**LESSON PLAN**

**Name of Faculty: BIJENDER KUMAR**

**Discipline: WORKSHOP**

**Semester: V**

**Subject: WORKSHOP PRACTICE 3 (MACHINE SHOP)**

**Lesson plan Duration: 15 WEEKS**

**Work Load (Lecture/Practical) per week: 27 PRACTICALS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| WEEK | THEORY | | PRACTICAL | |
|  | LECTURE DAY | TOPIC | PRACTICAL DAY | TOPIC |
| 1 | NA | | 1(GROUP2) | To produce a rectangular block by facing on a slotting machine |
| 2(GROUP2) | To produce a rectangular block by facing on a slotting machine |
|  |  |
| 2 | NA | | 1(GROUP2) | To produce a rectangular block by facing on a slotting machine |
| 2(GROUP2) | To produce a rectangular block by facing on a slotting machine |
|  |  |
| 3 | NA | | 1(GROUP1) | To produce a rectangular slot on one face with a slotting cutter |
| 2 (GROUP1) | To produce a rectangular slot on one face with a slotting cutter |
|  |  |
| 4 | NA | | 1 (GROUP1) | To produce a rectangular slot on one face with a slotting cutter |
| 2 (GROUP1) | To produce a rectangular slot on one face with a slotting cutter |
|  |  |
| 5 | NA | | 1(GROUP2) | Produce a rectangular block using a milling machine with a side and face cutter |
| 2(GROUP2) | Produce a rectangular block using a milling machine with a side and face cutter |
|  |  |
| 6 | NA | | 1(GROUP2) | Produce a rectangular block using a milling machine with a side and face cutter |
| 2(GROUP2) | Produce a rectangular block using a milling machine with a side and face cutter |
|  |  |
| 7 | NA | | 1(GROUP1) | Prepare a slot on one face using milling machine |
| 2 (GROUP1) | Prepare a slot on one face using milling machine |
|  |  |
| 8 | NA | | 1 (GROUP1) | Job on Grinding machine using a surface grinder |
| 2 (GROUP1) | Job on Grinding machine using a surface grinder |
|  |  |
| 9 | NA | | 1(GROUP2) | Prepare a job on grinding machine |
| 2(GROUP2) | Prepare a job on grinding machine |
|  |  |
| 10 | NA | | 1(GROUP2) | Job on Cylindrical Grinding machine |
| 2(GROUP2) | Job on Cylindrical Grinding machine |
|  |  |
| 11 | NA | | 1(GROUP1) | Job on Cylindrical Grinding machine |
| 2 (GROUP1) | Job on Cylindrical Grinding machine |
|  |  |
| 12 | NA | | 1 (GROUP1) | Exercise on milling machine with the help of form cutter |
| 2 (GROUP1) | Exercise on milling machine with the help of form cutter |
|  |  |
| 13 | NA | | 1(GROUP2) | Exercise on milling machine with the help of form cutter |
| 2(GROUP2) | Exercise on milling machine with the help of form cutter |
|  |  |
| 14 | NA | | 1(GROUP2) | Grinding a drill bit on tool and cutter grinder |
| 2(GROUP2) | Grinding a drill bit on tool and cutter grinder |
|  |  |
| 15 | NA | | 1(GROUP1) | Exercise on dressing a grinding wheel |
| 2 (GROUP1) | Exercise on dressing a grinding wheel |
|  |  |

\*\*The above mentioned lesson plan is of only 1 section and it will be followed in all three sections of 5th semester mechanical engg. and mechanical T&D