

**LESSION PLAN FOR EMST FOR 5TH SEM ,CIVIL ENGG,WINTER-2024**
**W.E.F.**
**01.07.2024**
**Faculty Name-Chittaranjan Sahoo**

| WEEK NO. | TOPIC  | PERIODS ASSIGNED PER TOPIC | PERIODS AVAILABLE PER WEEK |
|----------|--|----------------------------|----------------------------|
| W-1      | 1. Concept /Meaning of Entrepreneurship<br>Need of Entrepreneurship<br>Characteristics Qualities and Types of entrepreneur, Functions<br>Barriers in entrepreneurship<br>Entrepreneurs vs. Manager Forms of Business Ownership: Sole proprietorship, partnership forms   | 10                         | 4                          |
| W-2      | and others Types of Industries, Concept of Start-ups<br>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<br>Entrepreneur Parks<br>Revision class of Unit-1  |                            | 4                          |
| W-3      | 2. Business Planning<br>SSI, Ancillary Units, Tiny Units, Service sector Units<br>Time schedule Plan, Agencies to be contacted for Project Implementation<br>Assessment of Demand and supply and Potential areas of Growth<br>Identifying Business Opportunity,Final Product selection<br>Revision class of Unit-2 |                            | 4                          |
| W-4      | 3. Project report Preparation<br>Preliminary project report<br>Detailed project report, Techno economic Feasibility<br>Project Viability<br>Revision class of Unit-2   | 8                          | 4                          |
| W-5      |  |                            | 4                          |
| W-6      |  |                            | 4                          |
| W-7      | 4. Management Principles<br>Definitions of management<br>Principles of management<br>Functions of management (planning, organising, staffing, directing and controlling etc.)<br>Level of Management in an Organisation<br>Revision and doubt clearing of Unit 4   | 5                          | 4                          |



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| W-8  | <p><b>5. Production management</b><br/>           Functions, Activities , concept of Productivity<br/>           Meaning of Quality control, steps in Production Planning and control<br/>           Inventory Management<br/>           Need for Inventory management , Models/Techniques of Inventory management<br/>           Revision and doubt clearing of Unit<br/>           Financial Management<br/>           Functions of Financial management , Management of Working capital</p>  |    | 4 |
| W-9  | <p>Costing (only concept)<br/>           Break even Analysis<br/>           Brief idea about Accounting Terminologies: Book Keeping, Journal entry, Petty Cash book, P&amp;L Accounts, Balance Sheets(only Concepts)<br/>           Revision and doubt clearing of Unit 5</p>   | 10 | 4 |
| W-10 | <p>Marketing Management<br/>           Concept of Marketing and Marketing Management, Marketing Techniques (only concepts)<br/>           Concept of 4P s (Price, Place, Product, Promotion)<br/>           Human Resource Management<br/>           Concept of Human Resource Management.<br/>           Functions of Personnel Management Manpower Planning, Recruitment, Sources of manpower, Selection process<br/>           Method of Testing, Methods of Training &amp; Development, Payment of Wages<br/>           Revision of Unit- 5</p> |    | 4 |
| W-11 | <p><b>6. Introduction about Leadership &amp; Motivation</b><br/>           Leadership:<br/>           Definition and Need/Importance<br/>           Qualities and functions of a leader<br/>           Manager Vs Leader<br/>           Style of Leadership (Autocratic, Democratic, Participative)<br/>           Motivation:</p>  | 6  | 4 |
| W-12 | <p>Definition and characteristics<br/>           Importance of motivation<br/>           Factors affecting motivation<br/>           Theories of motivation (Maslow)<br/>           Methods of Improving Motivation<br/>           Importance of Communication in Business<br/>           Types and Barriers of Communication<br/>           Revision and Doubt Clearing class of Unit-7.</p>   |    | 4 |
|      | <p><b>7. Work Culture, TQM &amp; Safety</b><br/>           Human relationship and Performance in Organization<br/>           Relations with Peers, Superiors and Subordinates<br/>           TQM concepts: Quality Policy, Quality Management, Quality system<br/>           Accidents and Safety, Cause, preventive measures,</p>  | 5  |   |



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| W-13 | General Safety Rules , Personal Protection Equipment(PPE)<br>Revision and Doubt Clearing class of Unit-7.  |   | 4 |
| W-14 | 8. Legislation<br>a) Intellectual Property Rights(IPR), Patents, Trademarks,<br>Copyrights<br>Features of Factories Act 1948 with Amendment (only salient<br>points)<br>Features of Payment of Wages Act 1936 (only salient points)<br>Revision and Doubt Clearing class of Unit-8.  | 6 | 4 |
| W-15 | 9. Smart Technology<br>Concept of IOT, How IOT works<br>Components of IOT, Characteristics of IOT, Categories of IOT<br>Applications of IOT- Smart Cities, Smart Transportation, Smart<br>Home, Smart Healthcare, Smart Industry, Smart Agriculture,<br>Smart Energy Management etc.<br>Revision and Doubt Clearing class of Unit-8. | 6 | 4 |
|      | <b>REVISION &amp; PREVIOUS YEAR QUESTION DISCUSSION</b>  | — | — |

*CPS*  
18/08/24  
Faculty Signature

*Sahoo*  
18/08/24  
HOD  
Department of Civil Engg.