

<b>FDP-53</b>	<b>SURVEYING USING TOTAL STATION &amp; GPS</b>	<b>30.07.2018 to 03.08.2018</b>
<p><b>OBJECTIVES:</b></p> <ul style="list-style-type: none"> <li>➤ To appreciate the capabilities of Modern Surveying Instruments.</li> <li>➤ To explain the working principle and usage of Total Station and GPS.</li> <li>➤ To explain the principles &amp; applications of Remote Sensing, Photogrammetry &amp; Image Processing.</li> <li>➤ To employ Surveying and Land Development software packages.</li> <li>➤ To conduct surveying using Total Station &amp; GPS.</li> </ul> <p><b>PARTICIPANTS:</b></p> <p>Teachers of Civil Engineering and allied branches. <b>(Total number of participants limited to 25)</b></p> <p><b>INPUT:</b></p> <p>Modern Surveying -Working principle and usage of Total Station – Computer interface – Electronic Distance Measurement (EDM) – R2V conversion – Map projections – Photogrammetry - Process and Applications of Remote Sensing &amp; GPS – Image Processing - Computer Applications for Surveying &amp; Land Development – Hands on practice on Total Station &amp; GPS.</p> <p><b>PROCESS:</b></p> <ul style="list-style-type: none"> <li>➤ Lecture cum demonstrations</li> <li>➤ Field practice and computer applications, hands on practice.</li> </ul> <p><b>OUTPUT:</b></p> <p>Enriched knowledge and skills of Modern Surveying including Total Station &amp; GPS.</p> <p><b>RESOURCE PERSONS:</b></p> <ul style="list-style-type: none"> <li>➤ Dr. E.S.M. Suresh</li> <li>➤ Guest Faculty</li> </ul>		
<b>COORDINATOR</b>	<b>VENUE:</b>	<b>LAST DATE FOR RECEIPT OF APPLICATIONS</b>
Dr. K.S.A. Dinesh Kumar	NITTTR, Chennai	15 days prior to the start of the programme