

ENGINEERING ECONOMICS AND MANAGEMENT

Course Code	19HS1601	Year	III	Semester	II
Course Category	Humanities	Branch	ME	Course Type	Theory
Credits	3	L – T – P	3 – 0 – 0	Prerequisites	Nil
Continuous Internal Evaluation	30	Semester End Evaluation	70	Total Marks	100

Course Outcomes		Level
Upon successful completion of the course, the student will be able to		
CO1	To understanding of the fundamental concepts of Managerial economics and demand	L2
CO2	The ability to apply knowledge to evaluate future demand and theory of production. .	L2
CO3	To understanding of the foundational concepts of cost, market structure and role of pricing methods in business.	L2
CO4	To understanding about the principles of management and human resource management function in an organization.	L2
CO5	To understand the broad scope of marketing, societal, ethical and other diverse aspects of marketing and production.	L2

Contribution of Course Outcomes towards achievement of Program Outcomes & Strength of correlations (3:High, 2: Medium, 1:Low)														
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3	3		2								3	3	
CO2	3	3		2								3	3	
CO3	3	3		2								3	3	
CO4	3	3		2								3	3	
CO5	3	3		2								3	3	

Syllabus		
Unit No	Contents	Mapped COs
I	Introduction to Managerial Economics & Demand Analysis: Definition of Managerial Economics, Nature and Scope – Managerial Economics and its relation with other subjects. Demand Analysis: Meaning - Demand determinants- Law of Demand and its exceptions.	CO1
II	Elasticity of Demand, Demand Forecasting & Theory of Production: Definition -Types of Elasticity of demand - Measurement of price elasticity of demand. Demand Forecasting: Meaning - Factors governing demand forecasting - Methods of demand forecasting. Production: Production Function- Law of variable proportions- Isoquants, Law of returns to scale.	CO2
III	Cost Analysis, Market Structures & Pricing: Cost concepts - Break-Even Point - Managerial Significance and limitations of BEP - (simple problems). Market: meaning characteristics of market and Types of market competition – Pricing strategies	CO3

IV	Introduction to Management & Human Resource Management: Meaning, nature, importance and Functions of Management, Henri Fayol principles. HRM: objective and function, manpower planning, sources of recruitment.	CO4
V	Introduction to Marketing Management & Production management: Meaning, Concepts of Marketing, Marketing Mix, Marketing Segmentation. Production management: objectives, Types of Plant Layout, location – Factors effecting it.	CO5

Learning Recourse(s)

Text Book(s)

1. Managerial Economics and Financial Analysis, J.V.Prabhakar Rao, Maruthi Publications, 2011.
2. Managerial Economics and Financial Analysis, N. Appa Rao. & P. Vijaya Kumar, Cengage Publications, New Delhi, 2011.

Reference Book(s)

1. Managerial Economics and Financial Analysis, A R Aryasri, TMH, 2011.
2. Management Science, Aryasri, TMH, 2004.
3. Management Science, Rajesh C. Jampala, P. Adi Lakshmi, Duvuri Publications, Machilipatnam, 2010

e- Resources & other digital material

1. www.tectime.com
2. www.exinfm.com
3. www.economywatch.com
4. <https://nptel.ac.in/courses/110/101/110101149/>
5. <https://nptel.ac.in/courses/109/107/109107119/>