

BHUBANANANDA ORISSA SCHOOL OF ENGINEERING,CUTTACK

DEPARTMENT OF ELECTRICAL ENGINEERING

LESSON PLAN



SUBJECT : EMST

ACADEMIC SESSION: 2024-25

FACULTY : MRS MANISHA MOHANTY /

SEMESTER:5TH

GANESH PRADHAN

SECTION:A

Discipline: Electrical Engg.	Semester: 5th (A)	Name of the teaching faculty: MANISHA MOHANTY,GANESH PRADHAN
Subject- ENTREPRENEURSHIP and MANAGEMENT & SMART TECHNOLOGY (TH-1)	No. of Days/per week class allotted: 04 PERIODS/WEEK (THU-2,FRI-1,SAT-1 Period Each)	Semester: From Date: 01/07/2024 To Date: 08/11/2024 No. of weeks: 18 WEEKS
Week	Class Day	Theory/Practical Topics
1 st (01/07/2024-06/07/2024)	04/07/2024	Unit-1: Entrepreneurship: a. Concept/Meaning of entrepreneurship b. Need of entrepreneurship c. characteristics, qualities and type of entrepreneur, Functions
	05/07/2024	d. characteristics, qualities and type of entrepreneur, Functions.
	06/07/2024	e. Entrepreneurs vrs. Manager
2 nd (08/07/2024-13/07/2024)	11/07/2024	e. Forms of Business Ownership: Sole proprietorship, partnership forms and others f. Types of Industries, Concept of Start-ups
	12/07/2024	g. Entrepreneurial support agencies at National, State, District Level(Sources): DIC, NSIC,OSIC, SIDBI, NABARD, Commercial Banks, KVIC etc.
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3 rd (15/07/2024-20/07/2024)	18/07/2024	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)	25/07/2024	b.SSI, Ancillary Units, Tiny Units, Service sector Units
	26/07/2024	c.Time schedule Plan, Agencies to be contacted for Project Implementation
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5 th (29/07/2024-03/08/2024)	01/08/2024	d. Assessment of Demand and supply and Potential areas of Growth
	02/08/2024	e. Identifying Business Opportunity f. Final Product selection
	03/08/2024	Unit -3: Project report Preparation : a.Preliminary project report
6 th (05/08/2024-10/08/2024)	08/08/2024	b. Detailed project report, Techno economic Feasibility
	09/08/2024	c. Project Viability
	10/08/2024	Unit -4:Management Principles: a. Definitions of management
7 th (12/08/2024-17/08/2024)	16/08/2024	b.Principles of management
	17/08/2024	b.Principles of management
		c. Functions of management (planning, organising, staffing, directing and controlling etc.)
8 th (19/08/2024-24/08/2024)	22/08/2024	c. Functions of management (planning, organising, staffing, directing and controlling etc.) d.Levels of Management in an Organisation
	23/08/2024	Unit 5: Functional Areas of Management: a) Production management i) <input type="checkbox"/> Functions, Activities ii) <input type="checkbox"/> Productivity iii) <input type="checkbox"/> Quality control iv) <input type="checkbox"/> Production Planning and control
	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)	29/08/2024	b) Inventory Management i) Need for Inventory management ii) Models/Techniques of Inventory management
	30/08/2024	c) Financial Management i. Functions of Financial management ii. Management of Working capital
	31/08/2024	iii. Costing (only concept) iv. Break even Analysis
10 th (02/09/2024-07/09/2024)	05/09/2024	v. Brief idea about Accounting Terminologies: Book Keeping, Journal entry, Petty Cash book, P&L Accounts, Balance Sheets(only Concepts d) Marketing Management i. Concept of Marketing and Marketing Management
	06/09/2024	ii. Marketing Techniques (only concepts) iii. Concept of 4P s (Price, Place, Product, Promotion)
11 th (09/10/2024-14/09/2024)	12/09/2024	ii. Marketing Techniques (only concepts) iii. Concept of 4P s (Price, Place, Product, Promotion) e) Human Resource Management i. Functions of Personnel Management
	13/09/2024	Internal assessment
	14/09/2024	ii. Manpower Planning, Recruitment, Sources of manpower, Selection process, Method of Testing,
12 th (16/09/2024-21/09/2024)	19/09/2024	Unit 6: Leadership and Motivation a) Leadership i. Definition and Need/Importance
	20/09/2024	ii. Qualities and functions of a leader
	21/09/2024	iii. Manager Vs Leader iv. Style of Leadership

13 th (23/09/2024-28/09/2024)	26/09/2024	iv. Style of Leadership Autocratic Democratic Participative Quiz test
	27/09/2024	b. Motivation i. Definition and characteristics ii. Importance of motivation
	28/09/2024	iii. Factors affecting motivation iv. Theories of motivation (Maslow)
14 th (30/09/2024-05/10/2024)	03/10/2024	v. Methods of Improving Motivation vi. Importance of Communication in Business vii. Types and Barriers of Communication
	04/10/2024	Unit 7:-Work Culture, TQM & Safety a. Human relationship and Performance in Organization
	05/10/2024	b. Relations with Peers, Superiors and Subordinates
15 th (14/10/2024-19/10/2024)	17/10/2023	c. TQM concepts: Quality Policy, Quality Management, Quality system Class test 2
	18/10/2024	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
16 th (21/10/2024-26/10/2024)	24/10/2024	b. Features of Factories Act 1948 with Amendment (only salient points) c. Features of Payment of Wages Act 1936 (only salient points)
	25/10/2024	Unit9: Smart Technology
	26/10/2024	a. Concept of IOT, How IOT works
17 th (28/10/2024-02/11/2024)	01/11/2024	b. Components of IOT, Characteristics of IOT, Categories

		of IOT
	02/11/2024	c. Applications of IOT- Smart Cities, Smart Transportation, Smart Home, Smart Healthcare, Smart Industry
18 th (04/11/2024-08/11/2024)	07/11/2024	REVISION
	08/11/2024	REVISION