Manufacturing Technology Training
An IMTMA initiative

# Care for Machine Tool Spindles - Systematic Approach for Spindle Maintenance
## Date : 1 to 3 December, 2026
## Venue : IMTMA Technology Centre, Bengaluru

**Last date for registration 24 November 2026**

## INTRODUCTION

Maintenance of spindles in metal cutting or industrial machinery is a critical function of a maintenance engineer. Technicians maintaining them typically require special diagnostic tools and intense technical training. Often component deviations can be traced to faulty spindles. Spindle maintenance requires a thorough knowledge of bearing application, lubrication, assembly tools and techniques.

Keeping this in view, IMTMA is organizing a training on "***Care for machine tool spindles-Systematic approach for spindle maintenance*".**

## FOCUS AREAS

- Bearing types & their application in metal working and industrial machinery
- Bearing lubrication systems
- Spindle failure & reconditioning
- Tools, tackles & assembly techniques
- Testing of assembled spindle units
- Bearing failure
- Spindle bearing preloading
- Preventive maintenance of spindles
- Why do spindles fail? - Case studies and examples
- Live demo of Spindle dismantling, testing and assembly

## KEY TAKE AWAYS

- Identify and correct spindle problems before any catastrophic failure
- Plan periodic predictive maintenance and inspection
- Decrease downtime and save money on spindle repairs
- Learn through live demo of spindle dismantling, testing and assembly

## PARTICIPATION FEE

| Rs. 6999/- | Rs. 3500/- | Rs. 999/- | USD 280/- |
|---|---|---|---|
| +18% GST | +18% GST | +18% GST | |
| **IMTMA Members/ Micro Companies/ Individuals/ IMTMA Non Members/ Others** | **Professors** | **Student** | **Overseas Participants** |

**Group Concession : 10% for 3 to 5 and 20% for 6 and more delegates being nominated from the same company**

## FACULTY

**This programme will be conducted by, IMTMA Subject Matter Expert.**

He has a experience with over 3 decades of expertise in Machine Design and Fixturing. An ex-HMT as Dy. General Manager served the R & D dept. He now runs his own Industry "XL CNC Machine" at Peenya.


## For Registration Contact

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## Contact Address

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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.