

Course Number and Name												
<b>BCE054 - CONSTRUCTION PLANNING, SCHEDULING AND CONTROL</b>												
Credits and Contact Hours												
<b>3 &amp; 45</b>												
Course Coordinator's Name												
Mr.K.Venkatraman												
Text Books and References												
<b>REFERENCES:</b>												
1. Chitkara, K.K. Construction Project Management: Planning, Scheduling and Control, Tata McGraw-Hill Publishing Company, New Delhi, 1998.												
2. Calin M. Popescu, Chotchai Charoenngam, Project Planning, Scheduling and Control in Construction: An Encyclopedia of terms and Applications, Wiley, New York, 1995.												
3. Chris Hendrickson and Tung Au, Project Management for Construction – Fundamental Concepts for Owners, Engineers, Architects and Builders, Prentice Hall, Pittsburgh, 2000.												
4. Willis, E. M., Scheduling Construction Projects, John Wiley & Sons, 1986.												
5. Halpin, D. W., Financial and Cost Concepts for Construction Management, John Wiley & Sons, New York, 1985.												
Course Description												
<ul style="list-style-type: none"> <li>To study the finer aspects of planning, scheduling and controlling of construction projects.</li> </ul>												
Prerequisites						Co-requisites						
Building Construction Technology						NIL						
required, elective, or selected elective (as per Table 5-1)												
Course Outcomes (COs)												
CO1	Know the elements of construction planning and estimating activity durations and resource requirements.											
CO2	Know the elements of scheduling and to apply appropriate tools and techniques like networks and coding systems.											
CO3	Understand the monitoring and accounting of projects through cost control.											
CO4	Know the elements of quality control and safety of construction projects.											
CO5	Know the concept of gathering and using project information											
Student Outcomes (SOs) from Criterion 3 covered by this Course												
	COs/SOs	a	b	c	d	e	f	g	h	i	j	k
	CO1	M			M			M	H			
	CO2	M			M			M	H			
	CO3	M			M			M	H			
	CO4	M			M			M	H			
	CO5	M			M			M	H			
List of Topics Covered												

