

About NIT Raipur

National Institute of Technology, Raipur, is recognized as an Institute of National Importance by the Government of India and is currently undergoing accelerated growth. It is one of the oldest and biggest institutes in the NIT system offering UG, PG and Ph.D. programmes in science and engineering. It has proven excellence in the field of science and technology over past few decades in central India.

About the Physics Department

The Department offers an M.Sc. in Physics, basic Physics to undergraduate engineering students, and PhD programme in all frontline areas of Physics, including luminescence materials, solar cells, III-V nitrides, and rare-earth thermo-electrics, among others. The Department is running various projects in experimental and theoretical condensed matter Physics, sponsored by the DST, CSIR, and CCOST. The Department has produced more than 35 PhDs so far.

Objectives:

The key objectives of the conference are to promote awareness and understanding of quantum materials and its applications in devices. The conference aims to bring together leading experts, researchers, and academicians to discuss advancements in quantum materials, devices and their transformative impact on technology and innovation.

Themes of NCQMD-2026

- Quantum dots
- 2D materials

- Energy materials
- Sustainable materials
- Superconducting materials
- Topological metals and semimetals
- Topological insulators
- Carbon based nanomaterials
- Biomaterials
- Optical materials
- Thermoelectric materials
- Spintronics materials
- Semiconductor materials
- Quantum Sensors
- Quantum electronics
- Quantum Computation

Registration Fee with GST (excluding publication charges)

For students – Rs. 2000/- +18% GST

For faculties – Rs. 3000/- +18% GST

For Industrial people – Rs. 5000/- +18% GST

The Registration fee will be accepted through online payment in the name of Director NIT Raipur.

Account Details: Director, NIT Raipur

A/c No. 30042955244, IFSC: SBIN0002852

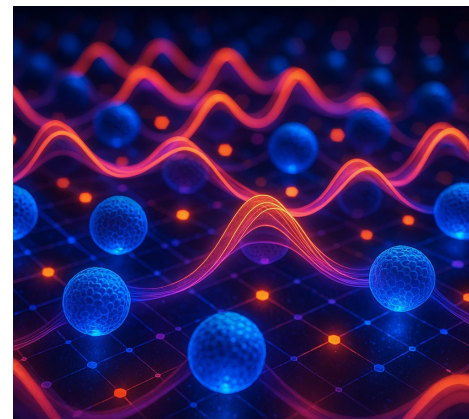
Tentative Invited Speakers

- Prof. A. C. Pandey, Director, IUAC, New Delhi (Plenary Speaker)
- Dr. O. P. Thakur, SSPL (DRDO), New Delhi (Key Note Speaker)
- Prof. Gopal Dixit, IIT Bombay (Key Note Speaker)

Rest speakers are from IITs, NITs, IISc & other reputed Institutes.

1st National Conference on Quantum Materials and Devices (NCQMD-2026)

March 12-13, 2026



ORGANIZER

Department of Physics
National Institute of
Technology Raipur
G E Road, Raipur-492010

Accommodation

Conference will be held in offline mode. Accommodation will be provided to all outstation participants in the Institute's guest house /visitor's house / student hostels on payment and availability basis.

National Advisory Committee

Prof. Siva Umapathy (FNA, FRSC, Ex. Director IISER Bhopal), IISc Bangalore
Prof. A. C. Pandey, Director, IUAC, New Delhi
Dr. Meena Mishra, Director, SSPL, DRDO
Prof. P. K. Bajpai, VC, J P University, Chhapra
Prof. Gopal Dixit, IIT Bombay
Prof. J. R. Mohanty, IIT Hyderabad
Prof. Rajesh Kumar, IIT Indore
Prof. Awnish Singh Parmar, IIT-BHU Varanasi
Prof. K. C. Pati, NIT Rourkela
Prof. K. N. Uttam, University of Allahabad
Prof. S. Agrawal, NIT Raipur
Prof. S. N. Pandey, MNNIT Allahabad
Prof. B. R. Sankpal, VNIT Nagpur
Prof. Ehesan Ali, INST Mohali
Prof. Kusum Kumari, CUJ Jammu
Prof. Nameeta Brahme, Pt R S U Raipur
Dr. Ajay Kumar Shukla, NPL New Delhi
Dr. O. P. Thakur, SSPL New Delhi
Dr. R. P. Singh, PRL Ahmedabad
Dr. Shashi Prabhakar, PRL Ahmedabad
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Dr. P. K. Siwach, NPL New Delhi
Dr. Aalu Boda, NIT Warangal
Prof. K. Kumar, IIT-ISM Dhanbad
Prof. Devendra Kumar Mishra, BHU Varanasi
Prof. Manish Kumar, JNU New Delhi
Prof. Jai Singh, GGV Bilaspur
Registrar, NIT Raipur
Dean (AA), NIT Raipur

Chief Patron

Dr. N V Ramana Rao

Director, NIT Raipur

Chief Guest

Dr. Meena Mishra

Director, SSPL (DRDO) New Delhi

Patron

Prof. G. P. S. C. Mishra

Dean (R & C), NIT Raipur

Chairman

Prof. S. M. Saini, HoD Physics

Organizing Secretaries

Dr. K. S. Ojha

Dr. Harikrishnan M. P.

Department of Physics
NIT Raipur

Call for Participation

Submit your full-length paper through

E-mail: ncqd2026@gmail.com

Website: <https://ncqmd2026.nitr.ac.in/>

Important Dates

Abstract submission begins –1st Nov, 2025

Abstract submission closes – 31st Jan 2026

Acceptance notification – 10th Feb 2026

Organizing Committee

Prof. A. Khare

Prof. B. K. Sahoo

Dr. K. S. Ojha

Dr. Haikrishnan M. P.

Publication:

Publication charges will be requested from the participants after confirmation from AIP / IOP /

Springer Nature Proceedings/Scopus indexed journals.

Contact Persons

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Important: All accepted and presented papers will be published in SCI/Scopus indexed Journal/Proceedings after peer review.

1st NATIONAL CONFERENCE ON QUANTUM MATERIALS AND DEVICES (NCQMD-2026)

MARCH 12-13, 2026

Registration Form

Name:.....

Designation:

Affiliation.....

Address:.....

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E-mail:.....

Contact No.:.....

Amount Paid (in Rs).....

Signature:.....

Endorsement by HoD/Institute Head
Permitted

Signature and seal.....