



5th International Conference on Advances in Nanomaterials and Devices for Energy and Environment (CANDEE-2026)

05th - 06th December 2026



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. Giulia 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 Mahabudage, 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.iitmg@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: ATK-VNL | Gaussian | Quantum Espresso

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
Industry	₹ 11,000	₹ 15,000	USD 400	USD 450
Faculty/Scientist	₹ 6,500	₹ 7,500	USD 235	USD 275
Research Scholar	₹ 4,000	₹ 5,000	USD 200	USD 225
UG/PG Students	₹ 3,500	₹ 4,500	USD 120	USD 150
Accompanying Person	₹ 2,000	₹ 3,000	USD 100	USD 125

Earlier Sponsors:



Contact Person: Prof. Anurag Srivastava (Convener, CANDEE-2026)

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