



# INDIAN INSTITUTE OF TECHNOLOGY INDORE

## Department of Metallurgy Engineering and Materials Science

Organizes

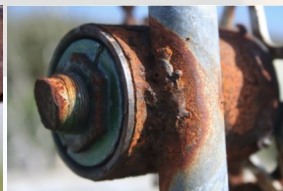
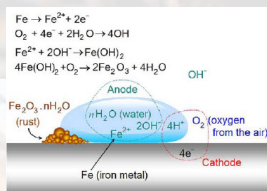
6-Days Online Short-Term Course  
On



## Fundamentals of Corrosion Science and Technology

09-14 September 2020

Sponsored by Quality Improvement Program (QIP), AICTE/MHRD



### About the Course

The main objective of the proposed short-term course is to provide basic understanding to the participants on the corrosion science and technology in terms of theoretical and practical aspects both. The course will commence with the emphasis on the importance of studying corrosion of materials. Various forms of corrosion and corrosion rate determination, intergranular corrosion, pitting and crevice corrosion, weldment corrosion and susceptibility to hydrogen damage effects of metallurgical structure on corrosion will be discussed. Finally, electrochemical methods of protection of metals and alloys will be explained. Moreover, it will also comprise the experimental aspects of corrosion and how to analyze data to express rate of corrosion. In addition to expert lectures by academicians, the industry experts will also discuss about instrumentation.

### Registration

**There is no registration fee for the course.** Complete registration form should be sent to the course coordination: [mdubey@iiti.ac.in](mailto:mdubey@iiti.ac.in). Incomplete registration form will not be entertained. **Number of seats are limited. Selection is based on first come first serve basis.**

### Online mode

A link will be sent to shortlisted participants to join the online short-term course.

### Certificate

Participants who successfully completed the course will be awarded with a Course Completion Certificate.

**Last date for receipt of registration: August 30, 2020**

Notification for acceptance: August 31, 2020

### Target Participants

Faculty members of degree level colleges recognized by AICTE, are eligible to attend the course.

### Invited Experts

**Prof. Kallol Mondal** (IIT Kanpur)

**Prof. S. Parida** (IIT Bombay)

### Faculties from IIT Indore

Dr. Mrigendra Dubey, Dr. Vinod Kumar, Dr. Sumanta Samal, Dr. Jayaprakash Murugesan, Dr. Eswara Prasad, Dr. Ajay. K. Kushwaha and Dr. S. Pakhira.

### Course Coordinator

**Dr. Mrigendra Dubey**

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