Pre-Conference Workshop on

**Corrosion Protection and Coatings**

**Objective:**

The primary objective of this workshop is to educate and equip participants with comprehensive knowledge on corrosion mechanisms, protection strategies, and the latest advancements in coating technologies. The workshop aims to provide practical insights in selecting and applying appropriate corrosion protection methods for various industrial applications.

**Theme of the Workshop:**

* Corrosion Fundamentals & Principles:Understanding the basic mechanisms and types of corrosion.
* Localized & High-Temperature Corrosion:Exploring corrosion phenomena in specific conditions and high-temperature environments.
* Corrosion in Various Industries:Focusing on construction materials, mobility industries, oil & gas, chemicals, petrochemicals, and pipelines.
* Advances in Corrosion Prevention and Coatings:Introducing modern techniques such as hot dip, thermal spray, vapor deposition, nitriding, laser coatings, electroless, electroplating, electrophoretic, and thin organic coatings.
* Overall Theme:Enhancing material longevity through advanced corrosion protection and coating technologies.

**Who Should Attend:**

* Faculty from various academic institutes.
* R&D Scientists and Researchers.
* Engineers and Technicians:Including corrosion practitioners, inspection and reliability professionals, technical managers, quality control and assurance managers, designers, architects, coating applicators, and inspectors.
* Research Scholars: Including Ph.D., postdoctoral, and project fellows.

**What You'll Learn:**

By the end of the workshop, participants will have a comprehensive understanding of corrosion protection mechanisms and coating technologies, enabling them to apply this knowledge in their respective fields effectively.