

2. TECHNOLOGY MANAGEMENT

Sr. No.	Unit	Writers Name and Contact No
1	<p>Introduction to Technology management (aspects and issues)</p> <ul style="list-style-type: none"> ● Introduction ● Definitions of Technology ● Meaning and Importance ● Technology components ● Classification of Technology ● Concept of Technology Management ● Nature of Technology Management ● Responding To technology Challenge ● Key Words ● Exercise 	
2	<p>Technology strategy and competitiveness</p> <ul style="list-style-type: none"> ● Introduction ● Definition, Meaning and Importance ● Proactive Technology Posture ● Process Adoption and experiment ● Collaborative Technology Sourcing ● Key Words ● Exercise 	
3	<p>Technology acquisition, adoption and diffusion</p> <ul style="list-style-type: none"> ● Introduction ● Purpose ● Definition, Meaning and Importance ● Human Resources Characteristics ● Require Substantial cost for Acquisition of Technology in correcting Strategic Options ● Gaining Efficiency Improvements ● Responding to the Competitive Environments ● Design/Methodology/Approach ● Originality/Value ● Nature & Degree of Innovation of New technologies ● Communication Channel ● Key Words ● Exercise 	
4	<p>Technology assessment and forecasting</p> <ul style="list-style-type: none"> ● Introduction ● Definition, Meaning and Importance 	

	<ul style="list-style-type: none"> • Area needing attention • Skills and facilities for Technology Absorption • User Involvement in Absorption • Technology absorption & Adaptation scheme • Key Words • Exercise 	
5	Management of technology absorption and government initiatives <ul style="list-style-type: none"> • Introduction • Area needing attention • Skills and facilities for Technology Absorption • User Involvement in Absorption • Technology absorption & Adaptation scheme • Key Words • Exercise 	
6	Selecting and Implementing new technology <ul style="list-style-type: none"> • Introduction • Meaning and Importance • Consider the right Technology partner • Portable Technology is more valuable • Avoid costly Downtime • Rely on a Technology champion • Key Words • Exercise 	
7	Technology Generation and development <ul style="list-style-type: none"> • Introduction • Need recognition knowledge advances • Idea generation • Objectives of corporate R &D & R&D Projects • Technology development Approaches • Contract Research • R&D Collaboration • Research societies • Research Companies • Key Words • Exercise 	
8	Technology transfer <ul style="list-style-type: none"> • Introduction • Definition, Meaning and Importance • Management Process • People • Removing Obstacles • Alternative approaches • Raising awareness • Conclusions • Key Words • Exercise 	
9	Innovation based technology and Product technology	

	<ul style="list-style-type: none"> ● Introduction ● Meaning and Importance ● Product Life Cycle Design ● Technology ● Life Cycle Assessment ● Key Words ● Exercise 	
10	<p>Social issues in technology management</p> <ul style="list-style-type: none"> ● Introduction ● Meaning and Importance ● Acceptable Use Policies ● Netiquette ● Cyber Building ● Student data ● Internet Privacy ● Social economic ● Race ● Resource Equity ● Key Words ● Exercise 	