

Diploma in Welder

Diploma in Welding Technology is a Mechanical Engineering course. The course involves carbon steel, stainless steel, aluminum, etc. among the welding-type which are used are Shielded metal arc welding (SMAW), Gas Metal Arc Welding (GMAW), Gas Tungsten Arc Welding (GTAW), Submerge Arc Welding (SAW), etc. Through this course, the students will learn few things regarding quality assurance and control, inspection and testing, supervision, factory training, etc. the students will be equipped with computer software application skills. The training comprises planning skills, supervising the design, inspection and testing of the welding task to fulfill the quality assurance and safety rules.

Diploma in Welding Technology Syllabus

Syllabus of Welding Technology as prescribed by various Universities and Colleges.

Sem. I	
Sr. No.	Subjects of Study
1	Oaw and Smaw Practices
2	Welding and Cutting Processes
3	Engineering Drawing
4	Technical Mathematics I
5	Foundation English
6	Islamic/Moral Studies
7	Bahasa Kebangsaan A
8	Co-Curriculum I
Sem. II	



केन्द्रीय शैक्षणिक एवम् तांत्रिक माहिती संशोधन समीती

CENTRAL EDUCATION & INFORMATION TECHNOLOGY RESEARCH COMMITTEE

AN AUTONOMOUS INSTITUTION REGD. BY THE GOVT. OF NCT OF DELHI UNDER ITA 1882 GOVT. OF INDIA

REGD. BY NCS-MINISTRY OF LABOUR AND EMPLOYMENT GOVT. OF INDIA

REGD. AT MINISTRY OF MICRO, SMALL AND MEDIUM ENTERPRISES (MSME), GOVT. OF INDIA

An Autonomous Organization works for IT, HRD & Literacy



NCS-REGD. OFFICE
Govt. of India



सत्यमेव जयते

REGD. NO. - S14K8L1040424644087

1	GTAW and GMAW Practices
2	Welding Design and Symbols
3	Material Science
4	Technical Mathematics II
5	French I
6	Communication English I
7	Malaysian Studies
8	Co-Curriculum II
Sem. III	
1	Welding Joint Analysis I
2	Weld Defects and NDT
3	Mathematics for Technologist III
4	Computer Aided Drafting (AutoCAD)
5	Statics and Dynamics
6	Welding Safety
7	Communication English II
8	French II
Sem. IV	
1	Welding Joint Analysis II
2	Welding Procedures and Specification
3	Metallurgy
4	Pressure Vessel and Piping Drawing
5	Welding Management



केन्द्रीय शैक्षणिक एवम् तांत्रिक माहिती संशोधन समीती

CENTRAL EDUCATION & INFORMATION TECHNOLOGY RESEARCH COMMITTEE
AN AUTONOMOUS INSTITUTION REGD. BY THE GOVT. OF NCT OF DELHI UNDER ITA 1882 GOVT. OF INDIA
REGD. BY NCS-MINISTRY OF LABOUR AND EMPLOYMENT GOVT. OF INDIA
REGD. AT MINISTRY OF MICRO, SMALL AND MEDIUM ENTERPRISES (MSME), GOVT. OF INDIA
An Autonomous Organization works for IT, HRD & Literacy



सत्यमेव जयते
REGD. NO. - S14K8L1040424644087

6	Introduction to Entrepreneurship
7	Mandarin I
8	Elective
Sem.V	
1	Welding Inspection and Testing
2	Strength of Material
3	Welding Metallurgy
4	Mandarin II
5	Final Year Project
Sem.VI	
1	Industrial Training

