



## INTRODUCTION

Every day we rely on a wide range of machines, but every machine eventually breaks down unless it's being maintained. Predictive maintenance lets you estimate when machine failure will occur. This way, you can plan maintenance in advance, better manage inventory, eliminate unplanned downtime, and maximize equipment lifetime.

In this series, you will learn about the implementation and benefits of **predictive maintenance using IoT and machine learning**. Keeping in this view Indian Machine Tool Manufacturers Association is organising a training program on **"IoT and machine learning based Predictive Maintenance Powered by MathWork India"**.

## KEY TAKE AWAYS

- Introduction to Predictive Maintenance
- Key Technologies: IoT, Machine Learning, and Advanced Analytics

## 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 Automated Visual Inspection and AI in Manufacturing.

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

## FACULTY

This programme will be conducted by **Mr. Jayanth Balaji Avanashilingam**, Application Engineer MathWorks India.

**Mr. Jayanth Balaji Avanashilingam** works as an Application Engineer at MathWorks in the area of Language of Technical Computing. He primarily focuses on areas of Data Analytics for the application involving with Time-Series data. He has 8+ years of research and industrial experience, where he was working developing AI/ML/DL solutions for various application areas, such as retail optimization, computer vision and Natural Language Processing

### 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.