Launching of the AMPP Gujarat Chapter

(on the occasion of International Corrosion Awareness Day, 24th April) &

One day workshop on Corrosion Control & Monitoring (CCM)– 2025

> Organized By AMPP Gujarat Chapter & The Indian Institute of Metals (IIM) Baroda Chapter

> > **Supported By**





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Date: 24th April 2025, Thursday

Time: 9.30 AM- 4.30 PM

Venue: The Federation of Gujarat Industries(FGI) Auditorium Gotri–Sevasi Road, Khanpur, Near Sevasi, Vadodara

Scop<mark>e & Objectiv</mark>e

Corrosion is the key area of concern in the World Economy. In addition to causing severe damage and threats to public safety, corrosion disrupts operations & quality of products and requires extensive repairs & replacement of failed assets. These expenses can be brought down to half if good corrosion management practices are followed; this offers a huge opportunity to save cost and also enhance the life of products, plant & machinery, and civil structures.

The global cost of corrosion is estimated to be US\$2.5 trillion, which is equivalent to 3.4% of the global GDP (2013). By using available corrosion control practices, it is estimated that savings of between 15 and 35% of the cost of corrosion could be realized; i.e. between US\$375 and \$875 billion annually on a global basis.

These costs typically do not include individual safety or environmental consequences. Through near misses, incidents, forced shutdowns (outages), accidents, etc., several industries have come to realize that lack of corrosion management can be very costly and that, through proper corrosion management, significant cost savings can be achieved over the lifetime of an asset.

To achieve the full extent of these savings, corrosion management and its integration into an organization's management system must be accomplished by implementing a Corrosion Management System (CMS).

The success of initiatives like TPM, Quality, and Energy etc., have been possible as every industry/Organization has a team or representative on these subjects, who undertakes implementation of good practices in order to improve product quality, reduce energy consumption, reduce maintenance cost, increase productivity etc.

In order to support Indian Industry & other stakeholders to better deal with corrosion & its management, IIM Baroda Chapter proposes to bring all stakeholders together and discuss, draw road map and action plan for further interventions to achieve significant reduction in corrosion related losses.

Who should attend?

The programme outline is designed for professionals engaged in inspection, maintenance, construction, design, corrosion control, operation etc., in

- Oil and gas production and processing industries
- Chemical industries & Oil refineries
- Fertilizer and petrochemicals industries
- Infrastructure companies
- Power plants
- Metallurgical process industries
- Consulting organizations
- Equipment suppliers
- Technical institutes
- Vendors and suppliers of corrosion related products

Topics to be covered

There will be invited lectures by eminent experts from industry, R&D and academia. Topics to be covered are as follows

- Corrosion Basics And Corrosion Manifestation
- Cutting-Edge Electro-chemical Approaches for Accelerated Corrosion Testing
- Cathodic Protection in oil & gas industries
- Paints and Protective Coatings
- Corrosion Failures & Case Studies

AMPP: The Association for Materials Protection & Performance "A Safer, Protected, and Sustainable World"

AMPP represents the largest global community of corrosion and protective coatings professionals. Our members are dedicated to advancing technical and practical expertise in corrosion prevention and control. AMPP provides members with the knowledge and resources to ensure high performance materials are used to build and maintain sustainable infrastructure. AMPP protects infrastructure and assets worldwide through member and workforce education and credentialing, company accreditation, technological innovation, and global standardization. <u>www.ampp.org</u>

AMPP GUJARAT CHAPTER

The AMPP Gujarat Chapter was established on September 19, 2024, and has been officially recognized as part of AMPP's global framework. The chapter will serve as an active branch of AMPP, dedicated to promoting corrosion awareness, protection, and control within Gujarat. Its primary focus will be on the regions of Gujarat, Rajasthan, and parts of Maharashtra. Gujarat, a key manufacturing hub in India, is renowned for its chemical, petrochemical, refinery, and engineering industries. By addressing the unique needs of these sectors, the chapter will offer specialized training in corrosion control techniques. Through its activities, the AMPP Gujarat Chapter aims to foster knowledge sharing and collaboration among professionals, strengthening its impact on both national and international levels.

About IIM Baroda Chapter:

IIM is an organization with a proud past and an exciting future, being one of the largest and most prestigious associations of scientists, engineers, technologists, academicians, managers and industrialists in the field of metallurgy and materials engineering in India IIM, . The Institute has grown into a reputed Institution devoted to promotion and advancement in the study, practice and research of Metallurgical Science and Technology. The Indian Institute of Metals is now recognized throughout the world as one of the premier metallurgical organizations. Baroda Chapter is one of the oldest chapters of IIM, established in 1971 in the premises of Metallurgical & Materials Engineering Dept, Faculty of the Tech. & Engg, The M S University of Baroda, and Vadodara. The two main objectives of IIM are: promoting and advancing the science and technology of metals and alloys and protecting the interests of metallurgists and metallurgical industry. The activities of the Institute include organizing national and international technical conferences and programmes, research activities, publications, conducting qualifying examinations etc. Almost all the activities are carried out through the Honorary services of the Office-bearers, Council Members, Chapter Chairmen, Secretaries and Treasurers as well as a large number of Institute members.

Sponsorship

Platinum:	Rs 60,000 (Eight Delegate free)
Gold:	Rs 35,000 (Four Delegates free)
Silver:	Rs 20,000 (Two Delegate free)

Registration Fees(Including 18 % GST)

IIM Members/ AMPP Members	Rs. 2000/-
Non-IIM Member/ Non-AMPP Member	Rs. 2500/-
Students	50% discount

*Last date for registration: 16th April 2025

Online Registration

Bank Name: Union Bank of India Branch: Dandia Bazar, Vadodara-390001 A/C Name: Indian Institute of Metals A/c No: 520101234030441 ISFC Code: UBIN0901555 Micr Code: 390026037 Scan QR for Payment



Registration link: https://forms.gle/VKdg2bC7qNbBjAtA8

Organizing Committee

Dr. Sunil Kahar

Chair, AMPP Gujarat Chapter Chairman, IIM Baroda Chapter Asst. Professor, The M S University of Baroda

Mr. Zuber Khan

Vice Chair, AMPP Gujarat Chapter Managing Diretor Consultech

Mr. Hiren Panchal

Secretary, AMPP Gujarat Chapter Secretary ,IIM Baroda Chapter AGM, QA& QC, Linde Engg India Ltd

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Member at Large, AMPP Gujarat Chapter General Manager, Heeru groups

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For Registration Please Contact

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