



## 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 an online training on **Care for machine tool spindles - Systematic approach for spindle maintenance**. Sessions will be supported with **live video demo** of Spindle dismantling, testing and assembly.

## 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**

## FEE PER PARTICIPANT (PER LOGIN)

**Rs. 3500/-**  
+18% GST

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

## FACULTY

This programme will be conducted by **Mr. S.K. Gupta** and **Mr. Rajesh Mandlik**.

**Mr. S K Gupta** is Former Asst. General Manager, Machine Design & Business Development, Tata Motors Machine tools division, Pune. He is an industry expert with over 37 years of rich experience in Design & Development of General purpose & Special purpose Machine tools.

**Mr. Rajesh Mandlik** is Managing Director of Setco Spindles India, having 30 plus years of experience in spindle manufacturing, testing and re conditioning. He is instrumental in setting up green field projects at Pune, Chennai and Manesar (Gurgaon) for undertaking Spindle development, testing and re conditioning services.

### For Registration Contact

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