

Lesson Plan of EM&ST

Discipline:- Electrical	Semester:- 5th	Name Of The Teaching Faculty:- T.SOREN & SOURABH NANDA
Subject:- EM&ST	No Of Days Per week Class Allotted:-4	No Of Weeks:-17 DATE-01-07-2024 TO 16-12-2024
No. of week	No. of class	Topic to be taught
1 st	1	Concept /Meaning of Entrepreneurship
	2	Need of Entrepreneurship
	3	Characteristics, Qualities and Types of entrepreneur, Functions
	4	Barriers in entrepreneurship
2 nd	5	Entrepreneurs, vrs. Manager
	6	Forms of Business Ownership: Sole proprietorship, partnership forms and others
	7	Types of Industries, Concept of Start-ups
	8	Entrepreneurial support agencies at National, State, District Level(Sources): DIC, NSIC, OSIC, SIDBI, NABARD.
3 rd	9	Commercial Banks, KVIC etc.
	10	Technology Business Incubators (TBI) and Science and
	11	Technology Entrepreneur Parks
	12	Business Planning
4 th	13	SSI, Ancillary Units, Tiny Units, Service sector Units
	14	Time schedule, Plan, Agencies to be contacted for Project Implementation
	15	Assessment of Demand and supply and Potential areas of Growth
	16	Identifying Business Opportunity
5 th	17	Final Product selection
	18	Preliminary project report
	19	Detailed project report, Techno economic Feasibility
	20	Project Viability
6 th	21	Definitions of management
	22	Principles of management
	23	Functions of management (planning, organising, staffing, directing and controlling etc.)
	24	Level of Management in an Organisation
7 th	25	Production management <ul style="list-style-type: none"> o Functions, Activities o Productivity o Quality control o □ Production Planning and control
	26	b) Inventory Management <ul style="list-style-type: none"> o Need for Inventory management

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		<ul style="list-style-type: none"> Models/Techniques of Inventory management
	27	c) Financial Management <ul style="list-style-type: none"> Functions of Financial management Management of Working capital Costing (only concept) Break even Analysis
	28	<ul style="list-style-type: none"> Brief idea about Accounting Terminologies: Book Keeping, Journal entry, Petty Cash book, P&L Accounts, Balance Sheets(only Concepts)
8 th	29	Concept of Marketing and Marketing Management Marketing Techniques (only concepts) Concept of 4P s (Price, Place, Product, Promotion)
	30	Functions of Personnel Management
	31	Manpower Planning, Recruitment, Sources of manpower, Selection process, Method of Testing, Methods of Training & Development, Payment of Wages
	32	Definition and Need/Importance of leader Qualities and functions of a leader Manager Vs Leader Style of Leadership (Autocratic, Democratic, Participative)
9 th	33	Definition and characteristics Importance of motivation
	34	Factors affecting motivation
	35	Theories of motivation (Maslow)
10 th	36	Methods of Improving Motivation Importance of Communication in Business Types and Barriers of Communication
	37	Human relationship and Performance in Organization
	38	Relations with Peers, Superiors and Subordinates
	39	TQM concepts: Quality Policy, Quality Management, Quality system
11 th	40	Accidents and Safety, Cause, preventive measures, General Safety Rules Personal Protection Equipment(PPE)
	41	Intellectual Property Rights(IPR), Patents, Trademarks, Copyrights
	42	Features of Factories Act 1948 with Amendment (only salient points)
	43	Features of Payment of Wages Act 1936 (only salient points)
12 th	44	Smart Technology Concept of IOT, How IOT works
	45	Categories of IOT Applications of IOT
	46	Components of IOT,

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	47	Smart Cities
	48	Characteristics of IOT,
13 th	49	Smart Transportation
	50	CLASS TEST
	51	Smart Home
	52	Smart Healthcare
14 th	53	Smart Industry
	54	Smart Agriculture
	55	Smart Energy Management
	56	REVISION
15 th	57	CLASS TEST
	58	REVISION
	59	CLASS TEST
	60	CLASS TEST

09/02/2014

Teaching Faculty

H.O.D E.E. 01/03/2024