

Course Number and Name												
<b>BCE501 - STRUCTURAL ANALYSIS – I</b>												
Credits and Contact Hours												
<b>4 &amp; 60</b>												
Course Coordinator's Name												
Dr.S.J.Mohan												
Course Description												
<ul style="list-style-type: none"> <li>To introduce the students to basic theory and concepts of structural analysis and the classical methods for the analysis of structures.</li> </ul>												
Prerequisites						Co-requisites						
Surveying I						NIL						
required, elective, or selected elective (as per Table 5-1)												
Course Outcomes (COs)												
CO1	Have the fundamental knowledge to measure both horizontal distance and elevations without the use of sophisticated instruments											
CO2	Acquires knowledge about the principle of control surveying											
CO3	Have knowledge on the survey errors and its adjustments											
CO4	Have knowledge in the advanced topics in astronomy.											
CO5	Have knowledge to modern methods of surveying like Photogrammetry, Total station, Hydrographic survey and cartography											
Student Outcomes (SOs) from Criterion 3 covered by this Course												
COs/SOs	a	b	c	d	e	f	g	h	i	j	k	
CO1	H			M								
CO2	H				M							
CO3	H			M								
CO4	H	M	M	M							M	
CO5	H			M							H	