

GOVERNMENT POLYTECHNIC, BARGARH
Department Of Electrical Engineering

Semester: 5th
 Subject: EM&ST
 Branch: Electrical Engineering

Session: 2022-23(WINTER)
 No of Period :60 (4L/week)
 Name of Faculty: Rashmita Gouda

Period	Date	Topics to be covered
1	15.9.2022	Chapter-1: Concept /Meaning of Entrepreneurship, Need of Entrepreneurship
2	16.9.2022	Characteristics, Qualities of entrepreneur
3	19.9.2022	Types of entrepreneurs, Functions
4	21.9.2022	Barriers in entrepreneurship
5	22.9.2022	Entrepreneurs vrs. Manager
6	23.9.2022	Forms of Business Ownership: Sole proprietorship, partnership forms and others
7	24.9.2022 4.00-5.00 p.m. (Extra class)	Types of Industries,
8	26.9.2022	Concept of Start-ups
9	28.9.2022	Entrepreneurial support agencies at National, State, District Level (Sources): DIC, NSIC, OSIC, SIDBI, NABARD, Commercial Banks, KVIC etc.
10	29.9.2022	Technology Business Incubators (TBI) and Science and Technology Entrepreneur Parks
11	30.9.2022	Revision of Chapter-1
12	01.10.2022 4.00-5.00 p.m. (Extra class)	Chapter-2: Business Planning
13	10.10.2022	SSI, Ancillary Units, Tiny Units, Service sector Units
14	12.10.2022	Time schedule Plan,
15	13.10.2022	Agencies to be contacted for Project Implementation
16	14.10.2022	Assessment of Demand and supply and Potential areas of Growth
17	17.10.2022	Identifying Business Opportunity
18	19.10.2022	Final Product selection
19	20.10.2022	Revision of Chapter-2
20	21.10.2022	Chapter-3: Preliminary project report
21	26.10.2022	Detailed project report
22	27.10.2022	Techno economic Feasibility
23	28.10.2022	Project Viability
24	31.10.2022	Chapter-4: Definitions of management
25	02.11.2022	Principles of management
26	03.11.2022	Functions of management (planning, organizing, staffing, directing and controlling etc.)
27	04.11.2022	Level of Management in an Organization
28	07.11.2022	Chapter-5: Production management Functions, Activities, Productivity, Quality control
29	09.11.2022	Production Planning and control

30	10.11.2022	Inventory Management Need for Inventory management,
31	11.11.2022	Models/Techniques of Inventory management
32	14.11.2022	Financial Management Functions of Financial management,
33	15.11.2022 5.00-6.00 p.m. (Extra class)	Management of Working capital, Costing (only concept), Break even Analysis.
34	16.11.2022	Brief idea about Accounting Terminologies: Book Keeping, Journal entry, Petty Cash book, P&L Accounts, Balance Sheets (only Concepts)
35	17.11.2022	Marketing Management Concept of Marketing and Marketing Management
36	18.11.2022	Marketing Techniques (only concepts), Concept of 4P s (Price, Place, Product, Promotion)
37	21.11.2022	Human Resource Management, Functions of Personnel Management, Manpower Planning, Recruitment, Sources of manpower.
38	22.11.2022 5.00-6.00 p.m. (Extra class)	Selection process, Method of Testing, Methods of Training & Development, Payment of Wages
39	23.11.2022	Chapter-6: Leadership Definition and Need/Importance, Qualities and functions of a leader
40	24.11.2022	Leadership Manager Vs Leader • Style of Leadership (Autocratic, Democratic, Participative)
41	25.11.2022	Motivation Definition and characteristics, Importance of motivation
42	28.11.2022	Factors affecting motivation, Theories of motivation (Maslow
43	29.11.2022 5.00-6.00 p.m. (Extra class)	Methods of Improving Motivation, Importance of Communication in Business
44	30.11.2022	Types and Barriers of Communication
45	01.12.2022	Chapter-7: Human relationship and Performance in Organization
46	02.12.2022	Relations with Peers, Superiors and Subordinates
47	05.12.2022	TQM concepts: Quality Policy, Quality Management, Quality system
48	06.12.2022 5.00-6.00 p.m. (Extra class)	Accidents and Safety, Cause, preventive measures,
49	07.12.2022	General Safety Rules , Personal Protection Equipment(PPE)
50	08.12.2022	Chapter-8: Intellectual Property Rights(IPR), Patents, Trademarks, Copyrights
51	09.12.2022	Features of Factories Act 1948 with Amendment (only salient points)
52	12.12.2022	Features of Payment of Wages Act 1936 (only salient points)
53	13.12.2022 5.00-6.00 p.m. (Extra class)	Chapter-9: Concept of IOT, How IOT works
54	14.12.2022	Components of IOT, Characteristics of IOT, Categories of IOT

55	15.12.2022	Applications of IOT- Smart Cities, Smart Transportation, Smart Home
56	16.12.2022	Smart Healthcare, Smart Industry, Smart Agriculture, Smart Energy Management etc.
57	19.12.2022	REVISION CHAPTER 1 & 2
58	20.12.2022 5.00-6.00 p.m. (Extra class)	REVISION CHAPTER 3 & 4
59	21.12.2022	REVISION CHAPTER 5 & 6.
60	22.12.2022	REVISION CHAPTER 7, 8 & 9.

Signature of Faculty

Signature of HOD