

# GOVERNMENT POLYTECHNIC, SAMBALPUR (RENGALI)

NAME OF THE FACULTY: DEBASHISH MEHER

(PTGF), Civil Engineering

LESSON PLAN OF EMST FOR 5TH SEM ,CIVIL ENGG,WINTER-2023 W.E.F. 01.08.2023

WEEK NO.	DATE	TOPIC	PERIODS ASSIGNED PER TOPIC	PERIODS AVAILABLE PER WEEK
W-1	01.08.23 TO 05.08.23	1. Concept /Meaning of Entrepreneurship Need of Entrepreneurship Characteristics Qualities and Types of entrepreneur, Functions Barriers in entrepreneurship Entrepreneurs vs. Manager Forms of Business Ownership: Sole proprietorship, partnership forms and others Types of Industries, Concept of Start-ups Entrepreneurial support agencies at National, State, District Level(Sources): DIC, NSIC,OSIC, SIDBI,	10	4+1 EC
W-2	07.08.23 TO 12.08.23	NABARD, Commercial Banks, KVIC etc Technology Business Incubators (TBI) and Science and Technology Entrepreneur Parks	PERIODS ASSIGNED PER TOPIC	PERIODS AVAILABLE PER WEEK 4+ 1 EC
W-3	14.08.23 TO 19.08.23	2. Business Planning SSI, Ancillary Units, Tiny Units, Service sector Units Time schedule Plan, Agencies to be contacted for Project	10	4
W-4	21.08.23 TO 26.08.23	Implementation Assessment of Demand and supply and Potential areas of Growth Identifying Business Opportunity,Final Product selection	10	4
W-5	28.08.23 TO 02.09.23	Revision class of Unit-2 3. Preliminary Project report, Deatiled project report, Techno Economical Feasibility, Project Viability	17	4
W-6	04.09.23 TO 09.09.23	4. Definitions of management , Principles of management Functions of management (planning, organizing, staffing, directing and controllng etc.) Level of Management in an Organization.		4+ 1EC



W-7	11.09.23 TO 16.09.23	5. Production management Functions, Activities , concept of Productivity Meaning of Quality control, steps in Production Planning and control Inventory Management	8	3
W-8	18.09.23 TO 23.09.23	Need for Inventory management , Models/Techniques of Inventory management Revision and doubt clearing of Unit Financial Management Functions of Financial management , Management of Working capital Costing (only concept)		3
W-9	25.09.23 TO 30.09.23	Break even Analysis Brief idea about Accounting Terminologies: Book Keeping, Journal entry, Petty Cash book, P&L Accounts, Balance Sheets(only Concepts)		2 3
W-10	03.10.23 TO 07.10.23	Human Resource Management Concept of Human Resource Management. Functions of Personnel Management Manpower Planning, Recruitment, Sources of manpower, Selection process Method of Testing, Methods of Training & Development, Payment of Wages Revision of Unit- 5	8	3 3 2
W-11	09.10.23 TO 14.10.23	6. Introduction about Leadership & Management, Leadership Definition and Need/Importance Qualities and functions of a leader Manager Vs Leader Style of Leadership (Autocratic, Democratic, Participative)		2
		6 (B) Motivation Definition and characteristics Importance of motivation Factors affecting motivation Theories of motivation (Maslow) Methods of Improving Motivation		2



W-12	16.10.23 TO 20.10.23	7. Human relationship and Performance in Organization Relations with Peers, Superiors and Subordinates TQM concepts: Quality Policy, Quality Management, Quality system Revision of Unit -7	5	3
W-13	30.10.23 TO 04.11.23	8. Legislation a) Intellectual Property Rights(IPR), Patents, Trademarks, Copyrights Features of Factories Act 1948 with Amendment (only salient points)	6	3
W-14	06.11.23 TO 11.11.23	Features of Payment of Wages Act 1936 (only salient points) Revision and Doubt Clearing class of Unit-8.		3
W-15	13.11.23 TO 18.11.23	9. Smart Technology Concept of IOT, How IOT works Components of IOT, Characteristics of IOT, Categories of IOT	6	3
W-16	20.11.23 TO 25.11.23	Applications of IOT- Smart Cities, Smart Transportation. Applications of IOT- Smart Home, Smart Healthcare, Smart Industry.		3
W-17	28.11.23 TO 30.11.23	REVISION & PREVIOUS YEAR QUESTION DISCUSSION	-	-

SIGNATURE OF SUBJECT TEACHER  
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