

O.Plan No.	ME-9
Name of Course	Welding Laboratory Practices
Objectives	Welding is a versatile fabrication process widely used in manufacturing industry. The knowledge of various types of welding techniques and their applications helps a manufacturing technologist select suitable type of welding technique for a given application. The student will acquire and evaluate information pertaining to the use of torches and regulators, flame adjustment, and arc welding on common metals and safe procedures for handling welding equipment. Emphasis is place on student's ability to acquire and apply new knowledge and skills.
Course Contents	<ul style="list-style-type: none"> • Classification of Welding Processes • Weldment terminology / Lap Joints, Butt Joints and Tee Joints • Oxy-Acetylene Flame Cutting / Welding Practice • Alternatives to joining metals / Brazing and Braze Welding • Shielded Metal Arc Welding : Safety, Arc Welding Processes & Power Sources. • Manual arc welding training • Semiautomatic arc welding training • Flame cutting training
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