



CALL FOR ABSTRACTS

ABOUT THE CONFERENCE

CANDEE-2026 is the 5th version of the International Conference being organised by ABV-IIITM Gwalior, focusing on nanomaterials and devices for energy and environment. It brings together researchers and technologists to share advances in material synthesis, characterisation, applications and simulation-based discovery. The event also marks 18 years of AMRG and 28 years of ABV-IIITM Gwalior's academic excellence.

IMPORTANT DEADLINES

- Abstract submission opening: 29 July 2026
- Abstract submission closing: 15 September 2026
- Acceptance notification: 16 September 2026
- Early-bird registration closing: 30 September 2026
- Late registration closes: 31 October 2026

SCOPE OF CONFERENCE

Track 1: Advanced Nanomaterials and Functional Devices

- Low-dimensional and 2D materials
- Functional materials
- Molecular and nanoelectronics
- Nano biomedical devices
- Nanostructured implant materials
- Sensors and actuators

Track 2: Nanotechnology for Energy and Environment

- Hydrogen, fuel cells and thermal energy
- Batteries and supercapacitors
- Solar cells and photovoltaics
- H₂ production, cleaning and storage
- CO₂ conversion and air pollution control

Track 3: Nanotechnology in Sustainability, Food & Agriculture

- Nanotechnology in food and agriculture
- Soil pollution and treatment
- Sensors and actuators
- Environmental remediation
- Waste management

Track 4: Nanoengineering and Surface Technologies

- Surface/interface nanotechnology
- Spintronics
- Nano nuclear materials
- Energy and nuclear systems
- Nano-fluidics and integrated bio-chips

Track 5: Quantum Computing and AI/ML

- Quantum computing
- Quantum materials and devices
- Quantum simulation
- Artificial intelligence and ML
- AI/ML for materials research
- Quantum machine learning

The tracks are indicative; submissions from other relevant areas of nanomaterials, energy and environmental applications are also welcome.

EXPECTED KEY SPEAKERS

- Prof. Chennupati Jagdish, ANU, Australia
 - Prof. Apparao M. Rao, Clemson Univ., USA
 - Prof. Ravindra Pandey, MTU, USA
 - Prof. Liming Dai, UNSW, Australia
 - Prof. Rajeev Ahuja, IIT Ropar
 - Prof. Xe Ziang Shen, NTU, Singapore
 - Prof. Gonzalo Gutierrez, Univ. of Chile
 - Prof. Y.K. Mishra, SDU, Denmark
 - Prof. Ajay Kumar Mishra, UWC, S. Africa
 - Dr. Guilia Monteleone, ENEA Italy
 - Dr. Aruna Ivaturi, UK
 - Dr. R. G. Amorim, Brazil
- Prof. Prashant K. Saraswat, UU, Utah
 - Prof. Sangeeta Sharma, FU, Germany
 - Prof. Hasitha Mahabaduge, GU, USA
 - Dr. Ralph Scheicher, UU, Sweden
 - Prof. Narayan Adhikari, TU, Nepal
 - Prof. Alexander R. Roche, UNESP, Brazil
 - Prof. Andrey Chibisov, RAS, Russia
 - Prof. Udomsilp Pinsook, CU, Thailand
 - Prof. Ranjit Pati, MTU, USA
 - Dr. Vinod Kumar Sharma, ENEA, Italy
 - Prof. Damian Kowalski, Poland

SUBMISSION & PUBLICATION

Those intending to participate and present their work at CANDEE-2026 should submit the extended abstract in the prescribed format through the conference's online submission process at <https://profanurag.in/IC/candee26>, by 15th September 2026 at the latest.

The abstract submission can also be made via conference email: candee.iiitmg@gmail.com.

The papers presented, after blind peer review, will be recommended for publication in scientific proceedings/Journals (SCI and SCOPUS).

Special Sessions

Quantum Materials | Clean and Green Energy | Women in Science | Nano Startups

Conference Website: <https://profanurag.in/IC/candee26>

WORKSHOP

Pre-Conference Workshop

04th December 2026

A special workshop will be organized one day before the conference, where experienced faculty members and experts will provide hands-on training on essential scientific tools crucial for modern scientific research.

Tools Covered: LaTeX | MATLAB | ATK-VNL | Gaussian

Learn from Experts. Enhance Your Research Skills.

REGISTRATION FEE (EXCLUDING GST of 18%)

Category	Up to 30 Sep 2026 Indian/South Asia	After 30 Sep 2026 Indian/South Asia	Up to 30 Sep 2026 Other Countries	After 30 Sep 2026 Other Countries	Online Participant* Indian/South Asia
Industry	₹ 11,000	₹ 15,000	USD 400	USD 450	₹ 3,500
Faculty/Scientist	₹ 6,500	₹ 7,500	USD 235	USD 275	₹ 3,000
Research Scholar	₹ 4,000	₹ 5,000	USD 200	USD 225	₹ 2,000
UG/PG Students	₹ 3,500	₹ 4,500	USD 120	USD 150	₹ 1,500
Accompanying Person	₹ 2,000	₹ 3,000	USD 100	USD 125	-

* Online participants are allowed to attend the talks and inaugural sessions | Offline participants are permitted to attend all the sessions