



# Workshop on Advancement and Applications of Analytical Instruments (AAAI) 2024



## Central Instruments Facility (CIF), IIT Guwahati

November 09, 2024  
Indian Institute of Technology Guwahati

### INVITATION

The Central Instruments facility in association with the IEEE Photonics Society Student Chapter, IIT Guwahati is organizing a workshop on **Advanced Analytical Analysis of Instruments (AAAI-24)** on **09<sup>th</sup> November, 2024**. AAAI-24 will be a daylong event in the serene campus of IIT Guwahati, and will involve **talks by eminent speakers** from the field of measurement and instrumentations. The event will also include **laboratory visits**. We invite registration from interested participants for the event. The primary aim of AAAI is to provide a platform for bringing together experts and students from the field of "**Instrumentation**", to highlight the advanced analytical facilities available at CIF. Topic included, not limited to:

- X-ray Diffraction (XRD)
- Mass Spectroscopy (ICPMS, HRMS)
- Electron Microscopy (TEM, SEM, AFM)
- Atomic Force Microscopy
- Magnetic Measurement (VSM, ESR)
- Nuclear Magnetic Resonance Spectroscopy
- Photoelectron Spectroscopy (XPS)
- Universal Testing machine (UTM)
- Thermal Analysis (DSC/TGA)

**Registration Fee: Rs 700/- (Inclusive of participation, tea, and lunch)**

**Registration Deadline – 21st Oct, 2024**

For registration and other details, please visit: <https://www.iitg.ac.in/clubs/ssphotonics/AAAI-2024.html>

**Certificates will be provided to all registered attendees**

**Note: Registration is mandatory for participation**

Organized by: Central Instruments Facility (CIF) and IEEE Photonics Society Student Chapter, IIT Guwahati

**Prof. Devendra Jalihal**  
Patron  
Director, IIT Guwahati

**Prof. Gagan Kumar**  
Organizing Chair  
Head CIF

**Dr. Sidananda Sarma (Convener)**  
**Dr. Babulal Das (Co-Convener)**  
Contact: +913612583105/3103  
Email: [aaaicifiitg@gmail.com](mailto:aaaicifiitg@gmail.com)