Manufacturing Technology Training
An IMTMA initiative

Program on Bearing
Date : 12 December, 2025
Venue : Indian Machine Tool Manufacturers Association, Chennai

INTRODUCTION

A training program on bearings is crucial for various reasons:

- Extended Equipment Life: Proper bearing installation, maintenance, and troubleshooting techniques can significantly extend the lifespan of equipment and machinery.
- Reduced Downtime: Well-trained personnel can quickly identify and resolve bearing-related issues, minimizing equipment downtime and increasing overall productivity.
- Improved Safety: Bearings are critical safety components. Proper training ensures that personnel understand how to handle and install bearings correctly, reducing the risk of accidents.
- Enhanced Efficiency: Optimized bearing performance leads to improved equipment efficiency, reduced energy consumption, and lower operating costs.
- Cost Savings: Proper bearing maintenance and replacement techniques can significantly reduce repair and replacement costs.
- Improved Product Quality: In industries like manufacturing, bearing performance directly affects product quality. Proper training ensures that personnel understand how to maintain bearings for optimal product quality.
- Compliance: Training programs may cover industry-specific regulations and standards related to bearing installation, maintenance, and safety.

By investing in a bearing training program, organizations can reap these benefits, leading to improved overall performance, efficiency, and cost savings.

Keeping this in view, Indian Machine Tool Manufacturers' Association along with AMTDC-Chennai is organising a training programme on **" Program on Bearing"** at **Advanced Manufacturing Technology Development Centre (AMTDC),** Ground Floor Block 'B', IIT Madras Research Park, Kanagam Road, Taramani, Chennai - 600 113.

FOCUS AREAS

- Importance of Bearing
- How Bearings are Manufactured.
- Types of Bearing
- Parts of Bearings and its function
- Specification of Bearing
- Mounting and Dismantling of Bearing (Hot and Cold)
- Lubrication in Bearing
- How to Identify Spurious Bearings.

KEY TAKE AWAYS

- Thorough knowledge on fundamentals of Bearing
- Understanding Bearing assembly in Drawing
- Selection of Bearing
- Perfect Mounting of Bearing (Do it right the first time)
- Know the Latest in Bearing

PARTICIPATION FEE

Rs. 2999/-
+18% GST
IMTMA Members/ Micro Companies/ Individuals/ Educational Institutions / Students/ IMTMA Non Members/ Others

USD 120/-
Overseas Participants

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

PARTICIPANT PROFILE

- This programme will benefit practicing Design Engineers, Maintenance personnel from industry of all segment.
- Entry level or <1 years' experience in Diploma and graduate engineers from industry.

FACULTY

This program will be conducted by **Mr. V Madhu**

Mr. V Madhu, with over 30 years of experience possess a strong background in manufacturing, technical engineering, and human resource management. His expertise includes implementing Lean methodologies, 5S practices, and cost optimization strategies to enhance productivity. He excels in project management, ensuring timely delivery within budget, and maintaining quality standards. Skilled in social security, contract labour management, and HR business partnering, have effective interpersonal and supervisory skills. Proficient in Mechanical maintenance (TPM). Lean practices like Poka Yoke and Kaizen. He contributes to reliability and performance improvement. His knowledge of Bosch production systems, total quality management, and strategic HR management trends adds value to organizations. Additionally, He is also expertise in pneumatics, hydraulics in automation, and heat treatment processes. Passionate about problem-solving and drive continuous improvement and innovation.

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.