



High Skilled Level

This course is designed to provide the necessary basic knowledge of the test methods of checking spray material, parameters, coating material, and basics of robot, powder morphology as well as the operation of the laboratory equipment.

Course Contents

- 1) Preparation of metallographic sample
- 2) Metallurgical evaluations of coating at microscope
- 3) Classification of wires and powders used in thermal spray processes
- 4) Description of gun manipulator
- 5) Brief introduction of automation and basics of robotics
- 6) Versatility of thermal spray as compared to other coating techniques.
- 7) Cost evaluation of thermal spray coatings
- 8) Brief introduction of various thermal spray coating applications in automobile, aerospace, textile and paper industries etc.

Duration: - Two Days