

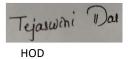
## UTKAL INSTITUTE OF ENGINEERING & TECHNOLOGY

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

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		Preliminary project report ,Detailed project report, Techno	
	2 <sup>nd</sup>	economic Feasibility , Project	
		Viability	
3 <sup>rd</sup>	3 <sup>rd</sup>	Assignment on Business Planning	
		Definitions of management ,	
	4 <sup>th</sup>	Principles of management ,Functions of management	
		(planning, organising, staffing,	
		directing and controlling etc.)	
	1 <sup>st</sup>	Level of management in an organisation a) Froduction intranagement	
	2 <sup>nd</sup>	Functions, Activities	
4 <sup>th</sup>	3 <sup>rd</sup>	Quality control	
		, Production Planning and control	
	4 <sup>th</sup>	b) Inventory Managemen:-Need for Inventory management	
		,Models/Techniques of Inventory	
		management c) Financial Management :-	
	1 <sup>st</sup>	Functions of Financial	
		management , Management of Working capital ,Costing (only	
		concept)	
		Break even Analysis , Brief idea	
5 <sup>th</sup>	2 <sup>nd</sup>	about Accounting Terminologies:	
		Book Keeping, Journal entry, Petty Cash book, P&L Accounts, Balance	
		Sheets(only Concepts)	
	3 <sup>rd</sup>	Doubt Clear Class on Financial	
		management	_
	4 <sup>th</sup>	d) Marketing Management:-	
		Concept of Marketing and Marketing Management	
		,Marketing Techniques (only	
		concepts) ,Concept of 4P s (Price, Place,	
		Product, Promotion)	
		e) Human Resource Management	
	$1^{st}$	, Functions of Personnel Management	
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$6^{ m th}$	2 <sup>nd</sup>	Manpower Planning, Recruitment, Sources of manpower, Selection process, Method of Testing, Methods of Training & Development, Payment of Wages	
	3 <sup>rd</sup>	a) Leadership :- Definition and Need/Importance , Qualities and functions of a leader	
	4 <sup>th</sup>	Manager Vs Leader	
7 <sup>th</sup>	1 <sup>st</sup>	Style of Leadership (Autocratic, Democratic, Participative)	
	2 <sup>nd</sup>	b) Motivation :- Definition and characteristics	
	3 <sup>rd</sup>	Importance of motivation	
	4 <sup>th</sup>	Factors affecting motivation	
$8^{\rm th}$	1 <sup>st</sup>	Theories of motivation (Maslow)	
	2 <sup>nd</sup>	Methods of Improving Motivation	
	3 <sup>rd</sup>	Assignment	
	$4^{\rm th}$	Importance of Communication in Business	
	1 <sup>st</sup>	Types and barries of communication	
	$2^{nd}$	Human relationship and Performance in Organization	
9 <sup>th</sup>	3 <sup>rd</sup>	Relations with Peers, Superiors and Subordinates	
	$4^{\mathrm{th}}$	TQM concepts: Quality Policy, Quality Management, Quality system	
	1 <sup>st</sup>	Doubt Clear Class on Human Relationship	
	2 <sup>nd</sup>	Assignment	
$10^{ m th}$	3 <sup>rd</sup>	Accidents and Safety, Cause, preventive measures, General Safety Rules , Personal Protection Equipment(PPE)	
	$4^{th}$	Intellectual Property Rights(IPR), Patents, Trademarks, Copyrights	
	1 <sup>st</sup>	Features of Factories Act 1948 with Amendment (only salient points)	

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



Chittanaijan Perid

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PRINCIPAL