



Departments of Civil Engineering, Fashion & Textile Technology  
Kumaraguru College of Technology



**AICTE SPONSORED SHORT TERM TRAINING PROGRAMME**

ON

# **APPLICATION OF GEOSYNTHETICS IN CONSTRUCTION INDUSTRY**

**27<sup>th</sup> January to 1<sup>st</sup> February 2020**  
Kumaraguru College of Technology, Coimbatore

## **About the Programme:**

The utilization of cost-effective material such as Geosynthetics is important to achieve the desired life of the pavement as well as to facilitate their faster construction. Geotextiles had a market share of more than a third in the Geosynthetics market in 2017 and this is predicted to rise to almost 40% by end 2027. The current knowledge level of the Engineering faculties handling these areas is at the basic level and they lack in knowledge about recent developments in the Geosynthetics applications in civil construction fields. In this context this the right time to enhance the knowledge and skills of the Textile Technology and Civil Engineering faculties who are to play a major role in imparting knowledge to the undergraduates so that the employability of the students will be improved in coming years. Apart from this the Research and Development is very much essential to catering the above potential market hence this STTP on Geosynthetics will provide 360° insights on Manufacturing, Designing, Testing and its Applications to the Teaching Faculties.

## **Programme Focus:**

To impart knowledge on the recent developments in Geosynthetics. To familiarize and educate the skills on designing, testing and analysis of Geosynthetics. To eye open novel ideas towards research concepts such as soil erosion, landslides, stabilization of soils, Geosynthetics as construction materials in civil engineering projects etc. To educate the participants and give focus for improvement in current road structure so that safety levels and reduction of prone to hazards for beneficial to society. To elaborate concept of Geosynthetics, their manufacture and their behavior and their applications in different civil engineering designs.

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## **Resource Persons:**

Eminent faculty members from premier Institution/ Industry will be the resource person.

Industrial visit will be organized.

**Details for the Participants:**

The course is open to Faculty members working in the Institution approved by AICTE. Faculty members and Research scholars belonging to Engineering & Polytechnic colleges, Industry persons, R&D agencies and other Government Bodies are also eligible and are invited to apply for this programme. Admissions will be offered subject to the availability based on the AICTE guidelines. Selected participants are requested to pay a refundable deposit of Rs. 500/- by Demand Draft drawn in favour of "THE CORRESPONDENT, Kumaraguru College of Technology" payable at Coimbatore.

**Registration will be based on the first-come first service basis to the maximum of 50 participants.**

***Last date for receiving application :  
08th January 2020***

***Last date for confirmation of participation :  
22nd January 2020***

***Commencement of the programme :  
27th January 2020***

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**[Click here to Register](#)**

No registration fee is charged for the programme since the programme is fully sponsored by AICTE, New Delhi. Besides, TA will be provided to the eligible participants as per AICTE norms. All registered delegates will be provided free boarding and lodging subject to prior confirmation and availability (Participants with their family subject to max. 3 members from far away location can be arranged for accommodation with expenses on their own).



**Kumaraguru College of Technology:**

KCT is an Autonomous institution affiliated to Anna University offering 14 under-graduate (B.E., B. Tech.) and 15 post-graduate (M.E., M. Tech., MCA, MBA) programs of study. All the above courses have the approval of All India

**Department of Fashion Technology:**

The Department of Fashion Technology constituted in the year 2002, offers B.Tech. Fashion Technology, M.Tech. Apparel Technology and Ph.D. program under Anna University, Chennai. B. Tech. Fashion Technology has been

Council for Technical Education (AICTE) and all the eligible UG programs have been accredited by National Board of Accreditation (NBA). In addition, KCT has been accredited by National Assessment and Accreditation Council (NAAC) of the University Grants Commission (UGC). 10 academic departments have been recognized as research centers permitting research leading to Ph.D. degree by Anna University.

#### **Department of Textile Technology:**

The Department of Textile Technology was started in the year 1995 and offers 4 years of B.Tech. (Textile Technology) and 2 years of M.Tech. (Textile Technology) programmes. The Textile Department has been recognized by Anna University as a research centre for doing Ph.D. More than 30 research scholars are pursuing Ph.D programme. The Department has professionally well qualified and highly experienced faculty members. Well-equipped laboratories with modern facilities provide ample opportunity to the students to pursue their education. The Department has Memorandum of Understanding (MOU) with leading universities and Industrial Associations for promoting research & training. The department is accredited by National Board of Accreditation (NBA) for 5 years.

accredited by NBA under Tier I Scheme of the Washington Accord for five years from the year 2014 which facilitates transnational recognition of degrees and mobility of graduates and professionals. The objective of the department is to equip the students with core competencies and skills in Clothing Technology and Fashion and hone them as competent professionals for the Apparel and Fashion Industry. The Department has strong links with the apparel industries located in Tirupur, Coimbatore, Chennai and Bangalore as well as other parts of India.

#### **Department of Civil Engineering:**

A well-qualified and dedicated team of staff members provides the necessary strength to the department. The centre is equipped with most modern equipment catering to the requirement of research in water management. Centre for Water and Environmental Studies (CWES) was established in the Department as an extension of this activity. Structural Technology Centre (STC) is an advanced laboratory established in the department in the year 2003 to carry out R&D and Consultancy works in structural design and testing.

#### **Conveners**

Dr. J. Srinivasan  
Dr. G. Ramakrishnan  
Dr. N. Ramsundram

#### **Coordinators**

Dr. Bhaarathi Dhurai  
Mr. M. Saravanan  
Mrs. Anita

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#### **Address for Communication:**

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