

THI

Discipline : MECHANICAL ENGG.	Semester : 5 TH	Name of the Teaching Faculty: ABINASH MISHRA
Subject: Entrepreneurship and Management and Smart Technology	No. of days/per week class allotted: 04	Semester From date: 18/02/24 To Date: 24/12/24 No. of Weeks: 15 Session : 2024-25
Week	Class Day	Topics to be covered
1 ST	1 ST	Introduction
	2 ND	Detailed concept and meaning of entrepreneurship
	3 RD	Need of entrepreneurship
	4 TH	Characteristics, qualities and types of entrepreneur and functions
2 ND	1 ST	Barriers in entrepreneurship
	2 ND	Entrepreneur versus managers
	3 RD	Forms of business ownership : sole proprietorship, partnership forms and others
	4 TH	Types of industries , concept of start-ups
3 RD	1 ST	Entrepreneurial support agencies at National , State and District level (sources)
	2 ND	DIC , NSIC , OSIC , SIDBI , NABARD, Commercial Banks, KVIC etc.
	3 RD	Technology Business Incubators (TBI) , Science and Technology Entrepreneurial Parks
	4 TH	Business Planning
4 TH	1 ST	SSI , Ancillary units, Tiny Units , Service sector units
	2 ND	Time schedule plan
	3 RD	Agencies to be contacted for project implementation
	4 TH	Assessment of demand and supply
5 TH	1 ST	Potential areas of growth
	2 ND	Identifying business opportunity
	3 RD	Final product selection
	4 TH	Preliminary project report
6 TH	1 ST	Detailed project report , Techno economic feasibility
	2 ND	Project viability
	3 RD	Definition and principles of management
	4 TH	Functions of management (planning, organizing, staffing, directing and controlling etc.)
7 TH	1 ST	Functions of management (planning, organizing, staffing, directing and controlling etc.) ctd.
	2 ND	Level of management in an organization.
	3 RD	Level of management in an organization ctd.
	4 TH	Production management : functions and activities
8 TH	1 ST	Production management : productivity , quality control
	2 ND	Inventory management : Need for inventory management
	3 RD	Inventory management : Techniques for inventory management
	4 TH	Financial management : functions , management of working capital
9 TH	1 ST	Financial management : break-even analysis and costing
	2 ND	Financial management : break-even analysis and costing ctd.

	3 RD	Marketing management : concept, marketing techniques
	4 TH	Marketing management : 4P's of marketing
10 TH	1 ST	Human Resource management : Function of personnel management
	2 ND	Human Resource management : Manpower planning , recruitment , payment of wages
	3 RD	Leadership : definition and its importance
	4 TH	Leadership : qualities and functions of leaders, style of leadership , managers versus leaders
11 TH	1 ST	Motivation : definition , characteristics and its importance
	2 ND	Motivation : factors affecting motivation, Maslow's theory of motivation
	3 RD	Motivation : methods of improving motivation
	4 TH	Human relationship and performance in organization
12 TH	1 ST	Relations with peers, superiors and sub-ordinates
	2 ND	Total Quality Management concepts: Quality policy
	3 RD	Quality management , quality system
	4 TH	Accidents and safety , cause and preventive measures
13 TH	1 ST	General safety rules : Personal protective equipment (PPE)
	2 ND	Intellectual Property Rights (IPR)
	3 RD	Patents
	4 TH	Trademarks
14 TH	1 ST	Copyrights
	2 ND	Features of Factories Act 1948 with amendment (only salient points)
	3 RD	Features of Factories Act 1948 with amendment (only salient points) ctd.
	4 TH	Features of Payment of Wages Act 1936 : only salient points
15 TH	1 ST	Features of Payment of Wages Act 1936 : only salient points ctd.
	2 ND	Concept of IOT
	3 RD	Revision of EMST chapters.
	4 TH	Previous years questions discussion

Anish S
16/8/24

Teaching Faculty

JAD

HOD (Mechanical Engg.)