



# केन्द्रिय 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

## भारत सरकार पंजीकृत. Diploma In Welding Technology

### Description

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.

### Course Content

- Welding and Cutting Processes
- Welding Design and Symbols
- Welding Joint Analysis
- Weld Defects and NDT
- Welding Safety
- Welding Inspection and Testing
- Welding Management

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