

## INTRODUCTION

One very important requirement for Cars is they must look “good” to appeal the changing requirements and tastes of discerning buyers and automotive critics and buffs. Car styling and what are the norms of looking “good” have been changing through generations of cars. Aesthetics cannot remain subjective and there are methods and metrics to assess the same. The quality expectancy and requirements have also been evolving with advancements in inspection technology and methodology. This half day webinar seeks to cover these aspects systematically and comprehensively.

## FOCUS AREAS

- Evolution of car styling through four generations
- Requirements of aesthetics for A Class Surfaces
- Assessment of aesthetics through Zebra mapping
- Inspection of painted surfaces
- BIW Quality assessment through non-contact metrology
- Quality acceptance norms and assessment

## KEY TAKE AWAYS

- Typical defects in sheet metal parts and assemblies, root causes and remedies
- Carline and vehicle vs part coordinate system
- New Technology Developments in metrology
- Importance of using fixtures
- AI-ML in automated inspection of aesthetics and defective assemblies

## FEE PER PARTICIPANT (PER LOGIN)

**Rs. 3750/-**  
+18% GST  
**IMTMA Members/ Micro Companies/ Individuals/  
Educational Institutions / Students/ IMTMA Non  
Members/ Others**

**USD 150/-**  
**Overseas Participants**

**Group Concession : 10% for 3 to 5 and 30% for 6 and more delegates being nominated from the same company**

## PARTICIPANT PROFILE

- Discerning Car buyers and analysts
- Sheet Part / Assembly Designers
- BIW and Car Assembly / Quality personnel from automotive sector
- Sheet Part / Assembly Manufacturing and Quality Personnel
- Automation Providers
- Equipment makers and sales personnel
- Young Technology Aspirants
- Vendor development and Quality personnel

## FACULTY

This program will be conducted by **Mr. Avinash Khare.**

**Mr. Avinash Khare,** is presently working as a Consultant Head for IMTMA Pune Technology Centre for last 5 years ; he has been designing, developing content and delivering wide range of Training Courses as a Faculty. He is Electrical Engineer by Qualification and he has worked for over 33 years at Tata Motors Pune in various capacities ranging from R&D in Industrial Electronics, Machine Maintenance, Technology Procurement, Head of Machine Shops, Tool Room Shop Head, Head of Die Design and Champion in Business Excellence. He has taught Instrumentation and Bio Medical Instrumentation at Pune University as part time faculty.

### For Registration Contact

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