

## INTRODUCTION

Manufacturing data comes in many forms. Some data is amenable to a straightforward analysis, such as looking for statistical outliers in a washer hole’s diameter. Analysis with other types of data can be more challenging, such as the human categorization of engines that create undesirable noise.

Machine learning and artificial intelligence (AI) models can help deal with this more challenging data. In this session you will learn to explore the role of data analytics in enhancing manufacturing efficiency and product quality.

Keeping in this veiw Indian Machine Tool Manufacturers Association is organising a training program on "**Data Analytics for Optimal Efficiency and Superior Quality Powered by MathWork India**".

## KEY TAKE AWAYS

- The Role of Analytics in Modern Manufacturing
- Key Strategies for Data Integration and Analysis

## FEE PER PARTICIPANT (PER LOGIN)

**Rs. 499/-**  
+18% GST

**IMTMA Members/ Micro Companies/ Individuals/  
Educational Institutions / Students/ IMTMA Non  
Members/ Others**

**USD 20/-**  
**Overseas Participants**

## PARTICIPANT PROFILE

This session is for Engineers interested in AI and Data Analytics in Manufacturing.

**Industry:** Across industry - Manufacturing, Automotive, Aerodef, Energy Production, Semiconductor

## FACULTY

This programme will be conducted by **Mr. Peeyush Pankaj AI Application Engineer** *Principal Application Engineer, MathWorks India*.

**Mr. Peeyush Pankaj** is a principal application engineer at MathWorks, where he has been promoting MATLAB products for data science. He works closely with customers in the areas of predictive maintenance, digital twin, enterprise integration and big data. Peeyush has over 13 years of industry experience with a strong background in Aviation. Prior to joining MathWorks, he has extensively worked on aircraft engine designs, testing and certification. He has filed 25 patents on Advanced Jet Engine technologies and Prognostic Health Monitoring of aircraft engines. Peeyush holds a master’s degree in advanced mechanical engineering from the University of Sussex, UK.

### For Registration Contact

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**REGISTRATION :** Prior registration with an online advance payment is must. Number of participants is limited and will be accepted on ‘First Come First Serve’ basis. A Certificate of participation will be issued to participants.