

# Online Workshop on Mechatronics, MEMS & Micro-fabrication

6th May 2022– 20th May 2022

Karyashala, Sponsored Workshop under Accelerate Vigyan scheme by SERB

## Course Details

- Sensors and Actuators
- Pneumatic system design
- Micro-robotics
- Mechanical system modelling
- Micro fluidic-system Design
- Opto Mechatronics
- Nanoscale Memory devices
- Micro/Nano fabrication
- Bio/Chemical Sensors
- Soft material based opto-electronic sensors
- Device characterization techniques
- Nano-particle generation and Analysis



## Registration Details:

- The registration is free for M.E/M.Tech/MSc and Ph.D Scholar ( should submit a NOC from Guide/Institute)
  - For Undergraduate and Diploma holders –250 Rs per head including GST.
  - For Faculties and Scientist-1000 Rs per head including GST.
  - For industries– 2500 Rs per head including GST
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- ♦ Course Lectures will be handled by Professors from different IIT's and Scientist from different R&D centers and from industries.
  - ♦ Course includes lectures, Online laboratory and video demonstration.
  - ♦ 4 hrs per day will be the Duration
  - ♦ Certificate will be provide at the end of the course

Course coordinator

**Prof. I.A. Palani,**

Professor, Mechatronics and Instrumentation Lab, Department of Mechanical Engineering, IIT Indore  
Email- [palaniia@iiti.ac.in](mailto:palaniia@iiti.ac.in) ( for registration kindly mail to the course coordinator, Last date for registration is 30th April 2022)

