



SAHRDAYA COLLEGE OF ENGINEERING AND TECHNOLOGY

MECHANICAL ENGINEERING WORK SHOP

(Course Code : ESL 120 Part II)

LIST OF EXPERIMENTS

1. T- Lap joint (Carpentry)
2. Cross lap joint (Carpentry)
3. Dovetail joint (Carpentry)
4. Mortise joint (Carpentry)
5. Bench Molding (Foundry)
6. Floor Molding (Foundry)
7. Core making (Foundry)
8. Pattern making (Foundry)
9. Cylindrical shape (Sheet Metal)
10. Conical shape (Sheet Metal)
11. Prismatic shaped job from sheet metal
12. Square joint (Fitting)
13. V – Joint (Fitting)
14. Male & Female fitting (Fitting)
15. Joining of pipes making use of minimum 3 types of pipe joints
16. Square prism (Smithy)
17. Hexagonal headed bolt (Smithy)
18. Hexagonal prism (Smithy)
19. Octagonal prism (Smithy)
20. Making joints using electric arc welding
21. Bead formation in horizontal, vertical & Overhead positions (Welding)

Lab In-charge : Mr.George M K

Lab Assistants : Mr. Aashik P Pankaj

Mr. Antony Jeslin