



National Conference

on

Advances in Applied Physical Sciences – 2025 (NCAAPS-2025)

4 – 6 December, 2025



Organized by
Department of Physics
(under RUSA 2.0)
University of Jammu, Jammu

About the University: Established in 1969 under the Kashmir and Jammu Universities Act, the University of Jammu is accredited with an 'A++' Grade by NAAC. Nestled at the foothills of the Trikuta mountains along the river Tawi, it is dedicated to excellence in teaching, research, and knowledge transfer, contributing to regional and national development. The University provides quality education, fosters holistic student growth through academics, sports, and cultural activities, and emphasizes democratic values. With state-of-the-art facilities and focus on applied and technological research, it conducts examinations, grants degrees, affiliates colleges, and confers academic and honorary distinctions. Open to all, it embodies knowledge, virtue, and enlightenment, carrying forward its vision of leading people from darkness to light.

About the Department: Established in 1967 under the University of Jammu and Kashmir and incorporated into the University of Jammu in 1969, the Department of Physics is a premier center for teaching and research. It offers four specializations in frontier areas, supported by state-of-the-art research and postgraduate laboratories. Research activities are of international standard with active national and global collaborations resulting in quality publications and academic exchanges. The Master's program follows the UGC-recommended curriculum, as per NEP – 2020 enriched with cutting-edge research topics such as nanotechnology, quantum chromodynamics, heavy-ion physics, solid-state materials, and communication electronics. Pre-Ph.D Course includes Research Methodology and Ethics. The department emphasizes innovative teaching with IT-enabled classrooms, seminar halls, and a FIST and RUSA supported computer lab, complemented by high-speed internet, Wi-Fi, and INFLIBNET access. Eminent scientists are regularly invited for lectures to expose students to global advancements, while observance of national and international days fosters scientific spirit and holistic development.

Patron

Prof. Umesh Rai, Vice Chancellor, University of Jammu

National Advisory Committee

- Prof. Mahavir Singh (VC, Himachal University, Shimla)
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Convener

Prof. K. K. Bamzai

(Head, Dept. of Physics, University of Jammu)

Organizing Secretary

Dr. Sandeep Arya

(Associate Professor, Dept. of Physics, University of Jammu)

Objectives of the Conference:

- To highlight recent developments, innovations and emerging trends.
- To promote interdisciplinary collaborations among academic institutions, research laboratories, and industries.
- To encourage young researchers and postgraduate students to present their work and interact with experts.
- To foster academia and research linkages.

Sub-themes and Focus Areas: The conference will cover a wide range of topics but not limited to:

- Condensed Matter and Materials Science
- Experimental High Energy Physics
- Experimental and Theoretical Nuclear Physics
- Theoretical and Computational Physics
- Functional Semiconductors and Thin Film Applications
- Advanced Nanomaterials and Nanotechnology
- Electrochemical Energy, Sensing and Conversion Devices
- Photonics, Lasers, and Optoelectronics
- Emerging Interdisciplinary Approaches in Applied Physics



National
Research
Foundation



Funds Requested

About the Conference

The National Conference on Advances in Applied Physical Sciences (NCAAPS-2025) aims to bring together leading researchers, academicians, and students across different disciplines of Physics, to exchange and share their experiences, research findings, and new ideas in the area of Applied Physical Sciences. The conference will cover interdisciplinary areas, focusing on nanomaterials, energy harvesting and storage, sensors, photonics, and computational physics, fostering collaboration between academia and industry.

Registration Fee

Student: Rs. 500/-
Research Scholar: Rs. 700/-
Faculty/Scientist: Rs. 1500/-
Delegate from Industry: Rs. 3000/-



Registration is mandatory to submit the abstract and can be done using QR code. The registration fee will be accepted through online mode only. For bank details please visit the website.

For more details please visit

<https://sites.google.com/view/physicsconference2025/home>

Important Dates

- Abstract Submission Deadline: November 12, 2025 (Extended)
- Full Paper Submission: November 25, 2025
- Notification of Acceptance: November 15, 2025
- Registration Fee Deadline: November 20, 2025
- Conference Dates: 04 – 06 December 2025

Accommodation will be provided as per actual charges on the request of delegates.

Abstract Format

Abstracts should be limited to 250–300 words, typed in Times New Roman, 12-point font, single spacing. The abstract must include:

Title (bold, 14-point)

Author(s) name(s) and affiliation(s) (12-point)

Email address of corresponding author

Keywords (3–5)

Full-length papers will be considered for publication in Scopus-indexed journals after peer review.

Contact Information

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