CONTINUING EDUCATION PROGRAMME ON GEOSYNTHETICS IN INFRASTRUCTURE DEVELOPMENT (CEP - GID)
7th - 11th January, 2019

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

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Coordinators
Dr. G Kalyan Kumar
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Dr. Rakesh J Pillai

Organized by
Department of Civil Engineering
National Institute of Technology Warangal
Warangal -506 004. TS. India.
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REGISTRATION FORM

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Designation: __________________________________
Qualification: __________________________________
Organization: __________________________________
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_____________________________________________________________________
_____________________________________________________________________
Tel. ___________________ (O) ___________________ (M)
E-mail: _____________________________________________
Date: ___________________
Place: ___________________

Signature of the Applicant

Forwarded through Head of the Department/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 & 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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<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Program</th>
<th>Keynote speaker</th>
</tr>
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<tbody>
<tr>
<td>07.01.2019</td>
<td>09:00 AM to 09:30 AM</td>
<td>Inaugural Program</td>
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<tr>
<td>Monday</td>
<td>09:30 AM to 11:00 AM</td>
<td>Strength analysis of reinforced soil - theory and experimentation</td>
<td>Prof. K Rajagopal, IIT Madras</td>
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<tr>
<td></td>
<td>11:15 AM to 12:45 PM</td>
<td>Design and Construction of Reinforced Soil Retaining Walls</td>
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<td>12:45 PM to 02:00 PM</td>
<td>Lunch Break</td>
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<tr>
<td></td>
<td>02:00 PM to 03:30 PM</td>
<td>Design and Construction of Reinforced Soil Retaining Walls</td>
<td></td>
</tr>
<tr>
<td></td>
<td>03:45 PM to 05:15 PM</td>
<td>Use of Geosynthetics for construction of embankments in soft clay soils</td>
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<tr>
<td>08.01.2019</td>
<td>09:30 AM to 11:00 am</td>
<td>Geosynthetics in pavements in Soft soils</td>
<td>Prof. G V Rao Retd. Professor, IIT Delhi</td>
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<tr>
<td>Tuesday</td>
<td>11:15 am to 12:45pm</td>
<td>Geosynthetics in Bituminous pavements</td>
<td>Prof. N Venkataraman</td>
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<td>12:45 pm to 02:00 pm</td>
<td>Lunch Break</td>
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<tr>
<td></td>
<td>02:00 pm to 03:30 pm</td>
<td>Applications of Geosynthetics in Landfills</td>
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<tr>
<td></td>
<td>03:45 pm to 05:15 pm</td>
<td>Case histories in RC Walls with Basal Mattress</td>
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<tr>
<td>09.01.2019</td>
<td>09:30 am to 11:00 am</td>
<td>Geosynthetic testing and Evaluation</td>
<td>Prof. G V Rao Retd. Professor, IIT Delhi</td>
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<tr>
<td>Wednesday</td>
<td>11:15 am to 12:45pm</td>
<td>Erosion control</td>
<td>Prof. N Venkataraman</td>
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<td>12:45 pm to 02:00 pm</td>
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<td>02:00 pm to 03:30 pm</td>
<td>Erosion control</td>
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<td></td>
<td>03:45 pm to 05:15 pm</td>
<td>Case histories in applications of Geosynthetics</td>
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<tr>
<td>10.01.2019</td>
<td>09:30 am to 11:00 am</td>
<td>Bearing capacity improvement and Geotechnical investigations for reinforced walls</td>
<td>Dr. M V S Sridhar, OU College of Engineering</td>
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<td>Thursday</td>
<td>11:15 am to 12:45pm</td>
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<td>Dr. G Kalyan Kumar &amp; Dr. Rakesh J Pillai</td>
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<td>12:45 pm to 02:00 pm</td>
<td>Lunch Break</td>
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<td>02:00 pm to 03:30 pm</td>
<td>Numerical modelling using PLAXIS 3D</td>
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<td>03:45 pm to 05:15 pm</td>
<td>Hands on experience using PLAXIS 3D</td>
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<tr>
<td>11.01.2019</td>
<td>09:30 am to 11:00 am</td>
<td>Geosynthetics in Hydraulic structures</td>
<td>Dr. P Subramanya Prasad CRRI, Delhi</td>
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<td>Friday</td>
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<td>Lunch Break</td>
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<td>02:00 pm to 03:30 pm</td>
<td>Geosynthetics in Hydraulic structures</td>
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<td></td>
<td>03:45 pm to 05:15 pm</td>
<td>Valedictory</td>
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