


LESSONPLAN

Discipline: Electrical Engg.	Semester: 5 th (Session-2025-2026)	Name of the Teaching Faculty: N . C BEHERA , Sr. Lect. (Electrical)	STATUS
Subject: EMST	No.Of Days/Week Class Allotted = 4	Semester :From Date 14.07.2025 To Date: 15.11.2025 No. of Weeks: 15	
Week	Class Day	Theory/ Practical Topics	
1st	1st	Concept /Meaning of Entrepreneurship and Need of Entrepreneurship	
	2nd	Characteristics, Qualities and Types of entrepreneurs	
	3rd	Functions and Barriers in entrepreneurship	
	4th	Entrepreneurs 'vs Manager Forms of Business Ownership: Sole proprietorship, Partnership forms	
2nd	1st	Cooperative society ,joint Hindu family business	
	2nd	Joint stock company types of Industries, Concept of Start-ups	
	3rd	Entrepreneurial support agencies at National, State ,District Level (Sources): DIC, NSIC,OSIC,SIDBI	
	4th	NABARD ,Commercial Banks, KVIC	
3rd	1st	Questions answer discussion	
	2nd	Technology Business Incubators (TBI) and Science and Technology Entrepreneur Parks	
	3rd	Business Planning, SSI ,Ancillary Units, Tiny Units	
	4th	Time schedule Plan, Agencies to be contacted for Project Implementation	
4th	1st	Assessment of Demand and supply, Potential areas of Growth	
	2nd	Identifying Business Opportunity	
	3rd	Final Product selection	
	4th	Quiz test	
5th	1st	Preliminary project report	
	2nd	Detailed project report	
	3rd	Techno economic Feasibility	
	4th	Project Viability	
6th	1st	Definitions of management and Principles of management	
	2nd	Functions of management :planning, organizing	
	3rd	Staffing, directing and controlling	
	4th	Level of Management in an Organization	
7th	1st	Questions answer discussion	

	2nd	Production management: Functions, Activities and Productivity	
	3rd	Quality control ,Production Planning and control	
	4th	Inventory Management: Need for Inventory management	
8th	1st	Models/Techniques of Inventory management	
	2nd	Financial Management: Functions of Financial management, management of Working capital	
	3rd	Costing (only concept), Breakeven Analysis,	
	4th	Brief idea about Accounting Terminologies: Book Keeping ,Journal entry, Petty Cashbook	
9th	1st	P&L Accounts ,Balance Sheets (only Concepts)	
	2nd	Marketing Management: Concept of Marketing and Marketing Management	
	3rd	Marketing Techniques (only concepts)Concept of 4P s (Price ,Place, Product, Promotion)	
	4th	Human Resource Management: Functions of Personnel Management, Manpower Planning, Recruitment, Sources of manpower	
10th	1st	Selection process, Method of Testing, Methods of Training & Development, Payment of Wages	
	2nd	Question answer discussion	
	3rd	Quiz test	
	4th	Leadership: Definition and Need/Importance qualities of a leader	
11th	1st	Leadership: qualities of a leader	
	2nd	Functions of a leader and Manager Vs Leader	
	3rd	Style of Leadership (Autocratic, Democratic, Participative)	
	4th	Motivation: Definition and characteristics and Importance of motivation	
12th	1st	Factors affecting motivation and Theories of motivation (Maslow)	
	2nd	Methods of Improving Motivation ,Importance of Communication in Business, Types and Barriers of Communication	
	3rd	Work Culture, TQM & Safety: Human relationship and Performance in Organization	
	4th	Relations with Peers Superiors and Subordinates	
13th	1st	TQM concepts: Quality Policy, Quality Management	
	2nd	Quality system, Accident sand Safety, Causes of accident	
	3rd	Preventive measures ,General Safety Rules, Personal Protection Equipment (PPE)	

	4th	Legislation : Intellectual Property Rights (IPR), Patents, Trade marks and copyrights	
14th	1st	Features of Factories Act 1948 with Amendment (only salient points)	
	2nd	Features of Payment of Wages Act 1936 (only salient points)	
	3rd	Smart Technology: Concept of IOT, How IOT works	
	4th	Components of IOT, Characteristics of IOT, Categories of IOT	
15th	1st	Applications of IOT: Smart Cities, Smart Transportation, Smart Home, Smart Healthcare	
	2nd	Smart Energy Management etc.	
	3rd	Quiz test	
	4th	Possible questions discussion	


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