

GOVT. POLYTECHNIC, SAMBALPUR (RENGALI) DEPARTMENT OF CIVIL ENGINEERING

NAME OF THE FACULTY: Miss. PIKNY SAHU (PTGF, CIVIL ENGG.)

LESSON PLAN FOR EMST FOR 5TH SEM ,CIVIL ENGG,WINTER-2022 W.E.F.15.09.2022

WEEK NO.	DATE	TOPIC	PERIODS ASSIGNED PER TOPIC	PERIODS AVAILABLE PER WEEK
W-1	15.09.22 TO 17.09.22	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, NABARD, Commercial Banks, KVIC etc Technology Business Incubators (TBI) and Science and Technology Entrepreneur Parks	10	5
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W-2	19.09.22 TO 23.09.22	2. Business Planning SSI, Ancillary Units, Tiny Units, Service sector Units Time schedule Plan, Agencies to be contacted for Project Implementation Assessment of Demand and supply and Potential areas of Growth Identifying Business Opportunity,Final Product selection Revision class of Unit-2 4. Definitions of management , Principles of management Functions of management (planning, organizing, staffing, directing and controlling etc.) Level of Management in an Organization.	8	5
W-3	26.09.22 TO 01.10.22	Revision and doubt clearing of Unit 4 5. Production management Functions, Activities , concept of Productivity Meaning of Quality control, steps in Production Planning and		3

W-4	10.10.22 TO 15.10.22	control Inventory Management 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)	4	
W-5	17.10.22 TO 22.10.22	Break even Analysis Brief idea about Accounting Terminologies: Book Keeping, Journal entry, Petty Cash book, P&L Accounts, Balance Sheets(only Concepts)		2
W-6	25.10.22 TO 29.10.22	Revision and doubt clearing of Unit 5 Marketing Management Concept of Marketing and Marketing Management, Marketing		2
W-7	31.10.22 TO 05.11.22	Human Resource Management Concept of Human Resource Management. Functions of Personnel Management Manpower Planning, Recruitment, Sources of manpower, Selection process	5	3
W-8	07.11.22 TO 12.11.22	Method of Testing, Methods of Training & Development, Payment of Wages Revision of Unit- 5 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
		7. Motivation Definition and characteristics Importance of motivation Factors affecting motivation Theories of motivation (Maslow) Methods of Improving Motivation		2

W-9	14.11.22 TO 19.11.22	Revision on motivation lesson Work Culture, TQM & Safety Human relationship and Performance in Organization Relations with Peers, Superiors and Subordinates TQM concepts: Quality Policy, Quality Management, Quality system Revision of Unit -7	10	3
W-10	21.11.22 TO 26.11.22	8. Legislation a) Intellectual Property Rights(IPR), Patents, Trademarks, Copyrights Features of Factories Act 1948 with Amendment (only salient points) Features of Payment of Wages Act 1936 (only salient points) Revision and Doubt Clearing class of Unit-8.		3
W-11	28.11.22 TO 03.12.22	9. Smart Technology Concept of IOT, How IOT works		2
W-12	05.12.22 TO 10.12.22	Components of IOT, Characteristics of IOT, Categories of IOT Applications of IOT- Smart Cities, Smart Transportation. Applications of IOT- Smart Home, Smart Healthcare, Smart Industry.	6	3
W-13	12.12.22 TO 17.12.22	Applications of IOT-, Smart Agriculture, Smart Energy Management etc. Revision And Doubt Clearing class on Unit-9. CLASS TEST	5	3
W-14	19.12.22 TO 22.12.22	Revision And Doubt Clearing class PREVIOUS YEAR QUESTION DISCUSSION Answer discussion of class test and showing of answer script to students for reference POSSIBLE QUESTION DISCUSSION	6	3
W-15	23.12.22 Onwards	REVISION & PREVIOUS YEAR QUESTION DISCUSSION	-	-

Dahu
28/09/2022
Signature of Concerned Faculty

Exls
14/09/22
C/S of HOD/Sr. Lect. (t/c)