

Discipline:- Electrical Engineering	Semester:- 5th	Name of the teaching faculty:-
Subject:- Entrepreneurship And Management & ST	No. of days/ per week class allotted:-4	Semester from:-
Week	Class day	Theory
1st	1st	1.2. Barriers in entrepreneurship <ul style="list-style-type: none"> • Entrepreneurs vrs. Manager • Forms of Business Ownership: Sole proprietorship, partnership forms and others
	2 nd	1.3. Types of Industries, Concept of Start-ups
	3 rd	1.4. NSIC,OSIC, SIDBI, NABARD, Commercial Banks, KVIC etc.
	4 th	1.4. Difference between Management & Administration
2 nd	1 st	1.5. Technology Business Incubators (TBI) and Science and Technology Entrepreneur Park
	2 nd	2. Market Survey and Opportunity Identification (Business Planning) 2.1. Business Planning <ul style="list-style-type: none"> • SSI, Ancillary Units, Tiny Units, Service sector Units
	3 rd	2.2. Qualities of an Entrepreneur
	4 th	2.3. Identifying Business Opportunity
3 rd	1 st	2.4. Final Product selection
	2 nd	3.2 Detailed project report, Techno economic Feasibility
	3 rd	3.2. Project Viability
	4 th	4. Management Principles 4.1. Definitions of management
4 th	1 st	4.2. Principles of management
	2 nd	4.3. Functions of management (planning, organising, staffing, directing and controlling etc.) <ul style="list-style-type: none"> • Level of Management in an Organisation
	3 rd	5. : Functional Areas of Management 5.1. Production management

		<ul style="list-style-type: none"> • Functions, Activities • Productivity • Quality control • Production Planning and control
	4 th	5.1. Inventory Management <ul style="list-style-type: none"> • Need for Inventory management • Models/Techniques of Inventory management • Need for Inventory management • Models/Techniques of Inventory management
5 th	1 st	5.2. Financial Management <ul style="list-style-type: none"> • Functions of Financial management • Management of Working capital • Costing (only concept) • Break even Analysis
	2 nd	5.2. Marketing Management <ul style="list-style-type: none"> • Concept of Marketing and Marketing Management • Marketing Techniques (only concepts) • Concept of 4P s (Price, Place, Product, Promotion) e) Human Resource Management <ul style="list-style-type: none"> • Functions of Personnel Management • Manpower Planning, Recruitment, Sources of manpower, Selection process, Method of Testing, Methods of Training & Development, Payment of Wages
	1 st	6. Leadership and Motivation
	2 nd	6.1. Leadership <ul style="list-style-type: none"> • Definition and Need/Importance • Qualities and functions of a leader
	3 rd	6.2. Manager Vs Leader <ul style="list-style-type: none"> • Style of Leadership (Autocratic, Democratic, Participative)
	4 th	6.2. Motivation <ul style="list-style-type: none"> • Definition and characteristics • Importance of motivation • Factors affecting motivation • Theories of motivation (Maslow) • Methods of Improving Motivation • Importance of Communication in Business • Types and Barriers of Communication
		7. Work Culture, TQM & Safety
	6 th	7.2 Relations with Peers, Superiors and Subordinates <ul style="list-style-type: none"> • TQM concepts: Quality Policy, Quality Management, Quality system
	7 th	7.3. Accidents and Safety, Cause, preventive measures, General Safety

		Rules , Personal Protection Equipment(PPE
	4 th	8. Legislation
	2 nd	8.1Intellectual Property Rights(IPR), Patents, Trademarks, Copyrights
	3 rd	8.2. Features of Factories Act 1948 with Amendment (only salient points)
	4 th	8.3Features of Payment of Wages Act 1936 (only salient points)
	2 nd	9. Smart Technology
	3 rd	9.1. Concept of IOT, How IOT works
	4 th	9.2 Components of IOT, Characteristics of IOT, Categories of IOT
	2 nd	9.3Applications of IOT- Smart Cities, Smart Transportation, Smart Home, Smart Healthcare, Smart Industry, Smart Agriculture, Smart Energy Management etc.
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Teaching Faculty

H.O.D E.E

Academic Coordinator