

Discipline :- CIVIL ENGG.	Semester:- 5th	Name of the Teaching Faculty:- IPSITA BEHERA
Subject:- Th1. ENTREPRENEURSHIP and MANAGEMENT & SMART TECHNOLOGY	No of Days/per Week Class Allotted :- 5	Semester From Semester From:- 1 st August 2023 To:- 30 th November, 2023 No of Weeks:- 18
Week	Class Day	Theory/ Practical Topics
1st	1st	Entrepreneurship Concept /Meaning of Entrepreneurship
	2nd	Need of Entrepreneurship
	3rd	Characteristics, Qualities and Types of entrepreneur. Functions
	4th	Barriers in entrepreneurship
2nd	1	Entrepreneurs vrs. Manager
	2nd	Forms of Business Ownership: Sole proprietorship, partnership forms and others
	3rd	Types of Industries, Concept of Start-ups
	4th	Entrepreneurial support agencies at National, State, District Level(Sources): DIC, NSIC,OSIC, SIDBI, NABARD, Commercial Banks. KVIC etc.
3rd	1th	Entrepreneurial support agencies at National, State, District Level(Sources): DIC, NSIC,OSIC, SIDBI, NABARD, Commercial Banks. KVIC etc.
	2nd	Technology Business Incubators (TBI) and Science and Technology Entrepreneur Parks
	3rd	Market Survey and Opportunity Identification (Business Planning) Business Planning
	4th	SSI, Ancillary Units,
4th	1st	Tiny Units, Service sector Units
	2nd	Time schedule Plan, Agencies to be contacted for Project Implementation
	3rd	Assessment of Demand and supply and Potential areas of Growth
	4th	Identifying Business Opportunity
5th	1st	Final Product selection
	2nd	Project report Preparation Preliminary project report
	3rd	Detailed project report,
	4th	Techno economic Feasibility
6th	1st	Project Viability
	2nd	Management Principles Definitions of management
	3rd	Principles of management
	4th	Functions of management (planning, organising, staffing, directing and controlling etc.)
	1st	Functions of management (planning, organising, staffing, directing and controlling etc.)
	2nd	Level of Management in an Organisation

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

13th		a) Intellectual Property Rights(IPR)
	2nd	Patents, Trademarks, Copyrights
	3rd	b) Features of Factories Act 1948 with Amendment (only salient points)
	4th	c) Features of Payment of Wages Act 1936 (only salient points)
14th	1st	Smart Technology Concept of IOT, How IOT works
	2nd	Components of IOT, Characteristics of IOT, Categories of IOT
	3rd	Applications of IOT- Smart Cities, Smart Transportation, Smart Home, Smart Healthcare, Smart Industry, Smart Agriculture, Smart Energy Management etc.
	4th	Applications of IOT- Smart Cities, Smart Transportation, Smart Home, Smart Healthcare, Smart Industry, Smart Agriculture, Smart Energy Management etc.
15th	1 st	PREVIOUS YEAR QUESTIONS PRACTICE
	2 nd	PREVIOUS YEAR QUESTIONS PRACTICE
	3 rd	PREVIOUS YEAR QUESTIONS PRACTICE
	4 th	PREVIOUS YEAR QUESTIONS PRACTICE
16th	1 st	PREVIOUS YEAR QUESTIONS PRACTICE
	2 nd	PREVIOUS YEAR QUESTIONS PRACTICE
	3 rd	PREVIOUS YEAR QUESTIONS PRACTICE
	4 th	PREVIOUS YEAR QUESTIONS PRACTICE
17th	1 st	PREVIOUS YEAR QUESTIONS PRACTICE
	2 nd	PREVIOUS YEAR QUESTIONS PRACTICE
	3 rd	PREVIOUS YEAR QUESTIONS PRACTICE
	4 th	PREVIOUS YEAR QUESTIONS PRACTICE
18th	1 st	PREVIOUS YEAR QUESTIONS PRACTICE
	2 nd	PREVIOUS YEAR QUESTIONS PRACTICE
	3 rd	PREVIOUS YEAR QUESTIONS PRACTICE
	4 th	PREVIOUS YEAR QUESTIONS PRACTICE

Spita
 Spita Behar,
 Lect. in English.