

QIP SPONSERED 6-DAYS SHORT TERM COURSE ON

ADVANCED WELDING TECHNOLOGIES AND FAILURE ANALYSIS

19th September - 24th September, 2020

Through on-line mode

ABOUT THE COURSE

Welding is a fundamental technology in the fabrication of any structures, without which the manufacturing industry cannot operate at the current levels of sophistication. Properties of weld joints, rather than those of the welded materials, often determine the performance of a structure. The future growth of welding depends largely on the adoption of modern welding processes and on developments in the materials used. For future design engineers, it is important to understand the advances in welding of materials to fabricate hybrid structures without distortion in properties. It is also important to understand the mechanical properties of weld joint, failure analysis, corrosion behavior of weld joint and characterization.

Considering above aspects, this course is designed to have interactive lectures delivered by experts on the topics related to current trends in welding technology, failure analysis and characterization.



Topics of discussion will include, but not limited to :

1. Advanced welding techniques and their applications
2. Failure analysis and weld corrosion
3. Advanced characterization
4. Practical training to provide hands on experience on advanced welding techniques

❖ **Faculties and scientists from renowned institutions of India will be invited for discussing on these topics.**

Target Participants

- Interested faculty members with any academic background from institutions recognized by AICTE are eligible to attend the course.

Registration process

- Interested participants need to submit the registration form as per the format attached, through E-mail to: jayaprakash@iiti.ac.in.
- Number of seats are limited. There is no registration fee.
- Online link will be provided for the registered participants.
- Certificate will be issued for all the participants.

COURSE CO-ORDINATOR

Dr. Jayaprakash Murugesan

Assistant Professor, Discipline of Metallurgy Engineering and Materials Science,
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REGISTRATION FORM

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ORGANIZED BY

**Discipline of Metallurgy Engineering & Materials Science,
Indian Institute of Technology Indore
Indore – 453552, India.**



1	Name of the applicant	
2	Name of the college/institution	
3	Designation	
4	Academic Qualification	
5	Address for communication	
6	E- mail	
7	Phone no.	
