4th International Conference on Advances in **Nanomaterials and Devices for Energy and Environment** (CANDEE-2025) CANDEE 16-18 November 2025



CANDEE-2025 is the 4th International Conference organized by ABV-IIITM Gwalior, focusing on nanomaterials and devices for energy and environment. It aims to bring together researchers and technologists to share advancements in material synthesis, characterization, and applications. The conference encourages interdisciplinary collaboration among chemists, physicists, biologists, and engineers. Key themes include smart materials, high-performance computing, and simulation-based material discovery. This event also marks 17 years of the Advanced Materials Research Group and 27 years of ABV-IIITM Gwalior's academic excellence.

IMPORTANT DEADLINE

- Abstract Submission Opening : 20th June 2025
- Abstract Submission Closing : 15th August 2025
- Acceptance Notification : 16th August 2025
- 🔿 Early Bird Registration Closing : 10th Sep 2025

Conference Website:

https://profanurag.in/IC/candee25

Abstract Template:

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mission		
Registration/Abstract	Registration Fee	

Submission





EXPECTED KEY SPEAKERS

for

- Prof. Chennupati Jagdish, ANU, Australia
- Prof. S.K. Saxena, FIU, USA
- 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, Chile

Track 1:

Advanced Nanomaterials and Functional Devices

- Low-dimensional and 2D Materials
- Functional Materials
- Molecular and nanoelectronics
- Nano Biomedical Devices
- Nanostructured materials for implant applications
- Sensors and actuators

Track 4:

Nanoengineering and Surface Technologies

- Surface engineering and interface nanotechnology
- Spintronics
- Nano Nuclear Materials
- Nanomaterials for energy and nuclear systems

SCOPE OF CONFERENCE

Track 2: Nanotechnology for Energy and Environment

- Nanomaterials for Hydrogen, Fuel Cells and Thermal Energy
- Nanomaterials for energy **Batteries and Supercapacitors**
- Nanomaterials for Solar Cells and Photovoltaics
- H₂ production, cleaning and Storage
- CO₂ conversion and Air pollution control
- Nanomaterials for Environment **Protection and Remediation**

The tracks mentioned above are indicative. Submissions from other relevant areas of

Track 3:

Agriculture

Agriculture

• Nanomaterials for

Waste management

Nanotechnology in

Sustainability, Food &

• Nanotechnology in Food and

• Soil Pollution and Treatment

agriculture & environment)

environmental remediation

(agricultural & industrial)

• Sensors and actuators (in

nanomaterials, energy, and environmental applications are also welcome.

Submission of Abstracts/papers and Publication:

Those intending to participate and present the work in CANDEE-2025 should submit the extended abstract as per the prescribed format through conference online submission process the at https://profanurag.in/IC/candee25, latest by 15th August 2025.

- Prof. Y.K. Mishra, SDU, Denmark
- Prof. Ajay Kumar Mishra, UWC, South Africa
- Prof. Andrey Chibisov, RAS, Russia
- Prof. Udomsilp Pinsook, CU, Thailand
- 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. Sanjay Puri, JNU, Delhi
- Prof. Neeraj Khare, IIT Delhi
- Prof. Nand Gopal Sahoo, KU Nainital
- Prof. Abir De Sarkar, INST Mohali
- Prof. Biswarup Pathak, IIT Indore
- Dr. O P Thakur, SSPL DRDO Delhi

• Nano-fluidics and Integrated **Bio-chips**

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

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

Registration Fee (Including 18% GST)

Category	Upto 10 September, 2025		After 10 September, 2025	
	Indian/ SouthAsia	Other Countries	Indian/ SouthAsia	Other Countries
Industry	₹ 11,800	USD 350	₹17700	USD 450
Faculty/Scientist	₹ 6490	USD 225	₹7670	USD 275
Research Scholar	₹ 4720	USD 175	₹ 5900	USD 225
UG/PG students	₹ 3540	USD 100	₹4720	USD 125
Accompanying Person	₹ 3540	USD 100	₹4720	USD 125

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