day Faculty Development Programme (Online) on “Recent Advances in Energy & Heat Transfer System”

16.10.2023 to 20.10.2023

Organized by

**Department of Mechanical Engineering
Government College of Engineering
Dharmapuri – 636 704
Tamil Nadu**



Sponsored by

**Faculty Development Training Centre (FDTC)
Government College of Technology
Coimbatore - 641 013
Tamil Nadu**

ABOUT GCT, COIMBATORE

Government College of Technology, Coimbatore formerly known as the Arthur Hope College of Technology, was started in July 1945 to give high priority to Technical Education. The institute was renamed as Government College of Technology and affiliated to University of Madras in 1951. The institute offers Nine UG and Eleven PG programmes with recognized research supervisors to pursue M.S. (by Research) and Ph.D. programmes. The institute was granted full autonomy for all the UG and PG courses from the academic year 1987-88. Each department has well qualified faculty members and excellent infrastructural facilities. The institute received TEQIP funds in Phase I, II and III of MHRD project. The institute is accredited by NAAC with 'A' grade.

ABOUT THE FACULTY DEVELOPMENT TRAINING CENTRE

The Faculty Development Training Centre was established in the year 2019 to provide technical trainings to Engineering and Polytechnic college faculty members by Tamil Nadu State Government. It is equipped with sophisticated smart class rooms and tutorial rooms. It provides boarding and lodging

Facilities to resource persons and participants during the training programme. The programmes are organized to enhance the teaching skills of the faculty members.

ABOUT THE INSTITUTION

Government College of Engineering, Dharmapuri was started in 2013, a fruition of the far-reaching vision of Dr. J. Jayalalitha, Honourable Chief Minister of Tamil Nadu. The institution is one

of the Government Engineering Colleges in Tamil Nadu and is located at the foothills of thickly forested hillocks on a sprawling land area in chettikarai, Dharmapuri.

The faculty members have strong sense of responsibility to provide the finest possible education for students. Our institution provides guidance and support for the students to grab opportunities for attending a Foreign Technical Training Programme (FTTP) offered by Government of Tamil Nadu and every year and also organizes many skill development programs for every year to enhance the skills of the students.

REGISTRATION

- No Registration fees.
- Faculty members from AICTE approved institutions (Polytechnic Colleges and Engineering Colleges) are invited to participate in this Programme.
- Participants will be selected on first-come first-served basis.
- Selected candidates will be intimated through E-mail.

IMPORTANT DATES:

Last Date for Registration: 12.10.2023

Intimation of Selection: 13.10.2023



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REGISTRATION LINK

Registration has to be done only through

<https://forms.gle/KqdZp5GMwNsu1Hey5>

QR CODE

