

LESSON PLAN FOR ACADEMIC SESSION: 2023-24(Winter-23)

Discipline: Electrical Engineering		Semester : 5th	Name of the Teaching Faculty :BIKASH KUMAR NAYAK
Subject : Entrepreneurship and Management & Smart Technology	No. of days / week class allotted		Semester From : 01.08.2023 to 30.11.2023 Nos. of Weeks per semester : 15
Week	Class Day	Chapter	Theory Topics
1 ST	1 st	Chapter-1 Entrepreneurship	Concept /Meaning of Entrepreneurship
	2 nd		Need of Entrepreneurship
	3 rd		Characteristics, Qualities of Entrepreneurship
	4 th		Types of entrepreneur and Functions
2 ND	1 st		Barriers in entrepreneurship
	2 nd		Entrepreneurs vs Manager
	3 rd		Forms of Business Ownership: Sole proprietorship, partnership forms and others
	4 th		Types of Industries, Concept of Start-ups
3 RD	1 st		Entrepreneurial support agencies at National, State, District Level(Sources): DIC, NSIC,OSIC, SIDBI, NABARD, Commercial Banks, KVIC etc.
	2 nd		Technology Business Incubators (TBI) and Science and Technology Entrepreneur Parks
	3 rd		Business Planning
	4 th		SSI, Ancillary Units, Tiny Units, Service sector Units
4 TH	1 st		Time schedule Plan, Agencies to be contacted for Project Implementation
	2 nd		Assessment of Demand
	3 rd		Assessment of supply
	4 th		Potential areas of Growth
5 TH	1 st		Identifying Business Opportunity
	2 nd		Final Product selection
	3 rd		Preliminary project report
	4 th		Detailed project report
6 TH	1 st	Chapter-3 Project report Preparation	Techno economic Feasibility
	2 nd		Project Viability
	3 rd	Chapter-4 Management Principles	Definitions of management.
	4 th		Principles of management

7 TH	1 st	Chapter-5 Functional Areas of Management	Functions of management (planning, organizing)
	2 nd		Functions of management (staffing, directing and controlling etc.)
	3 rd		Level of Management in an Organisation
	4 th		Production management - Functions, Activities, Productivity
8 TH	1 st		Quality control , Production Planning and control
	2 nd		Inventory Management - Need for Inventory management
	3 rd		Models/Techniques of Inventory management
	4 th		Financial Management - Functions of Financial management, Management of Working capital
9 TH	1 st		Costing , Break even Analysis
	2 nd		Brief idea about Accounting Terminologies: Book Keeping, Journal entry, Petty Cash book
	3 rd		P&L Accounts, Balance Sheets
	4 th		Marketing Management - Concept of Marketing and Marketing Management
10 TH	1 st		Marketing Techniques , Concept of 4P s (Price, Place, Product, Promotion)
	2 nd		Human Resource Management - Functions of Personnel Management ,Manpower Planning, Recruitment,
	3 rd		Sources of manpower, Selection process, Method of Testing, Methods of Training & Development, Payment of Wages
	4 th	Chapter-6 Leadership and Motivation	Leadership -Definition and Need/Importance ,Qualities and functions of a leader , Manager Vs Leader
11 TH	1 st		Style of Leadership (Autocratic, Democratic, Participative)
	2 nd		Motivation - Definition and characteristics ,Importance of motivation, Factors affecting motivation
	3 rd		Theories of motivation (Maslow) • Methods of Improving Motivation.
	4 th		Importance of Communication in Business
12 th	1 st	Chapter-7 Work Culture, TQM & Safety	Types and Barriers of Communication
	2 nd		Human relationship and Performance in Organization
	3 rd		Relations with Peers, Superiors and Subordinates
	4 th		TQM concepts: Quality Policy, Quality Management, Quality system
13 th	1 st	Chapter-8 Legislation	Accidents and Safety, Cause, preventive measures, General Safety Rules , Personal Protection Equipment(PPE)
	2 nd		Intellectual Property Rights (IPR)
	3 rd		Patents, Trademarks, Copyrights
	4 th		Features of Factories Act 1948 with Amendment

14 th	1 st	Chapter-9 Smart Technology	Features of Factories Act 1948 with Amendment
	2 nd		Features of Payment of Wages Act 1936
	3 rd		Features of Payment of Wages Act 1936
	4 th		Concept of IOT, How IOT works
15 th	1 st	Chapter-9 Smart Technology	Components of IOT, Characteristics of IOT, Categories of IOT
	2 nd		Applications of IOT- Smart Cities, Smart Transportation
	3 rd		Smart Home, Smart Healthcare, Smart Industry
	4 th		Smart Agriculture, Smart Energy Management etc.

Bhaya
21/07/23

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