|  |  |  |
| --- | --- | --- |
| Discipline-**ELECTRICAL ENGINEERING** | Semester-**4TH** | Name of the teacher – **BISWAJIT MISHRA** |
| Subject-**MECHANICAL** **WORK SHOP PRACTICE** | No. of days/week class allotted - **6** | Semester from date **02.01.2019** to date**15.04.2019**No. of weeks - **15** |
| **Week** | **Class Day** | **Theory/Practical Topics** |
| 1st | 1st | Safety precautions used in work shop |
|  | 2nd | 1. Carpentry |
| 2nd | 1st | 1.1 Name of carpentry tools and uses |
|  | 2nd | 1.2 Different operations sawing, planning, chiseling |
| 3rd | 1st | 1.3 Measurement and Marking, Different types of timbers used by carpenters |
|  | 2nd | 1.5 Jobs (a) Slot Notch |
| 4th | 1st | Practice |
|  | 2nd | Practice |
| 5th | 1st | Practice |
|  | 2nd | (b) Mortise and tenon joint |
| 6th | 1st | Practice |
|  | 2nd | Practice |
| 7th | 1st | Practice |
|  | 2nd | (c) Single dovetail joint |
| 8th | 1st | Practice |
|  | 2nd | Practice |
| 9th | 1st | Practice |
|  | 2nd | 2. Turning |
| 10th | 1st | Introduction to Lathes and their accessories |
|  | 2nd | Plane turning |
| 11th | 1st | Practice |
|  | 2nd | Step turning |
| 12th | 1st | Practice |
|  | 2nd | Tapper turning |
| 13th | 1st | Practice |
|  | 2nd | Knurling |
| 14th | 1st | Practice |
|  | 2nd | External V Threading |
| 15th | 1st | Practice |
|  | 2nd | Practice |