

NM Institute Of Engineering and Technology, Bhubaneswar

DEPARTMENT:CSE

LESSON PLAN: Academic Year 2023-24 (Odd Semester)

COURSE: DIPLOMA

SEMESTER: 5th

Subject/Code: ENTREPRENEURSHIP and MANAGEMENT & SMART TECHNOLOGY

Faculty Name:Hiren Kumar Praharaj

Sl. No.	Name of the Topic to Cover	Text Book	Teaching Method	Course Progress	Remark
1	Concept /Meaning of Entrepreneurship	T1	P		
2	Need of Entrepreneurship	T3	G		
3	Characteristics, Qualities and Types of entrepreneur, Functions	T2	P		
4	Barriers in entrepreneurship	T2	G		
5	Entrepreneurs vrs. Manager	T2	G		
6	Forms of Business Ownership: Sole proprietorship, partnership forms and others	T2	G		
7	Types of Industries, Concept of Start-ups	T3	G		
8	Entrepreneurial support agencies at National, State, District Level(Sources): DIC, NSIC,OSIC, SIDBI, NABARD, Commercial Banks, KVIC etc.	T2	P		
9	Technology Business Incubators (TBI) and Science and Technology Entrepreneur Parks	T1	G		
10	Business Planning	T1	G		
11	SSI, Ancillary Units, Tiny Units, Service sector Units	T3	P		
12	Time schedule Plan, Agencies to be contacted for Project Implementation	T1	G		
13	Assessment of Demand and supply and Potential areas of Growth	T2	P		
14	Identifying Business Opportunity	T3	G		
15	Preliminary project report	T2	G		
16	Detailed project report, Techno economic Feasibility	T2	G		
17	Project Viability	T1	G		
18	Definitions of management	T3	P		
19	Functions of management	T1	G		
20	planning, organising, staffing, directing and controlling etc.	T3	G		
21	Level of Management in an Organisation	T2	G		
22	Production management	T3	G		
23	Functions, Activities	T2	P		
24	Quality control	T3	G		
25	Production Planning and control	T2	G		
26	Inventory Management	T1	G		
27	Need for Inventory management	T1	G		
28	Models/Techniques of Inventory management	T2	P		
29	Financial Management	T2	P		
30	Functions of Financial management	T1	G		
31	Management of Working capital	T3	G		
32	Costing (only concept)	T2	G		
33	Break even Analysis	T1	G		
34	Brief idea about Accounting Terminologies: Book Keeping, Journal entry, Petty Cash book, P&L Accounts, Balance Sheets(only Concepts)	T3	G		
35	Marketing Management	T3	P		
36	Concept of Marketing and Marketing Management	T2	P		
37	Marketing Techniques (only concepts)	T1	G		
38	Concept of 4P s (Price, Place, Product, Promotion)	T3	G		

38	Human Resource Management	T3	G		
39	Functions of Personnel Management	T3	P		
40	Manpower Planning, Recruitment, Sources of manpower, Selection process, Method of Testing, Methods of Training & Development, Payment of Wages	T2	P		
41	Human relationship and Performance in Organization	T1	G		
42	Relations with Peers, Superiors and Subordinates	T2	G		
43	TQM concepts: Quality Policy, Quality Management, Quality system	T3	G		
44	Accidents and Safety, Cause, preventive measures, General Safety Rules , Personal Pr	T1	G		
45	Intellectual Property Rights(IPR), Patents, Trademarks, Copyrights	T2	P		
46	Features of Factories Act 1948 with Amendment (only salient points)	T1	P		
47	Features of Payment of Wages Act 1936 (only salient points)	T3	G		
48	Concept of IOT, How IOT works	T3	P		
49	Components of IOT, Characteristics of IOT, Categories of IOT	T2	P		
50	Applications of IOT- Smart Cities, Smart Transportation, Smart Home, Smart	T1	G		
51	Healthcare, Smart Industry	T2	P		
52	, Smart Agriculture, Smart Energy Management etc.	T1	P		
			Method of Teaching		
			G: Green Board Teaching		
			P: Power Point Teaching		
Faculty Signature					
At the end of this course, students will be able to:					
• Know about Entrepreneurship, Types of Industries and Startups					
• Prepare project report					
• Understand the role of software process and a process model in a project					
• Understand planning and estimation of a software project, • Und• know the management Principles and functional areas of management					
• Understand the role of software process and a process model in a project					
• Understand planning and estimation of a software project, • Und• know the management Principles and functional areas of management					
• Maintain and be a part of healthy work culture in an organisation					
• Know the General Safety Rules					
TEXT BOOKS:					
Entrepreneurship Development and Management by R.K Singhal, Katson Books., New Delhi					
Entrepreneurship Development and Management by U Saroj and V Mahendiratta, Abhishek Publications, Chandigarh					
Entrepreneurship Development and Management by Vasant Desai, Himalaya Pub.House					