



## INTRODUCTION

Mechanical systems have a significant role in product reliability w.r.t cost or investment. Knowledge of each kinematics in power transmission plays an important role in cost reduction of any product. There is a continual development is happening in all the elements to address the cost and reliability with ease of assembly and interfacing. It is also very essential to the manufacturers from upskilling their employees in design and as well product service to enhance the reliability and minimize the down time.

Keeping this in mind, IMTMA is organizing an online programme on fundamentals of Kinematics and know how on mechanical elements as part of the programme Mechatronics – Fundamentals and core concepts.

## FOCUS AREAS

- Fundamentals of Mechatronics
- Introduction to power transmission
- Know how on Bearings, pulley drive, Spring design, gear design and Spring design
- Selection process for kinematics for right application and Ball screws and guideways

## KEY TAKE AWAYS

- Understand kinematics
- Knowledge on power transmission
- Introduction to mechanical elements
- Selection criteria of mechanical elements like Bearings, Belt, Gear, LM guide, Ball screw, Chain drive, Springs Etc.
- Assembly techniques of mechanical elements

## FEE PER PARTICIPANT (PER LOGIN)

**Rs. 2000/-**

+18% GST

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

**USD 60/-**

**Overseas Participants**

## FACULTY

This Program will be conducted by **Mr. Rajashekara HV**

Mr. Rajashekara HV, Advisor IMTMA has 28 years' experience on Design and Development of Metal cutting machines from various industry like M/s HMT Machine Tools, M/s Johnson Electric International Limited, HongKong and 7 years as Senior Director, IMTMA Design Institute. He has overall experience of 35 Years from both shop floor and training.

### 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.