

ABOUT THE 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. 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 TRAINING CENTRE

The Faculty training centre was established in the year of 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 faculty members.

ABOUT THE INSTITUTION

Thanthai Periyar Government Institute of Technology, started in the year 1990, is one of the eleven Government Engineering Colleges in Tamil Nadu which is approved by All India Council for Technical Education (AICTE) and admits students purely on single window system of admissions. A sprawling campus surrounded by lush green cover, provides an ideal atmosphere for the students to learn and excel in the field of technical education.

In addition to theoretically reinforcing the fundamental concepts of the Engineering College exposes the students to latest trends, keeping in mind with industry requirements, through interactive practical sessions, held in well equipped laboratories. The college also conducts many International/National Level Conferences and Symposiums for the benefit of students, as a part of annual agenda, in order to get them acquainted with technological advancement and updating with evaluating trends.

ABOUT THE PROGRAMME

This FDP focuses on the futuristic Energy storage devices like, Supercapacitors, Batteries, fuel cells, solar cells and their working principles. Various requirements for the development of such devices, pros and cons of their utilities and eco-friendly making methods of those devices can be focused. It is therefore very much essential for the academicians to have a deeper understanding of key concepts, technological terms, components, devices and applications of the Energy system. It is also necessary to be familiar with the design aspects of each of the sub systems/components. This course aims at introducing the major components in a futuristic Energy storage system and their design. This course will be useful for the faculty members as for both B.E and M.E and they will get better insights to proceed with their research work too in the field of Energy devices.

TOPICS TO BE COVERED

- Energy storage devices
- Lithium Batteries
- Lead - Acid batteries
- Supercapacitors
- Fuel Cells
- Solar Cells
- DSSC

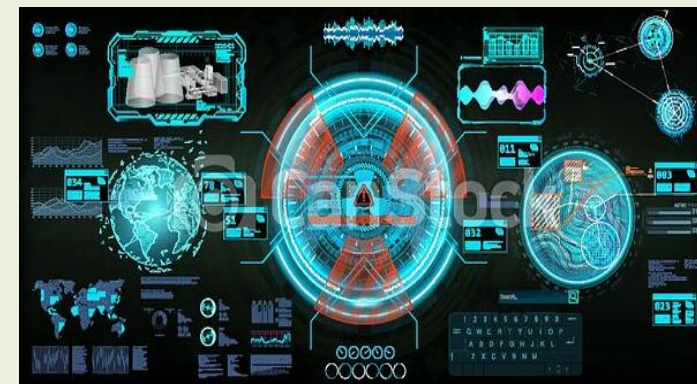


TAMIL NADU
STATE GOVERNMENT
SPONSORED
FIVE DAY ONLINE
FACULTY DEVELOPMENT
PROGRAMME



on
**Advancement in
Futuristic Energy Devices**

20-09-2021 to 24-09-2021



Organized By
Faculty Training Centre
Government College of Technology
Coimbatore - 641 013
&
Department of Chemistry
Thanthai Periyar Government
Institute of Technology
Vellore - 632 002

RESOURCE PERSONS

Dr. P. Elumalai

Professor & Centre Head
Centre for Green Energy Technology
Pondicherry University.

Dr. S. Anandan

Professor
National Institute of Technology
Tiruchirappalli.

Dr. S. Vengatesan

Senior Scientist
Electro-Inorganic Chemistry Division
Central Electrochemical Research Institute,
Karaikudi.

Dr. Raman Vedarajan

Centre for Fuel Cell Technology
International Advanced Research
Centre for Powder, Metallurgy and
New Materials, IIT - Madras.

Dr. A. Nirmala Grace

Centre for Nanotechnology Research
Professor & Director
VIT, Vellore.

Dr. S. ARULMANI,

Assistant Professor
Department of Chemistry
Bannari Amman Institute of Technology
Erode.

Dr. P. Sathya

Associate Professor
Department of Sensor and Biomedical Technology
Vellore Institute of Technology Vellore.

Dr. M. Tamilselvan

Professor & HOD of Physics
Government College of Technology
Coimbatore.

Dr. K. Govardhan

Associate Professor
Centre for Nanotechnology Research
Vellore Institute of Technology
Vellore.

Dr. T. Sekar

Associate Professor
Department of Mechanical Engineering
Government College of Technology, Coimbatore.

ADDRESS FOR CORRESPONDENCE

Mr. P. Duraisamy,

Assistant Professor / Mechanical,
Faculty Training Centre - GCT,
Coimbatore - 641 013.

Email: ftc@gct.ac.in

IMPORTANT DATES

Last date for registration : 15.09.2021
Intimation of Selection : 16.09.2021
Confirmation by Participants : 18.09.2021

REGISTRATION

- No registration fee.
- Faculty members from AICTE approved institutions are eligible to attend the FDP programme.
- Participants will be selected on first come first served basis.
- Selected candidates will be intimated by email.

REGISTRATION LINK:

Registration has to be done only through
<https://forms.gle/vpiqU6UfwmW5hw7LA>



PARTICIPATION CERTIFICATE

E - certificate will be issued based on the attendance percentage and assignment score.

ORGANIZING COMMITTEE

PATRON

Dr. P. Thamarai
Principal, GCT, Coimbatore

HOD/FTC

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

CONVENERS

Dr. M. Arularasu
Principal, TPGIT, Vellore
Dr. J. Sreerambabu
Vice-Principal, TPGIT, Vellore

COORDINATOR

Dr. N. Kalaivasan
Professor & Head / Chemistry
TPGIT, Vellore

CO-COORDINATORS

Mr. C. Raveendiran, Asst. Professor / Chemistry / TPGIT
Mr. K. Sakthikumar, Asst. Professor / Chemistry / TPGIT