

Mechanical Engineering, III-Semester Manufacturing Process lab

List of Experiments:-

1. Study of tools used for various manufacturing processes, study includes application & live Demonstration of hand and machine tools.
2. Hands on Exercise on Pattern Making
3. Performance on Metal Casting of Simple component
4. Performance on Welding of simple work piece (Example Arc and Resistance Welding)
5. Exercise Problems on Welding
6. Exercise problems on Casting
7. Study of forging machine & demonstration of various operations of forging.
8. Study of Hydraulic, Pneumatic presses & demonstration of piercing, slitting, deep drawing Operations on press machine.