

LESSON PLAN-2025W

Discipline: Civil engineering		Name of The Teaching Faculty: RANJITA ROUT			
Subject: E&M&ST (TH1)		Semester From Date: 17.7.2025 To Date 15.11.2025			
SEMESTER-5th		No. Of Weeks: 17			4P/WEEK
No. of Days/week class allotted: 04 period per week Thu-1, Fri-1 & Sat -2					TOTAL PERIOD-60
MONTH	Week	DATE	DAYS	Topics to be covered	NO. OF PERIODS AVAILABLE
J U L				Entrepreneurship (10)	
	3rd	7/17/2025	Thurs	1.1 Concept / Meaning of Entrepreneurship	1
		7/18/2025	Fri	1.2 Need of Entrepreneurship	1
		7/19/2025	Sat	1.3 Characteristics, Qualities and Types of entrepreneur, Functions	2
	4th	7/24/2025	Thurs	1.4 Barriers in entrepreneurship	1
		7/25/2025	Fri	1.5 Entrepreneurs vrs. Manager	1
5th	7/31/2025	Thurs	1.6 Forms of Business Ownership: Sole proprietorship, partnership forms and others	1	
A U G A S T	1th	8/1/2025	Fri	1.7 Types of Industries, Concept of Start-ups	1
		8/2/2025	Sat	1.8 Entrepreneurial support agencies at National, State, District Level(Sources): DIC, NSIC, OSIC, SIDBI, 1.9 Entrepreneurial support agencies at National, State, District Level(Sources): NABARD, Commercial Banks, KVIC etc. 1.10 Technology Business Incubators (TBI) and Science and Technology Entrepreneur Parks	2
				Market Survey and Opportunity Identification (Business Planning) (8)	
	2nd	8/7/2025	Thurs	2.1 Business Planning	1
		8/8/2025	Fri	2.2 SSI, Ancillary Units,	1
	3rd	8/14/2025	Thurs	2.3 Tiny Units, Service sector Units	1
		8/16/2025	Sat	2.4 Time schedule Plan,	2
	4th	8/21/2025	Thurs	2.5 Agencies to be contacted for Project Implementation	1
		8/22/2025	Fri	Growth	1
	5th	8/29/2025	Fri	2.8 Final Product selection	1
				3. CHAPTER -3 Project report Preparation (4)	
	5th	8/30/2025	Sat	3.1 Preliminary project report 3.2 Detailed project report,	2
	1st	9/4/2025	Fri	3.3 Techno economic Feasibility	1

S E P T E M B E R	1st	9/6/2025	Sat	3.4 Project Viability	1
				4. Management Principles (5)	
	1st	9/6/2025	Sat	3.4 Project Viability	1
	2nd	9/11/2025	Thurs	4.1 Definitions of management	1
		9/12/2025	Fri	4.3 Functions of management (planning, organising,.)	1
	3rd	9/18/2025	Thurs	4.4 Functions of management (staffing, directing and controlling	1
		9/19/2025	Fri	4.5 Level of Management in an Organisation 4.5 Level of Management in an Organisation	1
				5. Functional Areas of Management (10)	
	3rd	9/20/2025	Sat	5.1 (a) Production management , Functions, Activities	2
	4th	9/25/2025	Thurs	5.1.1.a) Quality control	1
9/26/2025		Fri	5.3 (c) Financial Management # Functions of Financial management # Management of Working capital	1	
O C T O B E R	1st	10/3/2025	Fri	5.3.1 Costing (only concept) # Break even Analysis # Brief idea about Accounting Terminologies: Book Keeping, Journal entry, Petty Cash book, P&L Accounts, Balance	2
		10/4/2025	Sat	5.4 Marketing Management, • Concept of Marketing and Marketing 5.4.1 Marketing Techniques (only concepts), • Concept of 4P s (Price, Place, Product, Promotion)	2
	2nd	10/9/2025	Thurs	5.5.1 Manpower Planning, Recruitment, Sources of manpower, Selection process, Method of Testing, Methods of Training & Development, Payment of Wages	1
		10/10/2025	Fri	6.1(a) Leadership-Definition and Need/Importance, • Qualities and functions of a leader6. 1.1 Manager Vs Leader, • Style of Leadership (Autocratic, Democratic, Participative)	1
				6. Leadership and Motivation (6)	
	3rd	10/16/2025	Thurs	6.2(b) Motivation-Definition and characteristics, • Importance of motivation	1
		10/17/2025	Fri	6.2.1 Factors affecting motivation, • Theories of motivation (Maslow)	1
		10/18/2025	Sat	6.2.2 Methods of Improving Motivation, • Importance of Communication in Business	2
	4th	10/23/2025	Thurs	6.3 Types and Barriers of Communication	1
		10/24/2025	Fri	7.1 Human relationship and Performance in Organization 7.2 Relations with Peers, Superiors and Subordinates	1
			7. Work Culture, TQM & Safety (5)		

	5th	10/30/2025	Thurs	7.3 TQM concepts: Quality Policy, Quality Management, Quality system	1
		10/31/2025	Fri	7.4 Accidents and Safety, Cause, preventive measures, General	1
N O V E M B E R	1st	11/1/2025	Sat	7.5 Safety Rules , Personal Protection Equipment(PPE)	2
	2nd	11/6/2025	Thurs	7.5 Safety Rules , Personal Protection Equipment(PPE)	1
				8. Legislation (6)	
	2nd	11/7/2025	Fri	8.1(a) Intellectual Property Rights(IPR)	1
	3rd	11/13/2025	Thurs	8.1.1 Patents	1
		11/14/2025	Fri	8.1.2 Trademarks	1
		11/15/2025	Sat	8.1.3 copyrights	2
Extra class				8.2 (b) Features of Factories Act 1948 with Amendment (only salient points)	
				8.3 Features of Payment of Wages Act 1936 (only salient points)	
				9. Smart Technology (6)	
				9.1.1 Components of IOT, Characteristics of IOT,	
				9.1.2 Categories of IOT	
				9.2 Applications of IOT- Smart Cities, Smart Transportation,	
				9.2.1 Smart Home, Smart Healthcare, Smart Industry,	
				9.2.2 Smart agriculture, Smart energy management.	
				Revision	

LESSON PLAN

Discipline: civil engineering Name of The Teaching Faculty: Lect. - C.M.Swarupa Nanda

Subject: Entrepreneurship & Management & Smart Technology Semester From Date: 01-10-2021 To Date 08-01-2022

SEMESTER-5th	No. Of Weeks:14	4P/WEEK
No. of Days/week class allotted:04 period per week (Mon, Tue, Wed, & Sat-1 Period each)		TOTAL PERIOD-60

MONTH	Week	DATE	DAYS/PERIOD	Syllabus to be covered	NO. OF PERIODS AVAILABLE
				Chapter-1- Entrepreneurship (10)	
OCT	2nd	4/10/2021	Monday	1.1 Concept / Meaning of Entrepreneurship	1
		5/10/2021	Tuesday	1.2 Need of Entrepreneurship	1
		6/10/2021	Wednesday	1.3 Characteristics, Qualities and Types of entrepreneur, Functions	1
		9/10/2021	Saturday	1.4 Barriers in entrepreneurship	1
	3rd	11/10/2021	Monday	1.5 Entrepreneurs vrs. Manager	1
	4th	23/10/2021		1.6 Forms of Business Ownership: Sole proprietorship, partnership forms and others	1
		26/10/2021	Tuesday	1.7 Types of Industries, Concept of Start-ups	1
		1/11/2021	Monday	1.8 Entrepreneurial support agencies at National, State, District Level(Sources): DIC, NSIC, OSIC, SIDBI,	1
1ST	2/11/2021	Tuesday	1.9 Entrepreneurial support agencies at National, State, District Level(Sources): NABARD, Commercial Banks, KVIC etc.	1	
	3/11/2021	Wednesday	1.10 Technology Business Incubators (TBI) and Science and Technology Entrepreneur Parks	1	

			Chapter 2 - Market Survey and Opportunity Identification (Business Planning) (8)		
NOV	1ST	6/11/2021	Saturday	2.1 Business Planning	1
	2nd	8/11/2021	Monday	2.2 SSI, Ancillary Units,	1
		9/11/2021	Tuesday	2.3 Tiny Units, Service sector Units	1
		10/11/2021	Wednesday	2.4 Time schedule Plan,	1
		13/11/2021	Saturday	2.5 Agencies to be contacted for Project	1
	3rd	15/11/2021	Monday	2.6 Assessment of Demand and supply and	1
		16/11/2021	Tuesday	2.7 Identifying Business Opportunity	1
		17 /11/2021	Wednesday	2.8 Final Product selection	1
				Chapter -3 Project report Preparation (4)	
	4th	22/11/2021	Monday	3.1 Preliminary project report	1
23/11/2021		Tuesday	3.2 Detailed project report,	1	
24/11/2021		Wednesday	3.3 Techno economic Feasibility	1	
27/11/2021		Saturday	3.4 Project Viability	1	
			Chapte 4. Management Principles (5)		
5th	29/11/2021	Monday	4.1 Definitions of management	1	
DEC	1st	1/12/2021	Wednesday	4.3 Functions of management (planning,	1
		4/12/2021	Saturday	4.4 Functions of management (staffing,	1
		6/12/2021	Monday	4.5 Level of management	1
	2nd	7/12/2021	Tuesday	4.5 .1 Level of Management in an Organisation	1
				chapter 5. Functional Areas of Management (10)	
		8/12/2021	Wednesday	5.1 9(a)Production management , Functions,	1
		11/12/2021	Saturday	5.1.1 Productivity	1
	3rd	13/12/2021	Monday	5.2 Inventory Management	1
		14/12/2021	Tuesday	5.2.2 Models/Techniques of Inventory	1
		15/12/2021	Wednesday	5.3 Financial Management	1
18/12/2021		Saturday	5.3.3Costing (only concept)	1	
4Th	20/12/2021	Monday	5.4 Marketing Management,Concept of	1	
	21/12/2021	Tuesday	5.4.1Marketing Techniques (only	1	
	22/12/2021	Wednesday	5.5 Human Resource Management	1	
	27/12/2021	Monday	5.5.2 Manpower Planning, Recruitment,	1	

				chapter 6. Leadership and Motivation (6)	
	5th	28/12/2021	Tuesday	6.1(a) Leadership-Definition and	1
		29/12/2021	Wednesday	6.1.1 Manager Vs Leader,6.1.2 Style of	1
	1st	01/1/2021	Saturday	6.2(b) Motivation-Definition and	1
JAN	2nd	03/01/2022	Monday	6.2.1 Factors affecting motivation,Theories of	1
		04/01/2022	Tuesday	6.2.2 Methods of Improving	1
		05/01/2022	Wednesday	6.3 Types and Barriers of Communication	1
				chapter 7. Work Culture, TQM & Safety (5)	
		8/1/2022	Saturday	7.1 Human relationship and Performance in	1
				7.2 Relations with Peers, Superiors and	1
			7.3 TQM concepts: Quality Policy, Quality	1	
			7.4 Accidents and Safety, Cause, preventive	1	
			7.5 Safety Rules , Personal Protection	1	
			chapter-8 Legislation(6)		
			8.1(a) Intellectual Property Rights(IPR)	1	
			8.1.1 Patents	1	
			8.1.2 Trademarks	1	
			8.1.3 copyrights	1	
			8.2 (b) Features of Factories Act 1948 with Amer	1	
			8.3 Features of Payment of Wages Act 1936	1	
			Chapter -9 Smart Technology (6)		
			9.1 Concept of IOT,How IOT works	1	
			9.1.1Components of IOT, Characteristics of IOT,	1	
			9.1.2 Categories of IOT	1	
			9.2 Applications of IOT- Smart Cities, Smart	1	
			9.2.1 Smart Home, Smart Healthcare, Smart	1	
			9.2.2 Smart agriculture, Smart energy	1	