



C.V. RAMAN POLYTECHNIC BBSR

LESSON PLAN

Discipline: Diploma Branch: CSE	Semester: 5th	Name of the Teaching Faculty: Sambhu Prasad Panda
Subject: EMST (TH-1)	No. of Days/per week class allotted: 60days/ 4 class per week	Semester From Date: 14/07/2025 To Date:15/11/2025 No. of Weeks:15
Week	Class Day	Theory
1 st	1 st	Brief Description of the Topic/Chapter to be Taught
	2 nd	Concept /Meaning of Entrepreneurship
	3 rd	Need of Entrepreneurship
	4 th	Characteristics, Qualities and Types of entrepreneur, Functions
2 nd	1 st	Barriers in entrepreneurship
	2 nd	Entrepreneurs vs. Manager
	3 rd	Forms of Business Ownership: Sole proprietorship
	4 th	Partnership forms and others
3 rd	1 st	Types of Industries, Concept of Start-ups
	2 nd	Entrepreneurial support agencies at National, State, District Level (Sources):
	3 rd	DIC, NSIC, OSIC, SIDBI, NABARD, Commercial Banks, KVIC etc.
	4 th	Technology Business Incubators (TBI) and Science and Technology Entrepreneur Parks
4 th	1 st	Business Planning
	2 nd	SSI, Ancillary Units, Tiny Units, Service sector Units
	3 rd	Time schedule Plan
	4 th	Agencies to be contacted for Project Implementation
5 th	1 st	Assessment of Demand and supply and Potential areas of Growth
	2 nd	Identifying Business Opportunity
	3 rd	Final Product selection
	4 th	Preliminary project report
6 th	1 st	Detailed project report, Techno economic Feasibility
	2 nd	Project Viability
	3 rd	Definitions of management
	4 th	Principles of management
7 th	1 st	Functions of management
	2 nd	Level of Management in an Organisation

	3 rd	Production management
	4 th	Functions, Activities
8 th	1 st	Productivity
	2 nd	Quality control
	3 rd	Production Planning and control
	4 th	Inventory Management - Need for Inventory management
9 th	1 st	Models/Techniques of Inventory management
	2 nd	Functions of Financial management
	3 rd	Management of Working capital
	4 th	Costing (only concept)
10 th	1 st	Break even Analysis
	2 nd	Brief Idea about Accounting terminologies, Book Keeping
	3 rd	Journal entry, Petty Cash book
	4 th	P&L Accounts, Balance Sheets (only Concepts)
11 th	1 st	Concept of Marketing and Marketing Management
	2 nd	Marketing Techniques (only concepts)
	3 rd	Concept of 4Ps (Price, Place, Product, Promotion)
	4 th	Functions of Personnel Management
12 th	1 st	Manpower Planning, Recruitment
	2 nd	Selection process Method of Testing
	3 rd	Methods of Training & Development, Payment of Wages
	4 th	Definition and Need/Importance
13 th	1 st	Qualities and functions of a leader
	2 nd	Manager Vs Leader
	3 rd	Style of Leadership (Autocratic, Democratic, Participative)
	4 th	Definition and characteristics of Motivation
14 th	1 st	Importance of motivation; Factors affecting motivation; Theories of motivation (Maslow)
	2 nd	Methods of Improving Motivation; Importance of Communication in Business; Types and Barriers of Communication
	3 rd	Human relationship and Performance in Organization; Relations with Peers, Superiors and Subordinates
	4 th	TQM concepts: Quality Policy, Quality Management, Quality system; Accidents and Safety; Preventive measures; General Safety Rules; Personal Protection Equipment (PPE)
15 th	1 st	Intellectual Property Rights (IPR), Patents, Trademarks, Copyrights; Features of Factories Act 1948 (salient points); Features of Payment of Wages Act 1936 (salient points)
	2 nd	Concept of IOT, How IOT works; Components, Characteristics, and Categories of IOT
	3 rd	Applications of IOT - Smart Cities, Smart Transportation
	4 th	Smart Home, Smart Healthcare, Smart Industry, Smart Agriculture, Smart Energy Management etc

Signature of the Faculty

Signature of HOD (CSE)