



Central Fabrication Facility

MATS University has its own central fabrication facilities under the mechanical engineering department in the form of the workshop. Mechanical engineering workshop is a place where students acquire knowledge on the operation of various processes involved in manufacturing and production. The workshop practice course makes students competent in handling practical work in engineering environment. Mechanical engineering workshop is also involved in different maintenance/ repair works for university in which machine shop is a place where metal parts are cut to the required size and put together to form mechanical units or machines. Fitting shop is a place where fitting or assembling work is carried out. Some repair / maintenance and die punch work is also carried out in fitting shop. In woodwork shop students are trained to work on wooden jobs by using various hand tools and machines. Foundry is one of the manufacturing process by which a desired shape of metal is obtained by heating up to its molten state (liquid state), and pouring into mould cavity. The solidified piece of metal is known as casting.

 A spot welding machine with a black and yellow body, mounted on a metal frame. It has two large copper-colored electrodes and various control knobs and switches on the front panel.	 A portable arc welding machine with a yellow and black body, mounted on a metal frame with wheels. It has a large red power knob and several cables connected to it.
Spot - Welding Machine	Arc - Welding Machine



Horizontal Shaper Machine



Power Hack Saw



Work Bench & Bench vice



Power Hack Saw



Workbench & Bench vice	Lathe Machine
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