



# IIT(BHU) - NIMS

## JOINT WORKSHOP ON

# TRENDS IN QUANTUM MATERIALS



24 March 2026

Dev & Vardhana Goswami Lecture Hall Complex  
School of Materials Science and Technology  
Indian Institute of Technology (BHU), Varanasi

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This Indo-Japan workshop brings together leading researchers, scientists, and industry experts from India and Japan to discuss cutting-edge developments in emergent quantum materials. This workshop will offer an opportunity to emphasise the research tradition and the trends of adapting the research fundamentals in today's world. The following are major themes that conferences will be emphasized:

1. Materials for sensors & quantum devices
2. Quantum Technology
3. Electrical, Photonic materials and devices
4. Magnetic, spintronics and superconducting materials
5. Quantum materials and applications

### Theme

- To explore recent breakthroughs in quantum materials.
- To discuss sensor innovations for environmental monitoring, biomedical applications, and smart systems.
- To promote Indo-Japan academic and industrial collaborations in emergent materials research.

### Expert Speaker



Dr. Shinji Isogami  
NIMS, Japan

### Registration

<https://forms.gle/ux2WfUQNSjN21Bdy5>



- Register online by 10/03/2026
- Selections are based on research relevance.
- Shortlisted candidates will be notified by 15/03/2026
- Seats are limited to 75 participants.

### Workshop fees:

- ₹ 1000 (Early-career researchers)
- ₹ 500 (PhD scholars & Master's students)
- Accommodation will be provided on payment basis (booking deadline: 05/03/2026)
- For payment details, please visit website



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<https://quantum-lab-conference.vercel.app/>