

UTKALMANI GOPABANDHU INSTITUTE OF ENGINEERING, ROURKELA



LESSON PLAN

SESSION: 2023-2024

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

SUBJECT CODE: Th.1

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

BRANCH: ELECTRONICS & TELECOMMUNICATION

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: PRIYADARSHINI MISHRA



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SEMESTER: DIPLOMA-V

PERIODS PER WEEK: 4

NAME OF THE FACULTY: PRIYADARSHINIMISHRA

NO OF CLASSES ALLOTTED PER WEEK OFF-LINE : 4 (01/08/2023-30/11/2023)

<u>Week/Date</u>	<u>Lecture</u>	<u>Topic to be covered</u>
1 st week	1 st	NA
	2 nd	Concept of Entrepreneurship
	3 rd	Need of Entrepreneurship
	4 th	Need of Entrepreneurship
2 nd week	1 st	Characteristics of an Entrepreneur
	2 nd	Qualities of entrepreneur
	3 rd	Types of Entrepreneurs
	4 th	Functions of Entrepreneurs



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Week/Date	Lecture	Topic to be covered
3 rd week	1 st	Barriers in Entrepreneurship
	2 nd	Entrepreneurship Vs Manager
	3 rd	Sole proprietorship, Partnership forms& others
	4 th	Types of Industries, Concept of Start-ups
4 th week	1 st	Entrepreneurial support agencies (DIC, NSIC,OSIC,SIDBI)
	2 nd	NABARD, Commercial Banks, KVIC
	3 rd	Technology Business Incubators Science& Technology Entrepreneur Parks
	4 th	Science & Technology Entrepreneur Parks (STEPS)



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Week/Date	Lecture	Topic to be covered
5 th week	1 st	CHAPTER-2 Business Planning, SSI
	2 nd	Ancillary Units, Tiny Units, Service sector units
	3 rd	Time schedule plan,
	4 th	Agencies to be contacted for Project Implementation
6 th week	1 st	Assessment of Demand & supply & potential areas of growth
	2 nd	Identifying Business Opportunity
	3 rd	Final product selection
	4 th	CHAPTER-3 Preliminary project report & Detailed project report



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Week/Date	Lecture	Topic to be covered
7 th week	1 st	Difference between PPR & DPR
	2 nd	Techno economic Feasibility
	3 rd	Project Viability
	4 th	CHAPTER-4 Definitions of management, Principles of management
8 th week	1 st	Functions of management (planning, organizing, Directing & controlling)
	2 nd	Level of management in an Organization
	3 rd	CHAPTER-5 Production management Functions, & Activities
	4 th	Productivity, Quality control, Production planning & control



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Week/Date	Lecture	Topic to be covered
9 th week	1 st	Need for Inventory management
	2 nd	Models/ Techniques of Inventory management
	3 rd	Function of Financial management
	4 th	Management of Working capital
10 th week	1 st	Costing & Break even analysis
	2 nd	Costing, Break even analysis ,Brief Idea about Accounting Technologies: Book keeping
	3 rd	Journal entry
	4 th	Petty cash book



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Week/Date	Lecture	Topic to be covered
11 th week	1 st	P & L Accounts
	2 nd	Balance sheets
	3 RD	Balance sheets
	4 th	Marketing Management Concept of Marketing and Marketing Management
12 th week	1 st	Marketing Techniques
	2 nd	Concept of 4P s (Price, Place, Product, Promotion)
	3 rd	Human Resource Management Functions of Personnel Management
	4 th	Manpower Planning



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13 th week	1 st	Recruitment, Sources of manpower, Selection process,
	2 nd	Method of Testing
	3 rd	Methods of Training & Development, Payment of Wages
	4 th	CHAPTER-6 Leadership Definition and Need/ Importance
14 th week	1 st	Qualities & Functions of a leader
	2 nd	Manager Vs Leader Style of Leadership (Autocratic, Democratic, Participative)
	3 rd	Motivation Definition and characteristics Importance of motivation
	4 th	Factors affecting motivation Theories of motivation (Maslow)



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15 th week	1 st	Methods of Improving Motivation Importance of Communication in Business
	2 nd	Types and Barriers of Communication
	3 rd	CHAPTER-7 Human relationship and Performance in Organization
	4 th	Relations with Peers, Superiors and Subordinates
16 th week	1 st	TQM concepts: Quality Policy, Quality Management, Quality system
	2 nd	Accidents and Safety, Cause, preventive measures, General Safety Rules , Personal Protection Equipment(PPE)
	3 rd	CHAPTER-8 Intellectual Property Rights(IPR), Patents, Trademarks, Copyrights
	4 th	Features of Factories Act 1948 with Amendment (only salient points) Features of Payment of Wages Act 1936 (only salient points)



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