

TARGET AUDIENCE

This two-week faculty development program is deliberately designed for the faculty members from AICTE approved institutions (Polytechnic Colleges and Engineering Colleges) from departments including (not limited to) Physics, Chemistry, Mechanical Engineering, and Electrical and Electronics Engineering.

RESOURCE PERSONS

Faculty experts from premier academic universities/institutions and experts from leading industries, research and development organizations.

PARTICIPATION CERTIFICATE

Certificate will be provided only to participants who attend all the sessions.

IMPORTANT DATES

Last date for registration: **10-10-2024**

Intimation of selection: **11-10-2024**

VENUE FOR FDP

Faculty Development Training Centre
Government College of Technology
Coimbatore

ADDRESS FOR CORRESPONDENCE

Dr. N. Karimilla Bi

Assistant Professor/Mathematics
Faculty Development Training Centre
Government College of Technology
Coimbatore - 641 013
Phone: 9445357125

OBJECTIVES

The objectives of the FDP program include

- Giving exposure to the participants to realize the need of advanced functional material for energy storage and generation.
- Providing exposure to practical solutions for energy storage and generation devices and their industrial application with sustainable development.
- Giving the participants hands on sessions on recent advancements in functional materials for energy storage and generation.

COURSE OUTLINE

This two-week offline Faculty Development Program (FDP) aims to equip participants with the latest advancements and applications in Electrochemical Energy Storage and Conversion. The program will delve into key areas including:

- **Introduction to energy storage devices and sustainable development**
- **Impedance Spectroscopy and its Applications**
- **Lithium Batteries**
- **Fuel cells**
- **Supercapacitors**
- **Solar Cells**
- **Green and Clean Energy**



Tamil Nadu State Government-Sponsored
Two-Week Offline
Faculty Development Programme
on
Emerging Trends in Electrochemical
Energy Storage and Conversion Devices

14-10-2024 to 25-10-2024

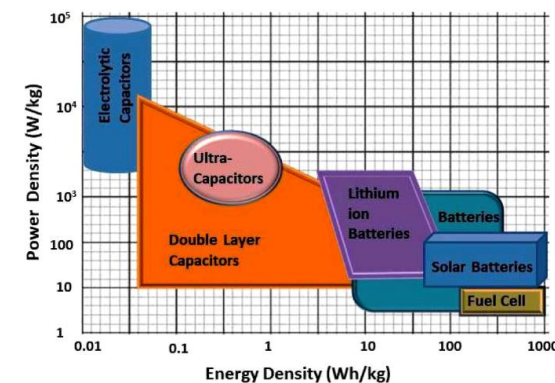


Image Courtesy: Bulletin of Material Science, 43, (96) 2020
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Organized by

Faculty Development Training Centre
Government College of Technology
Coimbatore - 641 013, Tamil Nadu, India
&

Department of Science and Humanities
CIT Sandwich Polytechnic College
Coimbatore - 641 014, Tamil Nadu, India

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 programs with RECOGNIZED research supervisors to pursue M.S. (by Research) and Ph.D. programs. The institute was granted full autonomy for all the UG and PG courses from the academic year 1987-88. 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 of 2019 to provide technical trainings to Engineering and Polytechnic college faculty members by the 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 program. The programs are organized to enhance the teaching skills of faculty members.

ABOUT THE INSTITUTION

CIT Sandwich Polytechnic College is one among the prestigious institutions run by the V. Rangaswamy Naidu Educational Trust founded in 1955 by Late Sri. V. Rangaswamy Naidu for promoting Technical Education and Industrial Training in Tamil Nadu. The polytechnic which is aided by the state government of Tamil Nadu was started in the year 1961 and is located near Civil Aerodrome, Avinashi Road, Coimbatore. Since its inception the institute has been trying its best to empower the students by transforming them into technically skilled, professionally ethical and socially responsible citizens.

ORGANIZING COMMITTEE

Patron

Dr. K. Manonmani
Principal, GCT, Coimbatore

HOD / FDTC

Dr. T. Purusothaman
Professor / FDTC, GCT, Coimbatore

Convener

Dr. R. Renuga
Principal
CIT Sandwich Polytechnic College
Coimbatore

Coordinators

Dr. R. Mangalam
Lecturer
Department of Physics
CIT Sandwich Polytechnic College
Coimbatore

Dr. K. Ganesh Muthuram
Lecturer
Department of English
CIT Sandwich Polytechnic College
Coimbatore

List of Resource Persons

Dr. S. Selvasekarapandian, Materials Research Center
Coimbatore
Dr. G. Chandramohan, PSG Institutions, Coimbatore
Dr. B. Nalini, Avinashilingam University, Coimbatore
Dr. K. Karthikeyan, Madras Christian College, Chennai
Dr. P. Manojkumar, PSGiTECH, Coimbatore
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Dr. R. Thirumoorthy, Director – CSR Trust



Tamil Nadu State Government Sponsored

Two-Week Offline

Faculty Development Programme

on

**Emerging Trends in Electrochemical
Energy Storage and Conversion Devices**

14-10-2024 to 25-10-2024

Registration Link

<https://forms.gle/JgFmMv1mNZSZ8YGaA>

QR Code



REGISTRATION

- No Registration fee
- Faculty members from AICTE approved institutions (Polytechnic Colleges and Engineering Colleges) are invited to participate in this Program
- Participants will be selected on first-come first-served basis
- Selected candidates will be intimated by e-mail
- No fee for Accommodation and Food

Faculty Development Training Centre, Government College of Technology, Coimbatore – 13

In association with Department of Science and Humanities, CIT Sandwich Polytechnic College, Coimbatore-14

Tamil Nadu State Government-Sponsored Two-Week Offline FDP

on

Emerging Trends in Electrochemical Energy Storage and Conversion Devices

14-10-2024 to 25-10-2024

ENROLLMENT FORM

1. Name :
2. Designation :
3. Qualification :
4. DOB & Sex :
5. Department :
6. Name of College :
7. Address for Communication :

8. Mobile No :
9. WhatsApp No :
10. E – mail :
11. Whether accommodation is required : **Yes / No**
12. Will Reach on : **13.10.2024 Evening / 14.10.2024 Morning**

Signature of the Applicant

This is to certify that Mr. /Ms. /Mrs. /Dr. _____ is permitted to attend Tamil Nadu State Government Sponsored Two-Week Offline FDP on “Emerging Trends in Electrochemical Energy Storage and Conversion Devices” from 14-10-2024 to 25-10-2024.

Date:

Seal and Signature of Head of the Institution