

**CONTINUING
EDUCATION PROGRAMME ON
GEOSYNTHETICS IN
INFRASTRUCTURE
DEVELOPMENT
(CEP - GID)**

28th January – 1st February, 2019

**Sponsored by TEQIP –III
Diamond Jubilee Celebrations (60 Years)
of NIT Warangal**



Coordinators

**Dr. G Kalyan Kumar
Dr. M Heeralal
Dr. Rakesh J Pillai**

Organized by
Department of Civil Engineering
National Institute of Technology Warangal
Warangal -506004. TS. India.

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REGISTRATIONFORM

Name: _____
Designation: _____
Qualification: _____
Organization: _____
AddressforCorrespondence:

Tel. _____(O)_____ (M)
E-mail: _____
Date: _____
Place: _____

SignatureoftheApplicant

ForwardedthroughHeadoftheDepartment/Institution

Introduction

Geosynthetics are polymeric materials which are used to enhance, augment and provide possible cost-effective solution for geotechnical, environmental, transportation engineering projects. Geosynthetics have become well established construction materials which can be utilized for all stages of construction to strengthen infrastructure by improving road design, preserving water, controlling evaporation, limiting erosion and enhancing the longevity, resilience and safety of structures. There are various types of geosynthetics available as required for different applications and environments. Now it is the time to collect and summarize its state-of-the-art and discuss on the perspectives of the use of geosynthetics for infrastructures (roads, airfields and railways).

Travel & Accommodation

Free lodging and boarding will be arranged in the Visitors Guest House of the institute to all the outstation participants for the five days. TA and DA will not be paid to the participants.

Registration fee details

Academicians	Rs. 1000
Research Scholars/ M.Tech	Rs. 500
Industry and R&D organization	Rs. 1500

Account Details

A/C Name & No.: TEQIP-III Funds 37583198741
Bank & Branch: SBI, NIT Warangal branch
Bank code/ IFSC code: 20149, SBIN0020149

Contact information

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SCHEDULE

Date	Time	Program	Keynote speaker
28.01.2019 Monday	09:00 AM to 09:30 AM	Inaugural Program	
	09:30 AM to 11:00 AM	Geosynthetics – An Overview	GVR
	11:15 AM to 12:45 PM	Applications of Geosynthetics – An Overview	NVR
	12:45 PM to 02:00 PM	Lunch Break	
	02:00 PM to 03:30 PM	Soil Reinforcement - Principles	GVR
	03:45 PM to 05:15 PM	Design of Reinforced Soil Structures	JT
29.01.2019 Tuesday	09:30 am to 11:00 am	Design of Reinforced Soil Structures	JT
	11:15 am to 12:45pm	Geotechnical investigations in Reinforced Soil Structures	MVSS
	12:45 pm to 02:00 pm	Lunch Break	
	02:00 pm to 03:30 pm	Case Histories	NVR
	03:45 pm to 05:15 pm	Case histories on Black cotton soil	GVR
30.01.2019 Wednesday	09:30 am to 11:00 am	Geosynthetics in Rural roads	GVR
	11:15 am to 12:45pm	Geosynthetics in Bituminous pavements	NVR
	12:45 pm to 02:00 pm	Lunch Break	
	02:00 pm to 03:30 pm	Basal reinforcement	GVR
	03:45 pm to 05:15 pm	Case studies by Tech Fab	Satish Chandra
31.01.2019 Thursday	09:30 am to 11:00 am	Coastal and River bank control	NVR
	11:15 am to 12:45pm	Coir Geotextile in Rural roads	GVR
	12:45 pm to 02:00 pm	Lunch Break	
	02:00 pm to 03:30 pm	Jute Geotextile in Rural roads	NVR
	03:45 pm to 05:15 pm	Biotechnical Stabilization of Hill Slopes	GVR/NVR
01.02.2019 Friday	09:30 am to 11:00 am	Numerical modeling using PLAXIS 3D	Dr. Rakesh J Pillai & Dr. G Kalyan Kumar
	11:15 am to 12:45pm	Numerical modeling using PLAXIS 3D	
	12:45 pm to 02:00 pm	Lunch Break	
	02:00 pm to 03:30 pm	Geosynthetics in Hydraulic structures	PSP
	03:45 pm to 05:15 pm	Valedictory and Concluding remarks	