

## LESSONPLAN

| Discipline:<br>Electrical<br>Engg. | Semester:5 <sup>th</sup><br>(Session-2024-2025) | Name of the Teaching Faculty: N . C BEHERA ,<br>Sr. Lect. ( Electrical )                            | STATUS |
|------------------------------------|---|---|--------|
| Subject: EMST                      | No.Of Days/Week<br>Class Allotted = 4           | Semester :From Date 01.07.2024 To Date: 08.11.2024<br>No. of Weeks: 15                              |        |
| Week                               | Class Day                                       | Theory/ Practical Topics  |        |
| 1st                                | 1st   | Concept /Meaning of Entrepreneurship and Need of Entrepreneurship                                   |        |
|                                    | 2nd   | Characteristics, Qualities and Types of entrepreneurs   |        |
|                                    | 3rd   | Functions and Barriers in.entrepreneurship  |        |
|                                    | 4th   | Entrepreneurs 'vs Manager<br>Forms of Business Ownership: Sole proprietorship, Partnership forms    |        |
| 2nd                                | 1st   | Cooperative society ,joint Hindu family business  |        |
|                                    | 2nd   | Joint stock company types of Industries, Concept of Start-ups                                       |        |
|                                    | 3rd   | Entrepreneurial support agencies at National, State ,District Level (Sources): DIC, NSIC,OSIC,SIDBI |        |
|                                    | 4th   | NABARD ,Commercial Banks, KVIC  |        |
| 3rd                                | 1st   | <b>Questions answer discussion</b>  |        |
|                                    | 2nd   | Technology Business Incubators (TBI) and Science and Technology Entrepreneur Parks                  |        |
|                                    | 3rd   | Business Planning, SSI ,Ancillary Units, Tiny Units   |        |
|                                    | 4th   | Time schedule Plan, Agencies to be contacted for Project Implementation                             |        |
| 4th                                | 1st   | Assessment of Demand and supply, Potential areas of Growth  |        |
|                                    | 2nd   | Identifying Business Opportunity  |        |
|                                    | 3rd   | Final Product selection   |        |
|                                    | 4th   | <b>Quiz test</b>  |        |
| 5th                                | 1st   | Preliminary project report  |        |
|                                    | 2nd   | Detailed project report   |        |
|                                    | 3rd   | Techno economic Feasibility   |        |
|                                    | 4th   | Project Viability   |        |
| 6th                                | 1st   | Definitions of management and Principles of management  |        |
|                                    | 2nd   | Functions of management :planning, organizing   |        |
|                                    | 3rd   | Staffing, directing and controlling   |        |
|                                    | 4th   | Level of Management in an Organization  |        |
| 7th                                | 1st   | <b>Questions answer discussion</b>  |        |
|                                    | 2nd   | Production management: Functions, Activities and Productivity                                       |        |
|                                    | 3rd   | Quality control ,Production Planning and control  |        |
|                                    | 4th   | Inventory Management: Need for Inventory management   |        |
| 8th                                | 1st   | Models/Techniques of Inventory management   |        |
|                                    | 2nd   | Financial Management: Functions of Financial management, management of Working capital              |        |

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|      | 4th | Brief idea about Accounting Terminologies: Book Keeping, Journal entry, Petty Cashbook                            |  |
| 9th  | 1st | P&L Accounts, Balance Sheets (only Concepts)  |  |
|      | 2nd | Marketing Management: Concept of Marketing and Marketing Management   |  |
|      | 3rd | Marketing Techniques (only concepts) Concept of 4P s (Price, Place, Product, Promotion)                           |  |
|      | 4th | Human Resource Management: Functions of Personnel Management, Manpower Planning, Recruitment, Sources of manpower |  |
| 10th | 1st | Selection process, Method of Testing, Methods of Training & Development, Payment of Wages                         |  |
|      | 2nd | <b>Question answer discussion</b>   |  |
|      | 3rd | <b>Quiz test</b>  |  |
|      | 4th | Leadership: Definition and Need/Importance qualities of a leader  |  |
| 11th | 1st | Leadership: qualities of a leader   |  |
|      | 2nd | Functions of a leader and Manager Vs Leader   |  |
|      | 3rd | Style of Leadership (Autocratic, Democratic, Participative)   |  |
|      | 4th | Motivation: Definition and characteristics and Importance of motivation   |  |
| 12th | 1st | Factors affecting motivation and Theories of motivation (Maslow)  |  |
|      | 2nd | Methods of Improving Motivation, Importance of Communication in Business, Types and Barriers of Communication     |  |
|      | 3rd | Work Culture, TQM & Safety: Human relationship and Performance in Organization                                    |  |
|      | 4th | Relations with Peers Superiors and Subordinates   |  |
| 13th | 1st | TQM concepts: Quality Policy, Quality Management  |  |
|      | 2nd | Quality system, Accident and Safety, Causes of accident   |  |
|      | 3rd | Preventive measures, General Safety Rules, Personal Protection Equipment (PPE)                                    |  |
|      | 4th | Legislation: Intellectual Property Rights (IPR), Patents, Trade marks and copyrights                              |  |
| 14th | 1st | Features of Factories Act 1948 with Amendment (only salient points)   |  |
|      | 2nd | Features of Payment of Wages Act 1936 (only salient points)   |  |
|      | 3rd | Smart Technology: Concept of IOT, How IOT works   |  |
|      | 4th | Components of IOT, Characteristics of IOT, Categories of IOT  |  |
| 15th | 1st | Applications of IOT: Smart Cities, Smart Transportation, Smart Home, Smart Healthcare                             |  |
|      | 2nd | Smart Energy Management etc.  |  |
|      | 3rd | <b>Quiz test</b>  |  |
|      | 4th | <b>Possible questions discussion</b>  |  |

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