

## TARGET AUDIENCE

This five day faculty development program is deliberately designed for the faculty members of the AICTE approved institutions (Polytechnic Colleges and Engineering Colleges)

## 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: **21-01-2024**

Intimation of selection: **23-01-2024**

## VENUE:

Faculty Development Training Centre,  
Government College of Technology,  
Coimbatore.

## OBJECTIVE

The objective of the FDP program is to

- To provide participants a strong foundation in the fundamental principles and concepts of Science and Engineering that underpin various advanced technologies.
- To give the participants an overview on the importance of science in everyday life.
- To provide conceptual understanding of how the technology got evolved from the science
- To create awareness and interest in science and technology among faculty and researchers.

## COURSE OUTLINE

This program covers a wide range of topics, including Physics, Chemistry, Nanotechnology, and Mathematics and aims to enhance participants' understanding on the principles and theories that govern leading technologies. Through this programme, participants will get opportunities to interact with expertise and scientists.

The lectures will enkindle the participants to pursue doctoral studies. The participants will learn to apply basic scientific knowledge to design and develop new technologies, solve complex problems. These skills will enable them to conduct research, design experiments, and work effectively in interdisciplinary teams. This FDP aims to equip the participants for productive research



**Tamil Nadu State Government Sponsored  
Five Day Offline  
Faculty Development Programme**

**On  
BASIC SCIENCE BEHIND  
ADVANCED TECHNOLOGY  
29-01-2024 to 02-02-2024**



**Organized by**

**Faculty Development Training Centre,  
Government College of Technology  
Coimbatore - 641 013, Tamilnadu, India.**

**&**

**Department of Basic Engineering  
Government Polytechnic College  
Valangaiman, Thiruvavur- 612804  
Tamilnadu, 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. 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 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 program. The programs are organized to enhance the teaching skills of faculty members.

## ABOUT THE INSTITUTION

Government Polytechnic College, Valangaiman, Thiruvarur, was started in the year 2016 with a mission to provide quality education to the students from marginalized family and rural areas. The Institution offers 5 Diploma programs in the core fields of engineering stream. The Institution has well-qualified and highly motivated faculty members and well-equipped laboratories to cater to the student needs.

## ORGANIZING COMMITTEE

### Patron

**Dr. K. Manonmani,**  
Principal, GCT, Coimbatore.

### HOD / FDTC

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

### Convenors

**Mr. L. John Louis**  
Principal,  
Government Polytechnic College,  
Valangaiman, Thiruvarur

**Dr. K. Murugan**  
HOD / Department of Basic Engg.  
Government Polytechnic College,  
Valangaiman, Thiruvarur

### Coordinators

**Dr. L. Emmanuel**  
Lecturer / Chemistry,  
Government Polytechnic College,  
Valangaiman, Thiruvarur

## ADDRESS FOR CORRESPONDENCE

**Dr. N. Karimilla Bi,**  
Assistant Professor/Mathematics,  
Faculty Development Training Centre,  
Government College of Technology,  
Coimbatore - 641 013.



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**Registration Link:**

<https://forms.gle/r3F9YWmbZAcFM8i7A>

**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.

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

Tamil Nadu State Government Sponsored Five Day Offline FDP on

**“BASIC SCIENCE BEHIND ADVANCED TECHNOLOGY**

**29-01-2024 to 02-02-2024**

**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 : **28.01.2024 Evening / 29.01.2024 Morning**

Signature of the Applicant

**This is to certify that Mr. /Mrs. /Dr. \_\_\_\_\_ is permitted to attend Tamil Nadu State Government Sponsored Five Day Offline FDP on “Basic Science behind Advanced Technology (BSBAT-24) from 29-01-2024 to 02-02-2024.**

Date:

Seal and Signature of Head of the Institution