

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

Government College of Engineering (GCE), Bodinayakanur is one of the educational institutions developed by Government of Tamil Nadu, to cater the needs of technical education in emerging areas of Engineering and to bring out qualified competent and confident Engineering graduates in different disciplines of Engineering. GCE- Bodinayakanur was started in the year 2012 and is affiliated to Anna University, Chennai. Bodinayakanur is the "Cardamom City" and is located at the foothills of the Western Ghats, in the southern state of Tamil Nadu in India; It is on the border between Tamil Nadu and Kerala. Due to the weather and natural environment, the first Prime Minister of India, Jawaharlal Nehru, called the town as "South Kashmir".

The institution is situated in Chokanathapuram, Bodinayakanur creating a fitting atmosphere for study. The college is spread over an area of 23 hectares, a sprawling campus with calm surroundings and has views of the ranges of the Western Ghats on three sides. The institute has all required facilities like Modern/smart class rooms, students' hostels, guest house, library, computer centre and sports facilities. Bodinayakanur is well connected to all major cities like Theni, Madurai, Chennai, Salem, Bangalore and other metro cities. The weather is generally cold in December February reaching 15-25°C during night time.

ABOUT THE PROGRAMME

This FDP focuses on ecofriendly alternate material for the production of concrete. Concrete is a mixture of cement, gravel, sand, water and a range of aggregates. With about 10 billion tons of concrete produced every year, it is the most consumed substance in the world, second only to water. Over 70% of the world's population lives in a concrete structure. However, despite the massive production and consumption of concrete around the globe, there has been a lot of speculation about the fact that it might be an active contributor to greenhouse gas emissions. Keeping in mind the current climate condition and the phenomena of global warming, there is a pressing need for the construction and other industries to go through a green revolution - in other words, industries need to adopt and introduce environmental friendly materials. With this understanding, the concrete industry has, fortunately, found some sustainable and eco-friendly alternatives to concrete. Variety of alternative building materials are available which provide better, efficient, durable and cost effective construction and also ensure judicious utilization of available limited resources with least possible degradation of environment.

TOPICS TO BE COVERED

- Geo polymer
- Industrial by products
- FRP
- Alternate aggregates
- Eco friendly concrete



TAMIL NADU STATE GOVERNMENT SPONSORED FIVE DAY ONLINE FACULTY DEVELOPMENT PROGRAMME



on Alternate Building Construction Materials towards Green Environment

25-10-2021 to 29-10-2021



Organized By
Faculty Training Centre
Government College of Technology
Coimbatore – 641 013
&
Department of Civil Engineering
Government College of Engineering
Bodinayakanur – 625 582
Theni District

RESOURCE PERSONS

Dr. S. Thirugna Sambandam

Professor
Department of Civil and Structural Engineering
Annamalai University.

Dr. Prakash Nanthagopalan

Associate Professor
Department of Civil Engineering
Indian Institute of Technology, Bombay.

Er. NG.Muralidharan

Consultant & Distributor for India
Radcrete Pacific Pty Ltd.

Mr. G. A. B. Suresh

AGM-R&D
The Ramco Cements Ltd
Chennai.

Dr. N. Panneerselvam

Associate Professor
SRM Institute of Science and Technology
Kattankulathur, Chennai.

Dr. A. K. Kaliluthin

Associate Professor-Deputy Director
BSA Crescent Institute of Science and
Technology, Chennai.

Dr. G. Saravanan

Associate Professor
Dept. of Civil Engineering
Government College of Engineering, Srirangam

Dr. A. Ganesan

Managing Director
Polymer Materials
Pudhucherry.

ADDRESS FOR CORRESPONDENCE

Mr. P. Duraisamy

Assistant Professor / Mechanical
Faculty Training Centre
Government College of Technology
Coimbatore - 641 013
Email: ftc@gct.ac.in

IMPORTANT DATES

Last date for registration : 20.10.2021
Intimation of Selection : 21.10.2021
Confirmation by Participants : 23.10.2021

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/xXTWudQQkkWRkKjC7>



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. S. Jayanthi

Principal, GCE, Bodinayakanur

Mr. R. Regupathy

Assistant Professor / Civil, GCE, Bodinayakanur

COORDINATOR

Dr. M. Purushothaman

Associate Professor & Head / Civil
GCE, Bodinayakanur

CO-COORDINATOR

Dr. T. Venkataraman

Assistant Professor/Civil, GCE, Bodinayakanur