

GOVERNMENT POLYTECHNIC, SAMBALPUR (RENGALI)
 NAME OF THE FACULTY: Miss. Pinky Sahu (PTGF), Civil Engineering

LESSON PLAN FOR EMST FOR 5TH SEM ,CIVIL ENGG,WINTER-2021 W.E.F.01.10.2021

WEEK NO	DATE	TOPIC	PERIODS ASSIGNED PER TOPIC	PERIODS AVAILABLE PER WEEK
W-1	01.10.21 TO 02.10.21	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
				5
W-2	04.10.21 TO 09.10.21	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	8	5
		4. Definitions of management , Principles of management Functions of management (planning, organizing, staffing, directing and controlling etc.) Level of Management in an Organization.		
W-3	21.10.21 TO 23.10.21	Revision and doubt clearing of Unit 4 5. Production management Functions, Activities , concept of Productivity Meaning of Quality control, steps in Production Planning and control Inventory Management		3
W-4	25.10.21 TO 30.10.21	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) Break even Analysis Brief idea about Accounting Terminologies: Book Keeping, Journal entry, Petty Cash book, P&L Accounts, Balance Sheets(only Concepts)	4	

	01.11.21 TO 06.11.21	Revision and doubt clearing of Unit 5 Marketing Management Concept of Marketing and Marketing Management, Marketing Techniques (only concepts)		2
W-6	08.11.21 TO 13.11.21	Concept of 4P's (Price, Place, Product, Promotion) Revision and doubt clearing of Unit 5-(c)		2
W-7	15.11.21 TO 20.11.21	Human Resource Management Concept of Human Resource Management. Functions of Personnel Management Manpower Planning, Recruitment, Sources of manpower, Selection		3
W-8	22.11.21 TO 27.11.21	process Method of Testing, Methods of Training & Development, Payment of Wages Revision of Unit- 5	5	2
		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	29.11.21 TO 04.12.21	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	06.12.21 TO 11.12.21	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)		3
		Revision and Doubt Clearing class of Unit-8.		2
W-11	13.12.21 TO 18.12.21	9. Smart Technology Concept of IOT, How IOT works	6	3
		Components of IOT, Characteristics of IOT, Categories of IOT		3

	20.12.21 TO 25.12.21	Applications of IOT- Smart Cities, Smart Transportation. Applications of IOT- Smart Home, Smart Healthcare, Smart Industry.	5	3
W-13	20.12.21 TO 25.12.21	Applications of IOT-, Smart Agriculture, Smart Energy Management etc. Revision And Doubt Clearing class on Unit-9. CLASS TEST	6	2 3
W-14	27.12.21 TO 01.01.22	Revision And Doubt Clearing class YEAR QUESTION DISCUSSION discussion of class test and showing of answer script to students for reference POSSIBLE QUESTION DISCUSSION	6	3 5+1EC
W-15	03.01.22 TO 08.01.22 & Onwards	REVISION & PREVIOUS YEAR QUESTION DISCUSSION	-	-


30/09/21
Signature of Concerned Faculty


30/09/21
C/S Signature of Senior Lect./ HOD