

**BHUBANANANDA ORISSA SCHOOL OF ENGINEERING,
CUTTACK**

**LESSON PLAN (2023-24)
BY: ER. PRFULLA KUMAR PANDA**



SUBJECT : EMST

SEMESTER : 5th

BRANCH : AE & I

Bhubanananda Orissa School of Engineering

Lesson Plan

Discipline: AE&I	Semester: 3 rd	Name of the Teaching Faculty: PRAFULLA KUMAR PANDA
Subject: EMST	No of Days/per week class allotted:4 MON,TUE, WED,THU	Semester from 01.08. 2023 to 30/11/2023 No of weeks:
Week No.	Class Day	Theory Topics
		Syllabus discussion
	01/08/2023	5. Functional Areas of Management a) Production management • Functions, Activities • Productivity
	02/08/2023	• Quality control • Production Planning and control
	08/08/2023	b) Inventory Management • Need for Inventory management • Models/Techniques of Inventory management
	09/08/2023	c) Financial Management • Functions of Financial management • Management of Working capital
	16/08/2023	• Costing (only concept) • Break even Analysis
	22/08/2023	• Brief idea about Accounting Terminologies: Book Keeping, Journal entry, Petty Cash book, P&L Accounts, Balance Sheets(only Concepts
	23/08/2023	d) Marketing Management • Concept of Marketing and Marketing Management • Marketing Techniques (only concepts)
	23/08/2023	• Concept of 4P s (Price, Place, Product, Promotion) e) Human Resource Management
	05/09/2023	• Functions of Personnel Management
	12/09/2023	• Manpower Planning, Recruitment, Sources of manpower, Selection process, Method of Testing, Methods of Training & Development, Payment of Wages

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	13/09/2023	6. Leadership and Motivation a) Leadership • Definition and Need/Importance • Qualities and functions of a leader
	19/09/2023	• Manager Vs Leader • Style of Leadership (Autocratic, Democratic, Participative)
		b) Motivation • Definition and characteristics • Importance of motivation
	26/09/2023	• Factors affecting motivation • Theories of motivation (Maslow)
	27/09/2023	• Methods of Improving Motivation • Importance of Communication in Business
	03/10/2023	• Types and Barriers of Communication
	04/10/2023	7. Work Culture, TQM & Safety • Human relationship and Performance in Organization
	10/10/2023	• Relations with Peers, Superiors and Subordinates
	11/10/2023	• TQM concepts: Quality Policy, Quality Management, Quality system
	17/10/2023	• Accidents and Safety, Cause, preventive measures,
	18/10/2023	General Safety Rules , Personal Protection Equipment(PPE)
	31/10/2023	8. Intellectual Property Rights(IPR),
	02/11/2023	Patent
	07/11/2023	Trade marks
	08/11/2023	Copyrights
	14/11/2023	b) Features of Factories Act 1948 with Amendment (only salient points)
	15/11/2023	c) Features of Payment of Wages Act 1936 (only salient points)
	21/11/2023	9. Smart Technology • Concept of IOT, How IOT works

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22/11/2023	• Components of IOT,
28/11/2023	Characteristics of IOT, Categories of IOT
	• Applications of IOT- Smart Cities, Smart Transportation,
29/11/2023	Smart Homes, Smart Healthcare, Smart Industry,
	Smart Agriculture, Smart Energy Management etc.

pragfulla kumar
Signature of Faculty

HOD, AE&I

Academic Coordinator

Principal