

QIP SPONSERED 5-DAYS SHORT TERM COURSE ON

ADVANCED WELDING TECHNOLOGIES AND FAILURE ANALYSIS

16th March - 20th March, 2020

Venue: School Building, Room 309, IIT Indore, INDORE (MP)

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 scanned copy of registration form as per the format attached, through E-mail to jayaprakash@iiti.ac.in . Number of participants limited to 30. There is no registration fee.

Travelling Allowance, Boarding and Lodging

- For all the outstation participants travelling allowance will be provided (III AC train/Bus fare to and fro through shortest route). Boarding & lodging will be provided at IIT Indore free of cost. Local participants are entitled for TA/DA as per AICTE-QIP norms.

COURSE CO-ORDINATOR

Dr. Jayaprakash Murugesan

Assistant Professor, Discipline of Metallurgy Engineering and Materials Science,
Indian Institute of Technology Indore. Indore – 453552.

Email-id: jayaprakash@iiti.ac.in , Mobile: +91-9755611891

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.	
8	Accommodation required at IITI (Yes / No)	

Signature of the applicant with date:

Approval form the Head of the Department / Institute

The above mentioned applicant is permitted to participate in the short term course on “Advanced Welding Technologies and Failure Analysis” organized at IIT Indore.

Signature (with Date and Seal)

It is recommended to submit the completed registration form as per the format mentioned on or before 28 Feb 2020, scanned copy through Email : (jayaprakash@iiti.ac.in).

Number of seats limited to 30 (on first come basis)

Intimation of acceptance will be send with in two days after receiving the registration form.

There is no registration fee.

However, accepted participants need to pay a caution deposit (refundable) of INR 1,000/- for the conformation of registration, through demand draft drawn in favor of Registrar, IIT Indore or through online payment/ bank transfer.

For Online payment/ Bank Transfer: - Bank Name: Canara bank, Branch: IIT Indore, Khandwa Road, Simrol, Indore.

Account Name: Registrar , IIT Indore ; Account number: 1476101027440. IFS Code: CNRB0006223.

The caution deposit will be refunded to the participants attending the course.