
	<p>PimpriChinchwad Education Trust's</p> <p>PimpriChinchwad College of Engineering</p> <p>Sector No. 26, Pradhikaran,</p> <p>Nigdi, Pune – 411 044</p>	
COURSE OUTLINE		

Department: Mechanical Engineering A.Y.:2023-24 Sem. - II Date: 29/01/2024
Class: B. Tech. Mechanical

Name of the Course: Engineering Economics and Management (Professional Elective–VI) (BME8506A)

Relevance of the course:

Engineering Economics and Management are integral components of engineering education and practice. The course provides the necessary tools and frameworks for engineers to make informed financial decisions, manage projects efficiently, and contribute to engineering initiatives' overall success and sustainability. It requires the prerequisite knowledge from the courses given below

- Industrial engineering

Course Outcomes:

CO No	CO Statement	No. of Lectures Planned	Content Delivery method	Assessment tools Planned
1.	CO1: Understand and apply principles of management to various types of production systems.	7	Lecture with interaction	IE1, MTE and ETE
2.	CO 2: Identify different elements of costs.	7	Lecture with interaction	IE1, MTE and ETE
3.	CO 3: Apply marginal costing theory to calculate breakeven point.	8	Lecture with interaction	MTE and ETE
4.	CO4: Identify and compare the performance of cost centers.	8	Lecture with interaction	IE2 and ETE
5.	CO5: Conduct job evaluation and merit rating.	8	Lecture with interaction	IE2 and ETE
6.	CO6: Apply value analysis and value engineering techniques for cost optimization.	7	Lecture with interaction	Assignment and ETE

Assignment:

Assignment Planned	CO Mapped	Tentative schedule
Assignment on Marginal Costing	CO3	March 2 nd Week
Assignment on Value engineering and value analysis	CO 6	April 1 st Week



Course Faculty SY A

Mr. Ganesh D. Kale

Course Co-ordinator
and Faculty