

LESSON PLAN OF 5TH SEMESTER(2019-22) CIVIL ENGINEERING

Discipline :-CIVIL	Semester:- 5 th	Name of the Teaching Faculty:- Mrs. SIKHYA BISWAL
Subject:- Th1. ENTREPRENEURSHIP and MANAGEMENT & SMART TECHNOLOGY	No of Days/per Week Class Allotted :- 04	Semester From:- <u>01.09.2020</u> To:- <u>19.03.2021</u> No of Weeks:- 29
Week	Class Day	Theory Topics
1 st	1 st	1. Entrepreneurship Concept /Meaning of Entrepreneurship
	2 nd	Need of Entrepreneurship
	3 rd	Characteristics, Qualities and Types of entrepreneur, Functions
	4 th	Barriers in entrepreneurship
2 nd	1 st	Entrepreneurs vrs. Manager
	2 nd	Forms of Business Ownership
	3 rd	Sole proprietorship
	4 th	partnership forms and others Types of Industries, Concept of Start
3 rd	1 st	-DO-
	2 nd	-DO-
	3 rd	2. Market Survey and Opportunity Identification (Business Planning) 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	-DO-
	3 rd	Assessment of Demand and supply and Potential areas of Growth
	4 th	Identifying Business Opportunity
5 th	1 st	Final Product selection
	2 nd	-DO-
	3 rd	3. Project report Preparation Preliminary project report
	4 th	Detailed project report
6 th	1 st	Techno economic Feasibility
	2 nd	Project Viability
	3 rd	4. Management Principles 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	-DO-
	4 th	5. Functional Areas of Management a) Production management Functions, Activities• Productivity• Quality control• Production Planning and control
8 th	1 st	-DO-
	2 nd	b) Inventory Management Need for Inventory management• Models/Techniques of Inventory management
	3 rd	c) Financial Management Functions of Financial management• Management of Working capital• Costing (only concept)• Break even

		Analysis• Brief idea about Accounting Terminologies: Book Keeping, Journal entry,• Petty Cash book, P&L Accounts, Balance Sheets(only Concepts)
	4 th	d) Marketing Management Concept of Marketing and Marketing Management• Marketing Techniques (only concepts)• Concept of 4P s (Price, Place, Product, Promotion)
9 th	1 st	-DO-
	2 nd	-DO-
	3 rd	e) Human Resource Management Functions of Personnel Management• Manpower Planning, Recruitment, Sources of manpower, Selection process, Method• of Testing, Methods of Training & Development, Payment of Wages
	4 th	-DO-
10 th	1 st	-DO-
	2 nd	6. Leadership and Motivation a) Leadership Definition and Need/Importance
	3 rd	Qualities and functions of a leader• Manager Vs Leader• Style of Leadership (Autocratic, Democratic, Participative)
	4 th	b) Motivation Definition and characteristics• Importance of motivation
11 th	1 st	Factors affecting motivation• Theories of motivation (Maslow)
	2 nd	Methods of Improving Motivation Importance of Communication in Business
	3 rd	Types and Barriers of Communication
	4 th	7. Work Culture, TQM & Safety Human relationship and Performance in Organization
12 th	1 st	Relations with Peers, Superiors and Subordinates
	2 nd	TQM concepts: Quality Policy, Quality Management, Quality system
	3 rd	Accidents and Safety, Cause, preventive measures
	4 th	General Safety Rules , Personal Protection Equipment(PPE)
13 th	1 st	8. Legislation a) Intellectual Property Rights(IPR), Patents, Trademarks, Copyrights
	2 nd	-DO-
	3 rd	b) Features of Factories Act 1948 with Amendment (only salient points)
	4 th	-DO-
14 th	1 st	c) Features of Payment of Wages Act 1936 (only salient points)
	2 nd	-DO-
	3 rd	9. Smart Technology Concept of IOT, How IOT works
	4 th	Components of IOT, Characteristics of IOT, Categories of IOT
15 th	1 st	-DO-
	2 nd	Applications of IOT- Smart Cities, Smart Transportation, Smart Home, Smart Healthcare, Smart Industry, Smart Agriculture, Smart Energy Management etc.
	3 rd	-DO-
	4 th	-DO-
16 th	1 st	Revision class
	2 nd	
	3 rd	
	4 th	
17 th	1 st	Revision class

	2 nd	Revision class
	3 rd	
	4 th	
18 th	1 st	Revision class
	2 nd	
	3 rd	
	4 th	
19 th	1 st	Revision class
	2 nd	
	3 rd	
	4 th	
20 th	1 st	Revision class
	2 nd	
	3 rd	
	4 th	
21 th	1 st	Revision class
	2 nd	
	3 rd	
	4 th	
22 th	1 st	Revision class
	2 nd	
	3 rd	
	4 th	
23 th	1 st	Revision class
	2 nd	
	3 rd	
	4 th	
24 th	1 st	Revision class
	2 nd	
	3 rd	
	4 th	
25 th	1 st	Revision class
	2 nd	
	3 rd	
	4 th	
26 th	1 st	Revision class
	2 nd	
	3 rd	
	4 th	
27 th	1 st	Revision class
	2 nd	
	3 rd	
	4 th	
28 th	1 st	Revision class
	2 nd	
	3 rd	
	4 th	
29 th	1 st	Revision class
	2 nd	

	3 rd	
	4 th	

SIKHYA BISWAL
Signature of the concerned Lecturer

M. G. ...
Signature of the H.O.D

P. ...
Signature of Academic Coordinator

Signature of the Principal
[Handwritten Signature]