



COCHIN UNIVERSITY OF
SCIENCE AND TECHNOLOGY

PRE-CONFERENCE WORKSHOP
11 FEBRUARY 2025

The 4th International Conference on
Optoelectronic and Nanomaterials for Advanced Technology

iconMAT 2025

VENUE : AUDITORIUM, DEPARTMENT OF PHYSICS, CUSAT

Our Speakers



Prof. Vandana Sharma
IIT- Hyderabad



Dr. Senoy Thomas
Physics, CUSAT



Prof. Pradeep R Nair
IIT - Bombay



Dr. Shibu M Eappen
STIC, CUSAT

Followed by Lab Visit & Technical Demonstration

Jointly Organized by



Department of physics (DOP)
centre of excellence in advanced materials (CAM)
Sophisticated Test and Instrumentation Centre (STIC)

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Limited Seats Available

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Registration Fee : 500/-

Technical Programme Schedule

11 February, 2025

8.00 - 9.00	Pre-conference Registration
9.00 - 10.30	<p>Talk 1</p> <p>Prof. Pradeep R Nair</p> <p>Dept of Electrical Engineering, Indian Institute of Technology Bombay</p> <p>“Material and device characterization for optoelectronics”</p>
10.30 - 10.45	Tea break
10.45 -11.45	<p>Talk 2</p> <p>Prof. Vandana Sharma</p> <p>Institute of Technology, Hyderabad</p> <p>“Imaging the unseens: From atomic to medical Imaging”</p>
11.45 - 12.45	<p>Talk 3</p> <p>Dr. Senoy Thomas</p> <p>Department of Physics, Cochin University of Science and Technology</p> <p>“X-ray photoelectron spectroscopy: principles and applications”</p>
12.45 - 13.30	Lunch
13.30 - 14.30	<p>Talk 4</p> <p>Dr. Shibu M Eappen</p> <p>Sophisticated Test and Instrumentation Centre (STIC), CUSAT</p> <p>“Analytical Techniques in Material Science: Exploring XRD, FTIR, and Electron Microscopy”</p>
14.30 - 16.30	<p>Lab Visit & Technical Demonstration</p> <p>at SAIF-STIC and the Department of Physics, Cochin University of Science and Technology</p>
16.30	Tea