

UTKALMANI GOPABANDHU INSTITUTE OF ENGINEERING, ROURKELA



LESSON PLAN

SESSION: 2025-2026

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

SUBJECT CODE: Th.1

**NAME OF THE SUBJECT: ENTREPRENEURSHIP &
MANAGEMENT & SMART TECHNOLOGY**

BRANCH: ELECTRONICS & TELECOMMUNICATION ENGG.

SEMESTER: DIPLOMA 5TH SEM

NUMBER OF CLASSES ALLOTTED PER WEEK: 4

TOTAL PERIODS ALLOTTED TO THE SUBJECT ACCORDING TO SCTEVT: 60

NAME OF THE FACULTY: DEEPAK RANJAN PATANAIK

Week/Date	Lecture	Topic to be covered
1 st week	14.7.25	Concept of Entrepreneurship
	16.7.25	Concept of Entrepreneurship
	17.7.225	Need of Entrepreneurship
	19.7.25	Need of Entrepreneurship
2 nd week	21.7.25	Characteristics of an Entrepreneur
	23.7.25	Qualities of entrepreneur
	24.7.25	Types of Entrepreneurs

Week/Date	Lecture	Topic to be covered
3 rd week	28.7.25	Functions of Entrepreneurs, Barriers in Entrepreneurship
	30.7.25	Entrepreneurship Vs Manager
	31.7.25	Sole proprietorship, Partnership forms & others
	02.8.25	Types of Industries, Concept of Start-ups
4 th week	4.8.25	Entrepreneurial support agencies (DIC, NSIC,OSIC,SIDBI)
	6.8.25	NABARD, Commercial Banks, KVIC
	7.8.25	Technology Business Incubators Science & Technology Entrepreneur Parks
	11.8.25	Science & Technology Entrepreneur Parks (STEPS)

Week/Date	Lecture	Topic to be covered
5 th week	13.8.25	CHAPTER-2 Business Planning, SSI
	14.8.25	Ancillary Units, Tiny Units, Service sector units
	16.8.25	Time schedule plan,
	18.8.25	Agencies to be contacted for Project Implementation
6 th week	20.8.25	Assessment of Demand & supply & potential areas of growth
	21.8.25	Identifying Business Opportunity
	25.8.25	Final product selection
	30.8.25	CHAPTER-3 Preliminary project report & Detailed project report

Week/Date	Lecture	Topic to be covered
7 th week	1.9.25	Difference between PPR & DPR
	3.9.25	Techno economic Feasibility
	4.9.25	Project Viability
	6.9.25	CHAPTER-4 Definitions of management, Principles of management
8 th week	8.9.25	Functions of management (planning, organizing, Directing & controlling)
	10.9.25	Level of management in an Organization
	11.9.25	CHAPTER-5 Production management Functions, & Activities
	15.9.25	Productivity, Quality control, Production planning & control

<u>Week/Date</u>	<u>Lecture</u>	<u>Topic to be covered</u>
9 th week	17.9.25	Need for Inventory management
	18.9.25	Models/ Techniques of Inventory management
	20.9.25	Function of Financial management
	22.9.25	Management of Working capital
10 th week	24.9.25	Costing & Break even analysis
	25.9.25	Costing, Break even analysis ,Brief Idea about Accounting Technologies: Book keeping
	4.10.25	Journal entry
	6.10.25	Petty cash book

<u>Week/Date</u>	<u>Lecture</u>	<u>Topic to be covered</u>
11 th week	8.10.25	P & L Accounts
	9.10.25	Balance sheets
	13.10.25	Balance sheets
	15.10.25	Marketing Management Concept of Marketing and Marketing Management
12 th week	16.10.25	Marketing Techniques
	18.10.25	Concept of 4P s (Price, Place, Product, Promotion)
	20.10.25	Human Resource Management Functions of Personnel Management
	22.10.25	Manpower Planning

Week/Date	Lecture	Topic to be covered
13 th week	23.10.25	Recruitment, Sources of manpower, Selection process,
	27.10.25	Method of Testing
	29.10.25	Methods of Training & Development, Payment of Wages
	30.10.25	CHAPTER-6 Leadership Definition and Need/ Importance
14 th week	1.11.25	Qualities & Functions of a leader
	3.11.25	Manager Vs Leader Style of Leadership (Autocratic, Democratic, Participative)
	6.11.25	Motivation Definition and characteristics Importance of motivation
	10.11.25	Factors affecting motivation Theories of motivation (Maslow)

Week/Date	Lecture	Topic to be covered
15 th week	12.11.25	Methods of Improving Motivation Importance of Communication in Business
	13.11.25	Types and Barriers of Communication
	15.11.25	CHAPTER-7 Human relationship and Performance in Organization
	17.11.25	Relations with Peers, Superiors and Subordinates
16 th week	19.11.25	TQM concepts: Quality Policy, Quality Management, Quality system
	20.11.25	Accidents and Safety, Cause, preventive measures, General Safety Rules , Personal Protection Equipment(PPE)
	24.11.25	CHAPTER-8 Intellectual Property Rights(IPR), Patents, Trademarks, Copyrights
	26.11.25	Features of Factories Act 1948 with Amendment (only salient points) Features of Payment of Wages Act 1936 (only salient points)

Week/Date	Lecture	Topic to be covered
17 th week	1st	CHAPTER-9 Concept of IOT, How IOT works
	2nd	Components of IOT, Characteristics of IOT, Categories of IOT
	3rd	Categories of IOT
	4th	Applications of IOT- Smart Cities, Smart Transportation, Smart Home
18 th week	1st	Smart Healthcare
	2nd	Smart Industry
	3rd	Smart Agriculture
	4th	Smart Energy Management
19 th week	1st	Revision
	2nd	Revision
	3rd	Previous year question discussions
	4th	NA

