

BHUBANANANDA ORISSA SCHOOL OF ENGINEERING,CUTTACK

DEPARTMENT OF ELECTRICAL ENGINEERING

LESSON PLAN



SUBJECT : EMST

ACADEMIC SESSION: 2024-25

FACULTY : MRS MANISHA MOHANTY

SEMESTER:5TH

SECTION:C

Discipline: Electrical Engg.	Semester: 5th (C)	Name of the teaching faculty: SRIKANT THAKUR, MANISHA MOHANTY
Subject- ENTREPRENEURSHIP and MANAGEMENT & SMART TECHNOLOGY (TH-1)	No. of Days/per week class allotted: 04 PERIODS/WEEK (TUE,WED,FRI,SAT-1 Period Each)	Semester: From Date: 01/07/2024 To Date: 08/11/2024 No. of weeks: 20 WEEKS
Week	Class Day	Theory/Practical Topics
1 st (01/07/2024-06/07/2024)	02/07/2024	Unit-1: Entrepreneurship: a. Concept/Meaning of entrepreneurship b. Need of entrepreneurship
	03/07/2024	c. characteristics, qualities and type of entrepreneur, Functions.
	04/07/2024	d. Barriers to entrepreneurship
	06/07/2024	e. Entrepreneurs vrs. Manager
2 nd (08/07/2024-13/07/2024)	09/07/2024	f. Forms of Business Ownership: Sole proprietorship, partnership forms and others
	10/07/2024	g. Types of Industries, Concept of Start-ups
	11/07/2024	h.Entrepreneurial support agencies at National, State, District Level(Sources): DIC, NSIC,OSIC, SIDBI, NABARD, Commercial Banks, KVIC etc.
	13/07/2024	h.Entrepreneurial support agencies at National, State, District Level(Sources): DIC, NSIC,OSIC, SIDBI, NABARD, Commercial Banks, KVIC etc.
3 rd (15/07/2024-20/07/2024)	16/07/2024	i. Technology Business Incubators (TBI) and Science and Technology Entrepreneur Parks
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	20/07/2024	Unit -2: Market Survey and Opportunity Identification (Business Planning) : a. Business Planning
4 th (22/07/2023-27/07/2024)	23/07/2024	b.SSI, Ancillary Units, Tiny Units, Service sector Units
	24/07/2024	b.SSI, Ancillary Units, Tiny Units, Service sector Units
	25/07/2024	c.Time schedule Plan, Agencies to be contacted for Project Implementation
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5 th (29/07/2024-03/08/2024)	30/07/2024	d. Assessment of Demand and supply and Potential areas of Growth
	31/07/2024	e. Identifying Business Opportunity
	01/08/2024	f. Final Product selection
	03/08/2024	Unit -3: Project report Preparation : a.Preliminary project report
6 th (05/08/2024-10/08/2024)	06/08/2024	b. Detailed project report, Techno economic Feasibility
	07/08/2024	b. Detailed project report, Techno economic Feasibility
	08/08/2024	c. Project Viability
	10/08/2024	Unit -4:Management Principles: a. Definitions of management
7 th (12/08/2024-17/08/2024)	13/08/2024	INTERNAL
	14/08/2024	b.Principles of management
	17/08/2024	c. Functions of management (planning, organising, staffing, directing and controlling etc.)
8 th (19/08/2024-24/08/2024)	20/08/2024	c. Functions of management (planning, organising, staffing, directing and controlling etc.)
	21/08/2024	d.Levels of Management in an Organisation
	22/08/2024	Unit 5: Functional Areas of Management: a) Production management i) <input type="checkbox"/> Functions, Activities

	24/08/2024	ii) <input type="checkbox"/> Productivity iii) <input type="checkbox"/> Quality control iv) <input type="checkbox"/> Production Planning and control
9 th (26/08/2024-01/09/2024)	27/08/2024	b) Inventory Management i) Need for Inventory management
	28/08/2024	ii) Models/Techniques of Inventory management
	29/08/2024	c) Financial Management i. Functions of Financial management ii. Management of Working capital
	31/08/2024	iii. Costing (only concept) iv. Break even Analysis
11 th (02/09/2024-07/09/2024)	03/09/2024	v. Brief idea about Accounting Terminologies: Book Keeping, Journal entry, Petty Cash book, P&L Accounts, Balance Sheets(only Concepts)
	04/09/2024	d) Marketing Management i. Concept of Marketing and Marketing Management
	05/09/2024	ii. Marketing Techniques (only concepts) iii. Concept of 4P s (Price, Place, Product, Promotion)
12 th (09/10/2024-14/09/2024)	10/09/2024	ii. Marketing Techniques (only concepts)
	11/09/2024	iii. Concept of 4P s (Price, Place, Product, Promotion)
		e) Human Resource Management i. Functions of Personnel Management
	12/09/2024	ii. Manpower Planning, Recruitment, Sources of manpower, Selection process, Method of Testing,
	14/09/2024	ii. Manpower Planning, Recruitment, Sources of manpower, Selection process, Method of Testing,
14 th (16/09/2024-21/09/2024)	17/09/2024	Unit 6: Leadership and Motivation a) Leadership
	18/09/2024	i. Definition and Need/Importance

	19/09/2024	ii. Qualities and functions of a leader
	21/09/2024	iii. Manager Vs Leader iv. Style of Leadership
15 th (23/09/2024-28/09/2024)	24/09/2024	iv. Style of Leadership Autocratic Democratic Participative
	25/09/2024	b. Motivation i. Definition and characteristics ii. Importance of motivation
	27/09/2024	Quiz test
	28/09/2024	iii. Factors affecting motivation iv. Theories of motivation (Maslow)
16 th (30/09/2024-05/10/2024)	01/10/2024	v. Methods of Improving Motivation vi. Importance of Communication in Business vii. Types and Barriers of Communication
	03/10/2024	Unit 7:-Work Culture, TQM & Safety a. Human relationship and Performance in Organization
	05/10/2024	b. Relations with Peers, Superiors and Subordinates
17 th (14/10/2024-19/10/2024)	15/10/2023	c. TQM concepts: Quality Policy, Quality Management, Quality system
	16/10/2024	Class test 1
	17/10/2024	d. Accidents and Safety, Cause, preventive measures, General Safety Rules, Personal Protection Equipment(PPE)
	19/10/2024	Unit 8:Legislation a. Intellectual Property Rights(IPR), Patents, Trademarks, Copyrights
18 th (21/10/2024-26/10/2024)	22/10/2024	b. Features of Factories Act 1948 with Amendment (only salient points)
	23/10/2024	c. Features of Payment of Wages Act 1936 (only salient points)

	24/11/2024	Unit9: Smart Technology
	26/10/2024	a. Concept of IOT, How IOT works
19 th (28/10/2024-02/11/2024)	29/10/2024	b. Components of IOT, Characteristics of IOT, Categories of IOT
	30/11/2024	c. Applications of IOT- Smart Cities, Smart Transportation, Smart Home, Smart Healthcare, Smart Industry
20 th (04/11/2024-08/11/2024)	03/11/2024	REVISION
	04/11/2024	REVISION
	05/11/2024	REVISION
	07/11/2024	REVISION

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