

UTKALMANI GOPABANDHU INSTITUTE OF
ENGINEERING, ROURKELA



LESSON PLAN

SESSION: 2022-2023

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

UTKALMANI GOPABANDHU INSTITUTE OF ENGINEERING,ROURKELA



LESSON PLAN

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

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NAME: ENTREPRENEURSHIP & MANAGEMENT & SMART TECHNOLOGY
BRANCH: ELECTRONICS & TELECOMMUNICATION
SEMESTER: DIPLOMA -V

PERIODS PER WEEK: 4

NAME OF THE FACULTY: PRIYADARSHINI MISHRA

NO OF CLASSES ALLOTTED PER WEEK OFF-LINE: 4 (15/09/2022 to 22/12/2022)

Week/Date	Lecture	Topic to be covered	Remarks
1 st week 15/09/2022 To 17/09/2022	1 st	Chapter-1 Concept / Meaning of Entrepreneurship	
	2 nd	Need of Entrepreneurship	
2 nd week 19/09/2022 To 24/09/2022	1 st	Characteristics ,Qualities of Entrepreneur	
	2 nd	Types & Function of Entrepreneur	
	3 rd	Barriers in Entrepreneurship	
	4 th	Entrepreneurship Vs Manager, Sole proprietorship, Partnership forms & others	
3 rd week 26/09/2022 To 01/10/2022	1 st	Types of Industries, Concept of Start-ups	
	2 nd	Entrepreneurial support agencies (DIC, NSIC,OSIC,SIDBI)	

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Week/Date	Lecture	Topic to be covered	Remarks
	3 rd	NABARD, Commercial Banks, KVIC	
	4 th	Technology Business Incubators & Science & Technology Entrepreneur Parks	
4 th week 03/10/2022 To 08/10/2022	1 st	CHAPTER-2 Business Planning, SSI	03/10/2022 TO 08/10/2022 (holiday) Need four extra classes for adjustment
	2 nd	Ancillary Units, Tiny Units, Service sector units	
	3 rd	Time schedule plan,	
	4 th	Agencies to be contacted for Project Implementation	
5 th week 10/10/2022 To 15/10/2022	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	
6 th week 17/10/2022 To 22/10/2022	1 st	Techno economic Feasibility	
	2 nd	Project Viability	
	3 rd	CHAPTER-4 Definitions of management, Principles of management	
	4 th	Functions of management (planning, organizing, directing & controlling)	

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SEMESTER: DIPLOMA -III

PERIODS PER WEEK: 4

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NO OF CLASSES ALLOTTED PER WEEK OFF-LINE: 4 (15/09/2022 to 22/12/2022)

Week/Date	Lecture	Topic to be covered	Remarks
7 th week 24/10/2022 To 29/10/2022	1 st	Level of management in an Organization	24/10/2022(holiday) Need one extra class for adjustment
	2 nd	CHAPTER-5 Production management Functions, Activities, Productivity	
	3 rd	Quality control, Production planning & control	
	4 th	Need for Inventory management	
8 th week 31/10/2022 To 05/11/2022	1 st	Models/ Techniques of Inventory management	
	2 nd	Functions of Financial management, Management of Working capital	
	3 rd	Costing, Break even analysis ,Brief Idea about Accounting Technologies: Book keeping	
	4 th	Journal entry, Petty cash book, P&L Accounts, Balance sheets	

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9 th week 07/11/2022 To 12/11/2022	1 st	Concept of marketing & marketing management, Marketing techniques, Concept of 4Ps	08/11/2022(holiday)Need one extra class for adjustment
	2 nd	Human resource management Functions of personnel management, Manpower planning, Recruitment, Source of manpower	
	3 rd	Selection process, Method of testing, Methods of training & Development, Payment of wages	
	4 th	CHAPTER-6 Definitions & need of Leadership, Qualities & functions of a leader	
10 th week 14/11/2022 To 19/11/2022	1 st	Manager Vs leader, Style of leadership (Autocratic, Democratic, Participative)	
	2 nd	Definition & characteristics of & importance of motivation	
	3 rd	Factors affecting motivation, Theories of motivation (Maslow)	
	4 th	Methods of Improving motivation, Importance of communication in Business	

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11 th week 21/11/2022 To 26/11/2022	1 st	Importance of Communication in Business, Types & Barriers of communication	
	2 nd	CHAPTER-7 Human relationship & performance in organization	
	3 rd	Relationship with peers, Superiors & Subordinates	
	4 th	TQM concepts : Quality policy, Quality management, Quality system	
12 th week 28/11/2022 To 03/12//2022	1 st	Accidents & safety, cause, preventive measures, General safety rules, personal protection equipment(PPE)	
	2 nd	CHAPTER-8 Intellectual Property Rights (IPR), Patents,	
	3 rd	Trademark, Copyrights	
	4 th	Features of factories act 1948 with Amendment	

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13 th week 05/12/22 To 10/12/22	1 st	Features of payment of wages act 1936	
	2 nd	CHAPTER-9 Concept of IOT, How IOT works	
	3 rd	Components of IOT, Characteristics of IOT, Categories of IOT	
	4 th	Categories of IOT	
14 th week 12/12/2022 to 17/12/2022	1 st	Applications of IOT, Smart cities, Smart transportation	
	2 nd	Smart Home , Smart Healthcare	
	3 rd	Smart Industry, Smart Agriculture	
	4 th	Smart energy management	
15 th Week 19/12/2022 to 24/12/2022	1 st	Revision	
	2 nd		
	3 rd	Semester Question discuss	
	4 th	Question practice	