

**SARDAR PATEL UNIVERSITY**  
**Programme & Subject: M.Sc (Surface Coating Technology)**  
**Semester: III**  
**Syllabus with Effect from: June - 2010**

<b>Paper Code: PS03ESCT02</b>	<b>Total Credit: 4</b>
<b>Title Of Paper: Economics &amp; Industrial Management</b>	

Unit	Description in detail	Weightage (%)
I	Economics: Basic Economics Concept, Demand and Supply, Elasticity of Demand and Supply, Concept of Profit and Revenue, Concept of Equilibrium and Margin, Introduction to Micro and Macro Economics and Price theory. Commercial and Central banking; Analysis and interpretation of standard financial statements;	30%
II	Industrial Management: Management: Concept, Nature, Functions: Planning, Organizing, Directing, Control, Decision Making	20%
III	Business: Concept & Objectives, Forms of Business Organization.	10%
IV	Human Resource Management: Concept – Functions- Recruitment and Selection, Training and Development, remuneration and incentive schemes Inventory Management: Meaning, Importance, Techniques	20%
V	Quality Control: Meaning, Importance, TQM.	10%
VI	Standardization: Concept of International standardization, Need of standardization, Understanding of Important standardizations.	10%

**Basic Text & Reference Books:-**

- Fundamentals of Business Organization & Management by : Y.K. Bhushan.
- Projects : Planning, Analysis Selection, Implementation & Review by : Prasannanchendun.
- Industrial Engineering & Management by : O.P.Khanna.
- Personnel Management : C.B. Mamorian.
- Best Practice in Inventory Management, by Tony Wild, Elsevier Science
- Essentials of Inventory Management, by Max Muller, AMACOM
- Total Quality Management – An Introductory Text by Paul James, Prentice Hall
- Quality Control and Applications by Housen & Ghose

