



DEPARTMENT OF ARCHITECTURE
COLLEGE OF ENGINEERING TRIVANDRUM



**ACHIEVING CARBON NEUTRALITY;
THE WAY FORWARD**

Faculty Development Programme

Venue: JC Alexander Hall
Department of Architecture ,
College of Engineering Trivandrum

Registration Start Date: 03/12/2022
Registration End Date: 15/12/2022

Eligibility : Open for faculty of AICTE approved colleges Govt./Aided/Self financing.

Registration fee : There is no registration fee for the faculty from Government/Government aided engineering colleges from Kerala, but applicants from self financing colleges have to remit an amount of Rs.500/- in the form of DD drawn in favor of "Principal, College of Engineering Trivandrum", payable at Thiruvananthapuram, towards the fee for the course.

How to Apply : The number of participants is limited to 30. Selection will be on first come first serve basis. **Applications are to be submitted online through DTE training portal. The faculty login url on the web site of DTE:**<http://admissions.dtekerala.gov.in/tpms/login> may be used for registration and applying for the course / program.

**19th-23rd
DECEMBER
2022**

**For Participation,
Please Contact**

Dr. Manju G Nair
Associate Professor
9884402791
manjugnair@cet.ac.in

Dr. Abhilash Suryan R
Associate Professor
82812 11932
suryan@cet.ac.in

Prof. Aysha S.
Assistant Professor
9446570605
ayshahabeel@cet.ac.in



Course Details:

- Energy and carbon neutrality
- Carbon neutral governance
- Decarbonization methods
- Carbon sink, carbon sequestration and carbon credit
- Possible interventions to achieve carbon neutrality
- Case studies of carbon neutral panchayats
- Carbon sequestration and agriculture
- Workshop on low-carbon building materials and techniques
- Waste management and carbon neutrality

Introduction

Directorate of Technical Education:

Government of Kerala has entrusted College of Engineering Trivandrum to organize courses and training programmes for faculty and staff of Engineering Colleges and Polytechnic institutions.

College of Engineering Trivandrum, The premier technical institution of Kerala was established in the then Travancore state. The college now admits 600 students every year into eight B.Tech programmes and 400 students into 27 specializations of postgraduate- programmes. The institution is also an approved QIP Centre for doctoral programmes. Ever since its inception, the institution has maintained its commitment to high-quality education and celebrated the 'platinum jubilee' during 2014-2015.

Department of Architecture, started functioning in the year 1964. The department currently conducts B.Arch, M.Planning (housing) and M.Arch (Urban Design), M Arch (Environmental Design) courses. The courses are affiliated to Kerala university and APJ Abdul Kalam Technological University

About the Course

The impact of climate change such as heat waves and other extreme events are frequently occurring in our country. The severity of both the extreme and non-extreme climate events is also increasing. The Intergovernmental Panel on Climate Change (IPCC) has reported the vulnerability of developing countries towards coping with the variabilities related to climate change. Battling climate change requires solid measures to be taken at the various realms to increase the adaptive capacity. Government is already playing a huge role in enhancing the adaptive capacity of the nation towards climate change. As part of the initiative, the Honorable Prime Minister has pronounced 'Palli' panchayat of Jammu & Kashmir to be the first Carbon Neutral panchayat of the country, while inaugurating the 500-KW solar power plant. The Government of Kerala is also actively promoting measures to convert the state to a Carbon Neutral state. The initiatives by the local self-governing bodies of Meenangadi, Udayagiri, Kattakkada, Chittattukara etc. are examples. However, a lot of issues still needed to be addressed at the different sectors. This interdisciplinary course is intended to disseminate knowledge among professionals to work towards carbon neutrality.

REGISTRATION FORM ACHIEVING CARBON NEUTRALITY; THE WAY FORWARD

Faculty Development Programme

NAME OF THE PARTICIPANT:

(Block Letters)

DATE OF BIRTH:

ADDRESS FOR COMMUNICATION:

CONTACT NO:

EMAIL ID:

QUALIFICATIONS:

DESIGNATION:

YEARS OF EXPERIENCE:

ORGANIZATION ADDRESS:

SIGNATURE AND DATE:

RECOMMEND SMT/SRI

FOR THE ABOVE TRAINING PROGRAMME, THE APPLICANT WOULD BE PERMITTED TO ATTEND THE COURSE IF SELECTED.

PLACE: DATE:

Signature of Head of the Institution