



K.RAMAKRISHNAN COLLEGE OF TECHNOLOGY

An Autonomous Institution

Affiliated to Anna University Chennai, Approved by AICTE New Delhi,
ISO 9001:2015 & ISO 14001:2015 Certified Institution, Accredited with 'A+' grade by NAAC

Samayapuram, Tiruchirappalli – 621 112, Tamilnadu, India.

Format No.: TLP-03
Issue No.:01
Issue Date: 01.09.21

ACADEMIC YEAR : 2022-23 **DEPARTMENT** : Mechanical Engineering
PROGRAMME : B.E. **SEMESTER** : VII
COURSE CODE : ME 8391 **COURSE TITLE** : Process Planning and Cost Estimation
COURSE INSTRUCTORS : Mr. S.Dinesh & Mr.K.B.Hariharan

ASSIGNMENT SCHEDULE - I

Batch	Question Number	Assignment Topic	CO	Blooms Taxonomy Level	Date of Intimation	Date of Submission
Batch I	1	Pomerado Technique	CO1	BTL 2	12.09.2022	22.09.2022.
	2	Taguchi's Signal to Noise Ratio	CO2	BTL 2		
	3	Three-point Estimation	CO3	BTL 2		
Batch II	1	10 key aspects to improve productivity.	CO1	BTL 2		
	2	Barriers in Six Sigma	CO2	BTL 2		
	3	Project Evaluation and Review Technique (PERT) estimation	CO3	BTL 2		
Batch III	1	How to Determine Machines Requirement for a New Factory?	CO1	BTL 2		
	2	Role of Continuous Process Improvement in Quality Enhancement	CO2	BTL 2		
	3	Planning Poker Estimation Technique	CO3	BTL 2		

COURSE COORDINATOR

CC-HEAD

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ASSIGNMENT SCHEDULE - II

Batch	Question Number	Assignment Topic	CO	Blooms Taxonomy Level	Date of Intimation	Date of Submission
Batch I	1	Analogous Cost Estimating	CO3	BTL 2	01.11.2022	11.11.2022
	2	Automation Trends Impacting Robotic Welding Systems and Processes	CO4	BTL 2		
	3	Ten Tips to Improve Productivity in Your Machining Operations	CO5	BTL 2		
Batch II	1	What-If Analysis in Cost Estimation	CO3	BTL 2		
	2	Automating Metal Casting Operations	CO4	BTL 2		
	3	Calculating hob cutting time and speed in gear production	CO5	BTL 2		
Batch III	1	Parametric Cost Estimate	CO3	BTL 2		
	2	Application of Industry 4.0 in Forging Operations	CO4	BTL 2		
	3	CNC Machining Cycle Time Calculation	Co5	BTL 2		

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