PRODUCTION TECHNOLOGY/MANUFACTURING PROCESS LABORATORY

Production technology/Manufacturing Processes involves transformation of raw materials into make products using various manufacturing process like Casting, Forging, Welding, Plastic moulding etc.

Mechanical engineers have to gain knowledge about various conventional and modern manufacturing processes for producing human needed products.

This lab transforms theoretical knowledge into practical knowledge.

The facilities available in the laboratory

- Air Plasma Cutting Machine
- Spot Welding Machine
- TIG Welding Machine
- DC Welding Machine
- CO2 /MIG Welding Machine
- Sand Strength Testing Machine (UTM)
- Permeability meter Machine
- Sand Wood Turning Lathe
- Blanking/Piercing Press:
- Hydraulic Press for deep drawing
- Hydraulic Press for Extrusion
- Fly press for Sheet Metal
- Injection Moulding Machine
- Blow Moulding Machine
- Resistance Furnace
- Simple, compound and progressive die tools for blanking/piercing press.

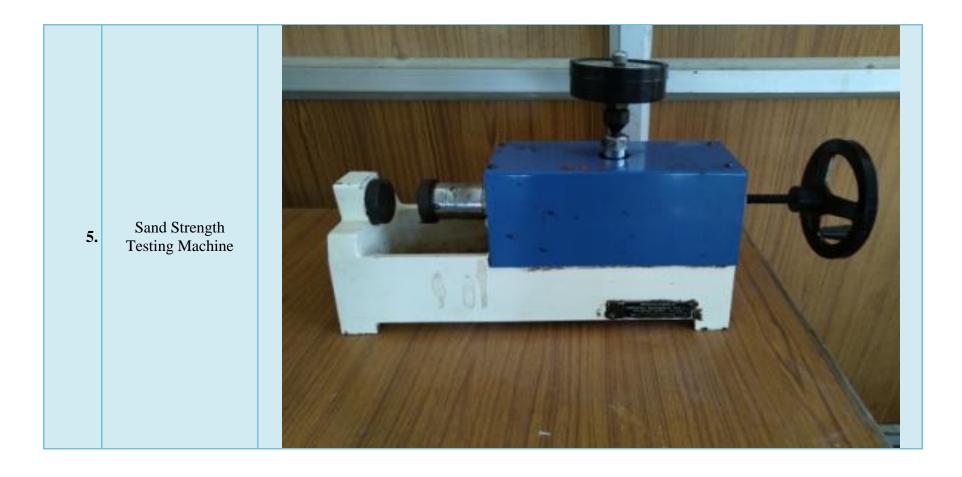
1. Spot Welding Machine.

TIG Welding Machine.

Arc Welding Machine.



4. MIG Welding Machine.



Permeability Meter Machine

Sand Rammer & Attachments for Sand Rammer

8. Sand sieve shaker



9. Wood Turning Lathe



10 Jig Saw

Adjustable Table
Circular Saw

Blanking/Piercing Press 12

Hydraulic Press for deep drawing 13



Hydraulic Press for Extrusion

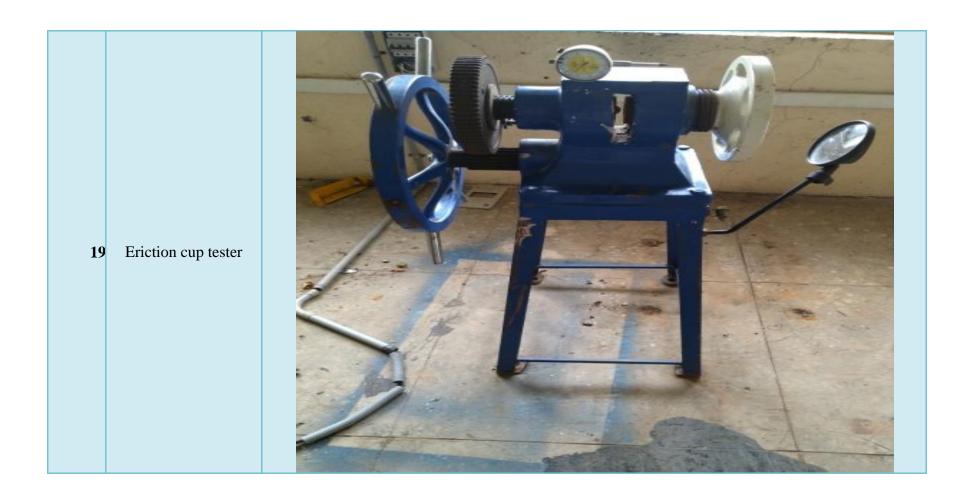
Fly press for Sheet Metal

6 Injection Moulding Machine

16

Blow Moulding Machine

Resistance Furnace



Electronic weighing machine.