Govt. Polytechnic Chhapar

ElectricalEngineeringDepartment

Lesson Plan

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| **Name of the Faculty** | | | **Mrs. Mukesh** |
| **Discipline** | | | **Electrical Engineering** |
| **Semester** | | | **3rd** |
| **Subject** | | | **EEDD-I** |
| **Lesson Plan Duration** | | | **15/09/2022 to 16/01/2023** |
| **Work Load (Theory/Practical) per week /3hours** | | | **(Theory00/Practical06)(Group1+group2)** |
| **Week** | **Day** | **Practical** | |
| **1st** | **1** | **Unit 1 : Introduction Symbols and Signs Conventions** | |
| **2** | **Drawing sheet1: Various Electrical Symbols used in Domestic and Industrial Installation**  **and Power System** | |
| **2nd** | **1** | **Unit2: Wiring diagram introduction , Drawing sheet2 :Wiring Diagram of light** | |
| **2** | **Drawing sheet: Wiring Diagram of fan** | |
| **3rd** | **1** | **Drawing sheet: Wiring Diagram bell and alarm circuits** | |
| **2** | **Drawing sheet: Wiring Diagram Staircase** | |
| **4th** | **1** | **Drawing sheet: Wiring Diagram go down wiring** | |
| **2** | **Checking and correction in Drawing sheet** | |
| **5th** | **1** | **Unit 3: Introduction Panels/Distribution Boards** | |
| **2** | **TwoDrawingsheet:panels/DistributionboardusingMCBandElCBandchangeover**  **switches for domestic installation** | |
| **6th** | **1** | **Drawing sheet: industrial and commercial installation** | |
| **2** | **Checking and correction in Drawing sheet** | |
| **7th** | **1** | **Unit4: Introduction to orthographic projections of Simple Electrical Parts** | |
| **2** | **Drawing sheet of Bus bar post/ Kit Kat** | |
| **8th** | **1** | **Drawing sheet of Pin type and shackle type insulator (Pin Type 11kV/66kV)** | |
| **2** | **Checking and correction in Drawing sheet** | |
| **9th** | **1** | **Drawing sheet of Bobbins of a small transformer / choke** | |
| **2** | **Drawing sheet of Stay insulators/Suspension type insulators** | |
| **10th** | **1** | **Checking and correction in Drawing sheet** | |
| **2** | **Drawing sheet of Rotor of a squirrel cage induction motor** | |
| **11th** | **1** | **DrawingsheetofMotorbody(inductionmotor)asperISSpecifications(usingoutside**  **dimensions)** | |
| **2** | **Checking and correction in Drawing sheet** | |
| **12th** | **1** | **Drawing sheet of Slip rings of 3-phase induction Motor** | |
| **2** | **Drawing sheet of Stator of 3 phase Induction motor (Sectional View)** | |
| **13th** | **1** | **Checking and correction in Drawing sheet** | |
| **2** | **Unit 5: Introduction to AutoCAD Drawing sheet1 Prepare wiring diagram and block**  **diagrams for circuits/systems using any Engineering Graphic package (preferably CAD)** | |
| **14th** | **1** | **Checking and correction in Drawing sheet** | |
| **2** | **Checking and correction in Drawing sheet** | |
| **15th** | **1** | **Revision/checking** | |
| **2** | **Revision/checking** | |
| **16th** | **1** | **Quiz/Checking and correction in Drawing sheet** | |
| **2** | **Viva-voice and Internal Practical** | |