

The National Academy of Sciences, India (Abstracts Accepted- Physical Sciences)

General Instructions for Presentations

Oral Presentation: Maximum allotted time - 15 minutes (including discussions).

Poster Presentation: Kindly bring a single poster with a maximum size: 3 ft × 3 ft for presenting your research work during the session.

Abstract No.	Name	University/Intitute	Title	Mode of Presentation
P-1	Abhay Yadav	Department of Chemistry, Institute of Basic sciences, Dr. Bhimrao Ambedkar University, Agra	<i>Microwave Assisted Green Synthesis, characterization and antibacterial activity of silver nanoparticles</i>	Poster
P-2	Abhi Sarika Bharti	Department of Applied Science & Humanities, Institute of Engineering & Technology, Dr. Shakuntala Misra National Rehabilitation University, Lucknow	<i>Detection of the spectroscopic biomarkers of the copperoxide nanoparticles treated Allium satium plant by confocal Raman microspectroscopic technique</i>	Poster
P-3	Abhishek Kumar Saroj	Department of Electronics Engineering, IIT (BHU) Varanasi	<i>A Review of Biomedical Antennas: Current Role in Healthcare Industry and Research Area</i>	Poster
P-4	Abhishek Sharma	Department of Basic Applied Science, NIT Arunachal Pradesh	<i>Enhancing Thermal Efficiency in Solar Collectors Using Second-Grade Nanofluid Flow with AI-Based Neural Networks</i>	Poster
P-5	Aishwary Awasthi	Department of Physics, Saha's Spectroscopy Lab, University of Allahabad, Prayagraj	<i>Machine learning and deep learning assisted confocal micro Raman spectroscopy for monitoring mung plant responses to silicon dioxide nanoparticles</i>	Poster
P-6	Ajit Kumar Maddheshiya	Department of Physics, University of Allahabad, Prayagraj	<i>Scanning Acoustic Microscopy: Visualizing the Internal Structure of Materials</i>	Oral
P-7	Amit Kumar	Department of Physics, Himachal Pradesh University, Summer Hill, Shimla	<i>Thermodynamic Behavior of Al₅₃ Nanoparticles via Machine Learning</i>	Poster
P-8	Amulya Sinha	Department of Chemistry , Ewing Christian College, University of Allahabad, Prayagraj	<i>Multicomponent Ecofriendly Synthesis and Biological Applications of 4-arylidine isoxazolidinones</i>	Poster
P-9	Anmol Kumar	Department of Chemistry, Ewing Christian College, University of Allahabad, Prayagraj	<i>pH-Responsive Amphiphilic Hydrogels: Drug Delivery Systems</i>	Poster
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P-11	Aradhana Tripathi	Department of Physics, Saha's Spectroscopy Lab, University of Allahabad, Prayagraj	<i>Spectroscopic Evaluation of Alteration in Biochemical Profile of the Leaves of Maize Seedlings Due to the Impact of Iron Oxide Nanoparticles</i>	Poster
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