

Course No.	CEL307	Open Course (Y/N)	HM Course (Y/N)	Discontinued (Y/N)		
Course Title	Project Planning and Management					
Course Coordinator	Prof S.P. Wanjari					
Slot in which offered. If not offered write N	Odd		Even			
	F					
Structure	Lecture	Tutorial	Practical	Credits		
Prerequisite Course Codes As per proposed Course Numbers						
Prerequisite credits						
Equivalent Course Codes. As per proposed courses and old courses						
Overlap course codes As per proposed Course Numbers						
Text Book (Max. 2)	Title	Construction Management				
	Author	P G. Gahoit & B.M. Dhis				
	Publisher	New age international (p) Ltd				
	Edition					
	Title	CPM & PERT				
	Author	Srinath L				
	Publisher	East-West Press Pvt. Ltd New Delhi,				
	Edition					
	Reference Books	Title	Modern Construction Management			
		Author	Frank Harris & Ronald Mc.Caffer			
Publisher		Blacknell Suence				
Edition		4 th Edition				
Title		Quantitatic Techniques in Management				
Author		N.D. Vorer				
Publisher		Tata McGraw Hill, New Delhi,				
Edition		3 rd Edition				
Title						
Author						
Publisher						
Edition						
Title						
Author						
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Edition						

	Title	
	Author	
	Publisher	
	Edition	
	Title	
	Author	
	Publisher	
	Edition	
Content	<p>1.Introduction: Significance of construction management, objectives & function, resources, and stages in construction, construction team.</p> <p>2. Project planning: Bar charts, CPM and PERT analysis, line of balance method. Resources levelling.</p> <p>3. Construction safety: Importance of safety, safety measures, accident cost and its prevention. National safety Council.</p> <p>4. Materials management: Functions and objective, Inventory control, EOQ , ABC analysis .</p> <p>5. Equipment Management : Classification, selection, operation & maintenance, depreciation & replacement cost, cost of owning.</p> <p>Equipment of major projects : Excavating Machines (Shovels, draglines, Bulldozer, Scrapper), Drilling & blasting, transporting & Handling equipment (Cranes, Hoists, Conveyor belts, Dumpers, Cableways). Shotcreting, Guniting, Concrete equipments : Mixers, vibrators, batch mixing plants.</p>	
Course No.		

Head of the Department of **CIVIL ENGINEERING**