

<b>Discipline</b> : Mechanical Engineering	<b>Semester</b> : 5TH	<b>Name of the faculty</b> : MANASWINI KAR
<b>Subject</b> : Entrepreneurship , Management and Smart Technology ( TH – 1 )	<b>No. of days /per week class allotted:</b> 4 p / w	<b>Academic Session</b> – 15.09.22 TO 22.12.22
<b>WEEK</b>	<b>PERIOD</b>	<b>TOPIC</b>
1 <sup>st</sup>	1 <sup>st</sup>	Introduction
	2 <sup>nd</sup>	Detailed Concept and Meaning of Entrepreneurship
	3 <sup>rd</sup>	Need of Entrepreneurship
	4 <sup>th</sup>	Characteristics, Qualities and Types of entrepreneur, Functions
2 <sup>nd</sup>	1 <sup>st</sup>	Barriers in entrepreneurship
	2 <sup>nd</sup>	Entrepreneurs vrs. Manager
	3 <sup>rd</sup>	Forms of Business Ownership: Sole proprietorship, partnership forms and others.
	4 <sup>th</sup>	Types of Industries, Concept of Start-ups
3 <sup>rd</sup>	1 <sup>st</sup>	Entrepreneurial support agencies at National, State, District Level( sources): DIC, NSIC,OSIC, SIDBI, NABARD, Commercial Banks, KVIC etc.
	2 <sup>nd</sup>	Entrepreneurial support agencies at National, State, District Level( sources): DIC, NSIC,OSIC, SIDBI, NABARD, Commercial Banks, KVIC etc.
	3 <sup>rd</sup>	Technology Business Incubators (TBI) and Science and Technology Entrepreneur Parks
	4 <sup>th</sup>	Business Planning
4 <sup>th</sup>	1 <sup>st</sup>	SSI, Ancillary Units, Tiny Units, Service sector Units
	2 <sup>nd</sup>	Time schedule Plan
	3 <sup>rd</sup>	Agencies to be contacted for Project Implementation
	4 <sup>th</sup>	Assessment of Demand and supply
5 <sup>th</sup>	1 <sup>st</sup>	Potential areas of Growth
	2 <sup>nd</sup>	Identifying Business Opportunity

	3 <sup>rd</sup>	Final Product selection
	4 <sup>th</sup>	Preliminary project report
6 <sup>th</sup>	1 <sup>st</sup>	Detailed project report, Techno economic Feasibility
	2 <sup>nd</sup>	Project Viability
	3 <sup>rd</sup>	Definitions of management, Principles of management
	4 <sup>th</sup>	Functions of management (planning, organising, staffing, directing and controlling etc.)
7 <sup>th</sup>	1 <sup>st</sup>	Functions of management (planning, organising, staffing, directing and controlling etc.)
	2 <sup>nd</sup>	Level of Management in an Organisation
	3 <sup>rd</sup>	Level of Management in an Organisation
	4 <sup>th</sup>	Production management : Functions , activities
8 <sup>th</sup>	1 <sup>st</sup>	Production management : productivity, quality control
	2 <sup>nd</sup>	Inventory Management : Need for inventory management
	3 <sup>rd</sup>	Inventory Management : techniques for inventory management
	4 <sup>th</sup>	Financial Management : functions , management of working capital.
9 <sup>th</sup>	1 <sup>st</sup>	Financial Management : break even analysis , costing
	2 <sup>nd</sup>	Marketing Management : concept , marketing techniques.
	3 <sup>rd</sup>	Marketing Management : 4 Ps of marketing.
	4 <sup>th</sup>	Human Resource Management : Function of personel management.
10 <sup>th</sup>	1 <sup>st</sup>	Human Resource Management : Manpower planning , recruitment , payment of wages.
	2 <sup>nd</sup>	Leadership : definition and importance.
	3 <sup>rd</sup>	Leadership : qualities and functions of leader.
	4 <sup>th</sup>	Leadership : style of leadership , manager vs. leader
11 <sup>th</sup>	1 <sup>st</sup>	Motivation : definition , characteristics , importance.

	2 <sup>nd</sup>	Motivation : factors affecting motivation , maslow theory.
	3 <sup>rd</sup>	Motivation : methods of improving motivation.
	4 <sup>th</sup>	Human relationship and Performance in Organization
12 <sup>th</sup>	1 <sup>st</sup>	Relations with Peers, Superiors and Subordinates
	2 <sup>nd</sup>	TQM concepts: Quality Policy
	3 <sup>rd</sup>	Quality Management, Quality system
	4 <sup>th</sup>	Accidents and Safety, Cause, preventive measures
13 <sup>th</sup>	1 <sup>st</sup>	General Safety Rules , Personal Protection Equipment(PPE)
	2 <sup>nd</sup>	Intellectual Property Rights(IPR),
	3 <sup>rd</sup>	Patents
	4 <sup>th</sup>	Trademarks,
15 <sup>th</sup>	1 <sup>st</sup>	Copyrights
	2 <sup>nd</sup>	Features of Factories Act 1948 with Amendment (only salient points)
	3 <sup>rd</sup>	Features of Payment of Wages Act 1936 (only salient points)
	4 <sup>th</sup>	Concept of IOT

  
 SIGNATURE OF HOD

  
 CONCERNED FACULTY