

## Sponsorship

Sri./Smt.....  
..... is an employee of our institution and he/she is hereby sponsored for above training programme. The applicant would be permitted to attend the course, if selected.

Place: Signature of the  
Date: sponsoring authority

Office seal

Application form and more details of the STTP are available at  
[www.gectcr.ac.in](http://www.gectcr.ac.in)

## About the Institute

The Government Engineering College, Thrissur is a centre of technical excellence and is one of the most prestigious technical educational institutions in Kerala. The foundation stone of the college was laid by late Pandit Jawaharlal Nehru, the first Prime Minister of India, on 26<sup>th</sup> April 1958. The college campus is spread over an area of 75 acres and is located at Ramavarampuram which is about 5 km from the heart of Thrissur Town and about 6 km from Thrissur Railway Station. The college is offering undergraduate courses in 8 branches of engineering and postgraduate and doctoral programme in many disciplines.

## About the Department

The Department of Chemical Engineering set up in 1962, was the first of its kind in Kerala offering B. Tech degree in Chemical Engineering. The department is also offering a post graduate course in Process Control and is an approved Ph. D centre of the University of Calicut and Kerala Technological University.

### Address for Correspondence

#### Course Coordinators:

**Dr. Praseetha P. Nair**  
Associate Professor,  
Department of Chemical Engineering,  
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## GOVERNMENT ENGINEERING COLLEGE, THRISSUR

### TEQIP - PHASE II (FOUR FUNDS)

Sponsored

Short Term Training Programme

on

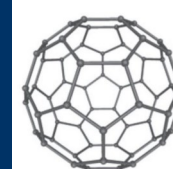
## CARBON MATERIALS

30th November 2022– 2nd December 2022

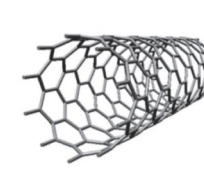


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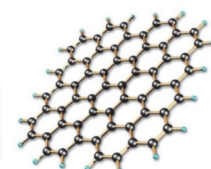
**Department of Chemical Engineering**  
**GOVERNMENT ENGINEERING COLLEGE**  
**THRISSUR - 680 009**



fullerene



nanotube



graphene

Course Coordinators:

**Dr. Praseetha P. Nair**  
**Dr. Sajeena Beevi B.**

## Course Objective

Materials are indispensable for day-to-day life in modern society and have vitally contributed to numerous technological advancements in diverse fields. Carbon has attracted a great deal of interest in the scientific community due to the discovery of several allotropes (i.e., fullerenes, carbon nanotubes, graphene). Carbon-based nanomaterials demonstrate unprecedented physical and chemical properties such as high strength, excellent resistance to corrosion and exceptional electrical and thermal conduction and stability. The training program aims to familiarize with the advanced materials based on carbon for future. It also aims to help the researchers at the beginner stage as well as experienced level to get updated with the application potential of carbon materials.

## Course Content

- Introduction to carbon materials
- Carbon hybrid nanostructures and their applications
- Polymers for Chemical Sensing applications
- Carbon-carbon composites
- Carbon based materials for waste water treatment
- Carbon deposited catalysts and porous materials

## Accommodation

Accommodation will be provided to participants on request in advance

## Eligibility

This is an interdisciplinary programme. Faculty members of AICTE approved Engineering Colleges and Polytechnics are eligible to attend this programme.

## Registration Fee

Faculty from self financing institutions shall pay a registration fee of Rs. 1000/-

## Selection

The number of participants is limited to 25. Selection will be on first-come – first-served basis.

A scanned copy of the application shall be mailed to the coordinators in advance.

### Important Dates

Last date for receipt of application:  
**November 21, 2022– Monday**

Intimation of selection by e-mail:  
**November 24, 2022– Thursday**

Course duration  
**30 November 2022 to 2 December 2022**  
**Wednesday to Friday**

## Registration Form

### TEQIP II (FOUR FUNDS)

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## CARBON MATERIALS

30th November 2022– 2nd December 2022

1. Name :
2. Age :
3. Gender : Male/ Female
4. Qualifications :
5. Designation :
6. Department :
7. Organization :
8. Address for communication :
9. Phone :
10. Email :
11. Accommodation required : Yes/No

### Declaration by the Applicant

The above mentioned information is true to the best of my knowledge and belief. I agree to abide by the rules and regulations governing the course. I also undertake the responsibility to inform the coordinator, in case I am unable to attend the course.