

SPECIAL SHORT TERM PROGRAMMES (SSTC)

Resistance welding & its applications

28.08.2017 – 30.08.2017

About the course: These courses are aimed at providing basic information about Resistance welding processes. The theoretical lecture covered will be supplemented with adequate practical demonstration at WRI. This course will be useful for the personnel from all fabrication industries including automobile, power plant and ship building.

Eligibility: Candidates should possess a degree in any branch of engineering or equivalent (or) diploma in engineering with minimum 2 years of industrial experience related to fabrication / quality control.

Last date for Registration: One week prior to start of the course, subject to availability

Course contents-

- Introduction and Types of Resistance welding processes
- Spot welding process, principles and application
- Defect in spot welding – causes, effects and remedies
- Spot welding of Ni and Al alloys
- Testing and Inspection of spot welded components and testing standards
- Seam welding and its application
- Defects in seam welding – causes, effects and remedies
- Projection welding process, principles and its application
- Defects in projection welding – causes, effects and remedies
- Hands on demo in Spot welding process
- Hands on demo in seam welding process
- Hands on demo in projection welding process