



# CENTRE OF EXCELLENCE ON MACHINE TOOLS DESIGN INDIAN INSTITUTE OF TECHNOLOGY (BHU) VARANASI

## SUMMER INTERNSHIP-2026

**DURATION: 04-06 WEEKS (HYBRID MODE)**

### TOPICS

- **Hands on Training on Robotic CMT**  
Introduction to Robotic CMT | Robot Programming  
Wire Arc Additive Manufacturing/ CMT Cladding
- **Sample Preparation**  
Wire Electric Discharge Machining (WEDM)  
Mounting | Polishing | Etching
- **Material Characterization**  
Stereo Microscopy  
Optical Microscopy  
Scanning Electron Microscopy (SEM)
- **Mechanical Testing**  
Microhardness  
Tensile Testing



### REGISTRATION

<https://forms.gle/X7H3>

[BxByxKfcjne16](https://forms.gle/BxByxKfcjne16)

### CONTACT



**Deadline**

**April 30, 2026**