

INTRODUCTION

Production and productivity measurement on the shop floor has been done traditionally through log books, excel worksheets and reflects data as a historical record. Companies have their own methods at arriving at productivity. Overall Equipment Effectiveness or OEE is a standardised metric to measure productivity. Realtime measurement of OEE will result in quick and accurate decision making. In today's VUCA world immediate analysis and decisions need to be made based on real time data. This requires an automated productivity monitoring and control system as companies move towards Industry 4.0. This seminar discusses the principles behind productivity measurement through OEE. Further participants will learn first-hand how this can be carried out using an automated monitoring system that can dramatically improve productivity.

Keeping this in view, Indian Machine Tool Manufacturers' Association (IMTMA) is organising a three hours programme on "**How to Improve OEE and achieve manufacturing excellence**".

FOCUS AREAS

- Productivity Metrics using OEE
- Common myths in calculating OEE and taking account of losses
- Online monitoring of OEE - Software solution for measurement of OEE
- OEE & Industry 4.0

KEY TAKE AWAYS

- Calculating OEE
- Understand how OEE can be monitored using software
- Understand Benefits of monitoring OEE
- Other waste (Muda) not related to Equipment
- Understanding how an automated productivity system is a first step towards Industry 4.0

FEE PER PARTICIPANT (PER LOGIN)

Rs. 3750/-
+18% GST

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

USD 150/-

Overseas Participants/ Overseas Participants

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

FACULTY

This programme will be conducted by **Mr. Ganapathi K N, Mr. Dasarathi GV & Mr. Vinayak D Kamath.**

Mr. Ganapathi K. N. is currently associated with IMTMA as a faculty member, following his retirement from his full-time role at the organisation. He brings with him over 32 years of rich experience, including 16 years in the industry and 16 years in academics and training.

A postgraduate in Metal Casting Science and Engineering from UVCE, Bengaluru, Mr. Ganapathi has held various positions in both ferrous and non-ferrous foundries prior to joining IMTMA. He possesses in-depth knowledge of foundry operations and has successfully provided practical solutions to a wide range of foundry-related challenges.

During his career, he has delivered specialized training programs in the metal casting domain to more than 300 engineers from various manufacturing organizations across India. In addition, he has also taught metal casting topics to postgraduate engineering students, contributing significantly to industry-oriented technical education.

Mr. Dasarathi GV, Director - Applications in Cadem Technologies Pvt Ltd and LEANworx Technologies Pvt. Ltd. Cadem has software products for CNC cycle time reduction and programming. Leanworx has an Industry 4.0 system. Mechanical Engineer with a post-graduation in Production Technology. He has over 35 years of experience in metal cutting on CNC machines. Outside office Mr Dasarathi is a passionate promoter of sustainable transport and sustainable construction.

Mr. Vinayak D Kamath is an Industry expert having 30 plus years of experience in manufacturing industry. He is the CEO at Auto CNC Private Limited, Bangalore heading Operations and Marketing. He specializes in Autonomous Maintenance of machines, Good manufacturing practices including 5S,Kaizen and QCC.

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