# DHABALESWAR INSTITUTE OF POLYTECHNIC
## Academic Lesson Plan for Winter semester- 2021

**Department: Mechanical Engineering**

**Semester: 3rd**                                        **Subject: Workshop-II**

**No. of periods per week: 6**                          **Total Periods: 90**

**End semester exam: 50**                               **Sessional: 50**     **Total Marks: 100**

| Sl. No | Week | Period | Topic to be covered |
|--------|------|--------|---------------------|
| 1 | 1st | 1st | **(Fitting practices)** Preparation of caliper |
| 2 | | 2nd | Do |
| 3 | | 3rd | Do |
| 4 | | 4th | Do |
| 5 | | 5th | Do |
| 6 | | 6th | Do |
| 7 | 2nd | 1st | Do |
| 8 | | 2nd | Do |
| 9 | | 3rd | Preparation of try square |
| 10 | | 4th | Do |
| 11 | | 5th | Do |
| 12 | | 6th | Do |
| 13 | 3rd | 1st | Do |
| 14 | | 2nd | Do |
| 15 | | 3rd | Do |
| 16 | | 4th | Preparation of hammer, square , Hexagonal |
| 17 | | 5th | Do |
| 18 | | 6th | Do |
| 19 | 4th | 1st | Do |
| 20 | | 2nd | Do |
| 21 | | 3rd | Do |
| 22 | | 4th | Do |
| 23 | | 5th | Do |
| 24 | | 6th | Do |
| 25 | 5th | 1st | **(Smithy Practices)** Preparation of door ring with hook |
| 26 | | 2nd | Do |
| 27 | | 3rd | Do |
| 28 | | 4th | Do |
| 29 | | 5th | Do |
| 30 | | 6th | Do |
| 31 | | 1st | Do |
| 32 | | 2nd | Do |
| 33 | 6th | 3rd | Preparation of hexagonal head bolt |
| 34 | | 4th | Do |
| 35 | | 5th | Do |
| 36 | | 6th | Do |
| 37 | 7th | 1st | Do |
| 38 | | 2nd | Do |
| 39 | | 3rd | Do |
| 40 | | 4th | Do |
| 41 | | 5th | Preparation of octagonal flat chisel |
| 42 | | 6th | Do |
| 43 | 8th | 1st | Do |
| 44 | | 2nd | Do |

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| 45 | | 3rd | Do |
| 46 | | 4th | Do |
| 47 | | 5th | Do |
| 48 | | 6th | Do |
| 49 | 9th | 1st | (Carpentry Practices) Cutting of slot, botch, mortise and Tenon Joint |
| 50 | | 2nd | Do |
| 51 | | 3rd | Do |
| 52 | | 4th | Do |
| 53 | | 5th | Do |
| 54 | | 6th | Do |
| 55 | 10th | 1st | Do |
| 56 | | 2nd | Do |
| 57 | | 3rd | Do |
| 58 | | 4th | Preparation of single dove tail joint |
| 59 | | 5th | Do |
| 60 | | 6th | Do |
| 61 | 11th | 1st | Do |
| 62 | | 2nd | Do |
| 63 | | 3rd | Do |
| 64 | | 4th | Do |
| 65 | | 5th | Do |
| 66 | | 6th | (Welding Practice) Lap & Butt Joint using Arc Welding |
| 67 | 12th | 1st | Do |
| 68 | | 2nd | Do |
| 69 | | 3rd | Do |
| 70 | | 4th | Do |
| 71 | | 5th | Do |
| 72 | | 6th | Do |
| 73 | 13th | 1st | Do |
| 74 | | 2nd | Do |
| 75 | | 3rd | Lapo Joint using Gas Welding |
| 76 | | 4th | Do |
| 77 | | 5th | Do |
| 78 | | 6th | Do |
| 79 | 14th | 1st | Do |
| 80 | | 2nd | Do |
| 81 | | 3rd | Do |
| 82 | | 4th | Do |
| 83 | | 5th | Lap Joint using Gas Welding |
| 84 | | 6th | Do |
| 85 | 15th | 1st | Do |
| 86 | | 2nd | Do |
| 87 | | 3rd | Do |
| 88 | | 4th | Do |
| 89 | | 5th | Do |
| 90 | | 6th | Do |

**S MOHAPATRA**

**MECHANICAL DEPARTMENT**