Manufacturing Technology Training
An IMTMA initiative

# Defects Analysis of Paint & Powder Coating Applications
**Date : 8 to 9 July, 2026**
**Venue : IMTMA Technology Centre, Pune**

## INTRODUCTION

In today's manufacturing scenario, where shortage of raw material, power & increasing pressure to reduce costs are the order of the day, 'Painting / Coating application' is possibly the most troubled issue. While we are nearly at par with global standards in metal working, we definitely lack in finishing and Powder Coating Applications operations. The stark difference is visible when it comes to exporting our goods. Lack of knowledge in Defect Analysis especially in painting / powder coating and Buck passing between paint or powder suppliers vs equipment suppliers lead to high rework and rejection rates.

## FOCUS AREAS

- Paint Film Defects, Root Causes and Remedies
- Basics of Paints / Coatings
- Types & Importance of Pretreatment before Paint / Coatings applications & their types
- Basics of Paint / Coatings Spray Applications, Paint Spray Techniques
- Paint Application Techniques, How to improve the transfer efficiency
- Quality Control / Quality Assurance
- Shelf life, storage and safety aspects
- Disposal of paints and media
- How to read the specifications
- Case studies from engineering industries
- Group discussion and presentation

## KEY TAKE AWAYS

**After undergoing the programme, the participants will be able to -**

- Have a stronger ability to do in-depth Root Cause Analysis of the recurring defects
- Understand the correct process sequence and the SOPs involved
- Reduced Rejection rates & Rework in paint shops

## PARTICIPATION FEE

| Rs. 4999/- | Rs. 2500/- | Rs. 999/- | USD 200/- |
|---|---|---|---|
| +18% GST | +18% GST | +18% GST | Overseas Participants |
| IMTMA Members/ Micro Companies/ Individuals/ IMTMA Non Members/ Others | Professors | Student | |

**Group Concession : 10% for 3 to 5 and 20% for 6 and more delegates being nominated from the same company**

## PARTICIPANT PROFILE

This programme will benefit paint-shop engineers and senior technical personnel involved in the functions of Process Planning, Product Application engineering, Manufacturing, Quality Assurance, etc., and other related areas from Automobile & auto ancillaries, Defence and Railway establishments, General Engineering and other Capital goods manufacturing industries. All users of powder and paint coatings as well as suppliers of painting equipment and materials.

The programme will be highly interactive where participants can raise questions and solicit feedback from the expert faculty.

## FACULTY

**This programme will be conducted by, IMTMA Subject Matter Expert.**

He is an Industry expert in Surface Coating & Application Technology. He is a Qualified Paint Technologist & has over 30 years of experience in the field. He is a certified International Coating Inspector – SSPC (USA) PCI Level 2. As a Consultant, he has an impressive list of Customers with OEMs & MNCs on his list. He has been in the Training & Education field for the subject for over 10 years & has delivered special courses as well as, in-house courses for industry in India & Abroad.


### For Registration Contact
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**REGISTRATION :** Prior registration for participation is necessary. Number of participants is limited and will be accepted on 'First Come First Serve' basis. A Certificate of participation will be issued to participants.
**Important Information :** Participation fee includes, course material, working lunch and tea / coffee. Interested companies are requested to register online by clicking on 'REGISTER' button and by filling up the nomination authority and participant's details in specified form.