

CENTRAL WORKSHOP: MIT CAMPUS: ANNA UNIVERSITY

Central Workshop is one of the pivoting units of the institute which teaches conceptually “how” a product comes to its present form by way of imparting core manufacturing education to all the first-year students of the MIT Campus. It also provides product manufacturing support to the entire institute community in general and undergraduate students in particular. Nearly 750 undergraduate students in their first year acquire hands-on manufacturing skills in the Central Workshop. The Central Workshop not only introduces art and science of manufacturing but infuses confidence to take up product design and manufacturing activities in future.

Central Workshop is also a place where undergraduate students get hands-on experience in different sections such as Welding shop, Carpentry shop, Fitting shop, Press Tools, Machining etc, by doing their job work and carrying out project work as part of curriculum and co-curricular activities.

Unconventional Machining Laboratory houses CNC Wire Cut-EDM, Friction Stir Welding (FSW), Abrasive Water Jet Machine (DST-FIST, 2012), Electro Chemical Machine (DST-SAP, 2012), Ultrasonic Machining, Laser Engraving Machine and Ultrasonic Welding and Machining (UPE, 2019) for catering research work of PG Students and Research Scholars. Under Lab Modernization 2019, 15 numbers of machines were added of worth Rs.81 lakh.

CONVENTIONAL MACHINING LAB



CARPENTRY SECTION



LATHE SECTION



WELDING SECTION



PLANING MACHINE



VERTICAL MILLING MACHINE



HYDRAULIC SURFACE GRINDING MACHINE



SLOTING MACHINE



HYDRAULIC PRESS

UNCONVENTIONAL MACHINING LAB



ABRASIVE WATER JET MACHINE



ELECTRO CHEMICAL MACHINE



CNC WIRE CUT MACHINE



FRICTION STIR WELDING