

<b>FDP-126</b>	<b>GEOTECHNICAL ENGINEERING</b>	<b>22.10.2018 to 26.10.2018</b>
<p><b>OBJECTIVES:</b></p> <ul style="list-style-type: none"> <li>➤ To understand the general characteristics of soils</li> <li>➤ To explain the principle of Shear strength and Consolidation</li> <li>➤ To explain the design of Shallow and Deep Foundations</li> <li>➤ To understand the need of Ground Improvement Techniques</li> <li>➤ To explain various ground improvement techniques like stabilization, grouting, soil reinforcement and Geo synthetics.</li> </ul> <p><b>PARTICIPANTS:</b></p> <p>Teachers of Civil Engineering and Allied Branches</p> <p><b>INPUT:</b></p> <p>Soils and their Properties – Classification of Soils – Shear Strength – Compaction-Consolidation – Site Investigation – Shallow and Deep Foundations- Design and Construction-Ground Improvement Techniques – Stabilization – Grouting - Soil Reinforcement – Geo Synthetics.</p> <p><b>PROCESS:</b></p> <ul style="list-style-type: none"> <li>➤ Lectures</li> <li>➤ Demonstrations</li> <li>➤ Tutorial Assistance</li> <li>➤ Hands on practice</li> </ul> <p><b>OUTPUT:</b></p> <p>Updated knowledge in ground improvement techniques.</p> <p><b>RESOURCE PERSONS:</b></p> <ul style="list-style-type: none"> <li>➤ Dr. G. Janardhanan</li> <li>➤ Guest Faculty</li> </ul>		
<b>COORDINATOR</b>	<b>VENUE</b>	<b>LAST DATE FOR RECEIPT OF APPLICATIONS</b>
Dr. E.S.M. Suresh	NITTTR, Chennai	15 days prior to the start of the programme