

Discipline: <b>CE,EE&amp;ME</b>	Semester: 5 <sup>th</sup>	Name of the Teaching Faculty: <b>RADHA KRUSHNA MALLICK</b>	To Date: <b>30.11.2023</b>
Subject-- <b>ENTREPRENEURSHIP and MANAGEMENT &amp; SMART TECHNOLOGY</b>	No. of Days/per week class allotted: 04	Semester From Date: <b>01-08-2023</b> No. of Weeks : <b>15</b>	
<b>Week</b>	<b>Class Day</b>	<b>Theory Topics</b>	
1 <sup>st</sup>	01	Concept /Meaning of Entrepreneurship	
	02	Need of Entrepreneurship, Characteristics, Qualities and Types of entrepreneur with functions	
	03	Barriers in entrepreneurship	
	04	Entrepreneurs vrs. Manager	
2 <sup>nd</sup>	01	Forms of Business Ownership: Sole proprietorship, partnership forms and other	
	02	Types of Industries, Concept of Start-ups.	
	03	Entrepreneurial support agencies at National, State, District Level( Sources): DIC, NSIC,OSIC, SIDBI, NABARD, Commercial Banks, KVIC	
	04	Technology Business Incubators (TBI) and Science and Technology Entrepreneur Parks	
3 <sup>rd</sup>	01	Market Survey and Opportunity Identification (Business Planning)	
	02	SSI, Ancillary Units, Tiny Units, Service sector Units	
	03	Time schedule Plan, Agencies to be contacted for Project Implementation	
	04	Assessment of Demand and supply and Potential areas of Growth	
4 <sup>th</sup>	01	Identifying Business Opportunity & Final Product selection	
	02	Preliminary project report preparation	
	03	Detailed project report, Techno economic Feasibility & Project Viability	
	04	Definitions of management & Principles of management	
5 <sup>th</sup>	01	Functions of management (planning, organising, staffing, directing and controlling	
	02	Level of Management in an Organisation	
	03	Production management Functions & Activities	
	04	Productivity Quality control, Production Planning and control	
6 <sup>th</sup>	01	Need for Inventory management	
	02	Models/Techniques of Inventory management	
	03	Functions of Financial management and Management of Working capital	
	04	Break even Analysis	
7 <sup>th</sup>	01	Brief idea about Accounting Terminologies: Book Keeping,	

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		Journal entry, Petty Cash book, P&L Accounts, Balance Sheets(only Concepts)
	02	Concept of Marketing and Marketing Management
	03	Concept of 4P s (Price, Place, Product, Promotion)
	04	Human Resource Management and Functions of Personnel Management
8 <sup>th</sup>	01	Manpower Planning, Recruitment, Sources of manpower, Selection process and Method of Testing
	02	Leadership Definition and Need/Importance
	03	Qualities and functions of a leader Manager Vs Leader
	04	Style of Leadership (Autocratic, Democratic, Participative)
9 <sup>th</sup>	01	Definition and characteristics of Motivation
	02	Importance of motivation and Factors affecting motivation
	03	Theories of motivation (Maslow) and Methods of Improving Motivation
	04	Importance of Communication in Business Types and Barriers of Communication
10 <sup>th</sup>	01	Introduction to Work Culture, TQM & Safety
	02	Relations with Peers, Superiors and Subordinates
	03	TQM concepts: Quality Policy, Quality Management, Quality system
	04	Accidents and Safety, Cause, preventive measures, General Safety Rules, Personal Protection Equipment(PPE)
11 <sup>th</sup>	01	Human relationship and Performance in Organization
	02	Methods of Training & Development in human resource Management
	03	Payment of Wages in human resource management
	04	Introduction to Legislation
12 <sup>th</sup>	01	a) Intellectual Property Rights(IPR), Patents, Trademarks, Copyrights of Legislation
	02	Features of Factories Act 1948 with Amendment (only salient points)
	03	Features of Payment of Wages Act 1936 (only salient points)
	04	Doubt clearance and Revision
13 <sup>th</sup>	01	Introduction to Smart Technology
	02	Concept of IOT(Internet of Thing)
	03	How IOT works
	04	Components of IOT
14 <sup>th</sup>	01	Characteristics of IOT
	02	Categories of IOT
	03	Applications of IOT- Smart Cities and Smart Transportation
	04	Applications of IOT -Smart Home, Smart Healthcare and Smart Industry
15 <sup>th</sup>	01	Applications of IOT -Smart Agriculture and Smart Energy Management

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	02	Doubt clearance and Revision	
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