

**4 weeks Internship Opportunity at IIT Indore on
ADVANCES IN MATERIALS JOINING AND MECHANICAL TESTING
OF WELD JOINTS**

29th March – 23rd April, 2021

(Event under Accelerate Vigyan – Vritika Program, DST)

ORGANIZED BY

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

ABOUT THE PROGRAM

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. For students in mechanical / material/ production/ manufacturing engineering and etc, it is very beneficial to widen their knowledge in the areas of advanced welding techniques and mechanical properties of weld joint, failure analysis, corrosion behavior of weld joint and characterization.

This internship is designed to have interactive lectures on the topics related to current trends in welding technology, failure analysis and characterization along with virtual training related to advanced welding technology and mechanical behavior of weld joint, literature study on advanced welding techniques and report submission by participating students.

WHO CAN APPLY ?

- Highly motivated PG students from any recognized university from India interested to enhance their knowledge in the area of welding (preferably from mechanical, material, manufacturing, production, automotive / aerospace/ applied mechanics/ or equivalent branches of engineering and science) are eligible to apply.
- Number of participants limited. Shortlisted candidates will be informed through E.mail.

Application Process: Interested and eligible students can submit their application form in the format enclosed along with brief CV and a copy of institute ID.

Last date for submitting application : 25.3.2021 (through E.Mail: jayaprakash@iiti.ac.in)

Internship Fee: The internship is under Accelerate Vigyan – Vritika Program, supported by DST there is **no fee** for the participating students.

Certificate: After completion of the internship and submitting brief report certificate will be issued

ABOUT IIT INDORE

Indian Institute of Technology Indore (IIT Indore), is an institute of national importance established by the Government of India in 2009. IIT Indore campus, spread over an area of around 500 acre. IIT Indore is equipped with world class research infrastructure, with renewed faculty members.

ABOUT THE Department of MEMS IIT Indore

The department of Metallurgy Engineering and Materials Science (MEMS) is functioning full fledged from 2016. The emphasis of the discipline is to promote multidisciplinary research to find amicable solutions for the real- world problems and work on the cutting-edge research problems that benefits society related to materials. The department is offering UG program, 2 PG programs with one specialized in Metallurgy Engineering, other in Materials science and PhD program.

COURSE CO-ORDINATOR

Dr. Jayaprakash Murugesan

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

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Application for online Internship at IIT Indore
(Event under Accelerate Vigyan –Vritika program, DST)

ORGANIZED BY

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

Name	
Date of Birth:	
Education:	
Degree (Currently ongoing)	
Name of College /Institute/ University with address	
Year of Joining in the course	
Address for communication with Email ID and contact number	
Specialization (if any)	
Marks obtained in UG	
Marks obtained in PG (if available)	
GATE Score (if available)	
Awards / distinction (if available)	
Signature of Applicant	
Date	

Note:

Applicant need to enclose latest CV, ID card copy (of college/institute/university) along with the application form and send through E.mail to jayaprakash@iiti.ac.in

If selected, student needs to submit a bonafide certificate from his college/institute/university

Last date of accepting application: 25.3.2021, results will be declared on 26.3.2021.