



UTKAL INSTITUTE OF ENGINEERING & TECHNOLOGY

DISCIPLINE: All Branch	SEMESTER: 5th Sem	NAME OF THE TEACHING FACULTY: ER.KALAKAR MOHANTY		
SUBJECT: ENTREPRENEURSHIP and MANAGEMENT & SMART TECHNOLOGY	No of Days/Per week class allotted: 4 Class P/W(60)	Semester From Date: 15/09/2022 To Date:22/12/2022 No. Of Weeks: 15		
WEEK	CLASS DAY	THEORY TOPICS	REMARKS	
1 st	1 st	Introduction :Concept /Meaning of Entrepreneurship	Date	Dean/Principal
	2 nd			
	3 rd	Characteristics, Qualities and Types of entrepreneur, Functions		
	4 th	Entrepreneurs vrs. Manager,Forms of Business Ownership: Sole proprietorship, partnership forms and others		
2 nd	1 st	Types of Industries, Concept of Start-ups ,Entrepreneurial support agencies at National, State, District Level(Sources): DIC		
	2 nd	Technology Business Incubators (TBI) and Science and Technology Entrepreneur Parks		
	3 rd	Business Planning , SSI, Ancillary Units, Tiny Units, Service sector Units		
	4 th	Time schedule Plan, Agencies to be contacted for Project Implementation , Assessment of Demand and supply and Potential areas of Growth		
	1 st	Identifying Business Opportunity & Final Product selection		

3 rd	2 nd	Preliminary project report ,Detailed project report, Techno economic Feasibility , Project Viability		
	3 rd	Assignment on Business Planning		
	4 th	Definitions of management , Principles of management ,Functions of management (planning, organising, staffing, directing and controlling etc.)		
4 th	1 st	Level of management in an organisation		
	2 nd	a) Production Management :- Functions, Activities Productivity		
	3 rd	Quality control , Production Planning and control		
	4 th	b) Inventory Management:-Need for Inventory management ,Models/Techniques of Inventory management		
5 th	1 st	c) Financial Management :- Functions of Financial management , Management of Working capital ,Costing (only concept)		
	2 nd	Break even Analysis , Brief idea about Accounting Terminologies: Book Keeping, Journal entry, Petty Cash book, P&L Accounts, Balance Sheets(only Concepts)		
	3 rd	Doubt Clear Class on Financial management		
	4 th	d) Marketing Management:- Concept of Marketing and Marketing Management ,Marketing Techniques (only concepts) ,Concept of 4P s (Price, Place, Product, Promotion)		
	1 st	e) Human Resource Management , Functions of Personnel Management		

6 th	2 nd	Manpower Planning, Recruitment, Sources of manpower, Selection process, Method of Testing, Methods of Training & Development, Payment of Wages		
	3 rd	a) Leadership :- Definition and Need/Importance , Qualities and functions of a leader		
	4 th	Manager Vs Leader		
7 th	1 st	Style of Leadership (Autocratic, Democratic, Participative)		
	2 nd	b) Motivation :- Definition and characteristics		
	3 rd	Importance of motivation		
	4 th	Factors affecting motivation		
8 th	1 st	Theories of motivation (Maslow)		
	2 nd	Methods of Improving Motivation		
	3 rd	Assignment		
	4 th	Importance of Communication in Business		
9 th	1 st	Types and barriers of communication		
	2 nd	Human relationship and Performance in Organization		
	3 rd	Relations with Peers, Superiors and Subordinates		
	4 th	TQM concepts: Quality Policy, Quality Management, Quality system		
10 th	1 st	Doubt Clear Class on Human Relationship		
	2 nd	Assignment		
	3 rd	Accidents and Safety, Cause, preventive measures, General Safety Rules , Personal Protection Equipment(PPE)		
	4 th	Intellectual Property Rights(IPR), Patents, Trademarks, Copyrights		
	1 st	Features of Factories Act 1948 with Amendment (only salient points)		

11 th	2 nd	Features of Payment of Wages Act 1936 (only salient points)		
	3 rd	Doubt clear class on Motivation		
	4 th	Assignment		
12 th	1 st	Revision of last Class about Features of Payment of Wages		
	2 nd	Concept of IOT, How IOT works		
	3 rd	Doubt Clear Class and Assignment Question Discussion Class		
	4 th	Components of IOT, Characteristics of IOT, Categories of IOT		
13 th	1 st	Revision of Last Class		
	2 nd	Applications of IOT- Smart Cities		
	3 rd	Smart Transportation		
	4 th	Smart Home		
14 th	1 st	Assignment		
	2 nd	Smart Healthcare		
	3 rd	Smart Industry		
	4 th	Smart Agriculture		
15 th	1 st	Smart Energy Management etc.		
	2 nd	Smart Technology		
	3 rd	Discussion about Last Class		
	4 th	Revision		

Tejaswini Das

HOD

Chittaranjan Parida

DEAN



PRINCIPAL