

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

DEPARTMENT OF MECHANICAL ENGINEERING

BASIC WORK SHOP

Exercises for 18MES103L - Civil and Mechanical Engineering Workshop for the First year 2020 - 2021 (ODD semester)

Sheet Metal Shop:

- 1) Rectangular Tray
- 2) Hopper
- 3) Big Scoop
- 4) Chisel (Smithy)

Welding Shop:

- 1) Butt Joint (Arc welding)
- 2) Lap Joint (Arc welding)
- 3) Butt Joint (Gas welding)
- 4) T - Joint (MIG Welding)
- 5) Butt Joint (TIG Welding)

Fitting Shop:

- 1) Step Fitting
- 2) Drilling & Tapping of plate
- 3) Turning and facing of M.S rod
- 4) Plumbing (G.I fittings)

Carpentry Shop:

- 1) Cross Halving joint
- 2) Dovetail Halving Joint
- 3) Duster
- 4) Molding for Stepped cone pulley

A. THIRUGNANAM

Course coordinator

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HOD/Mech.