



Kalindi College



University Of Delhi
NAAC ACCREDITED GRADE 'A+'

Summer Research Internship Program

NanoXplore 2026: Bridging Theory & Practice in Nanomaterials

10th June - 10th July, 2026

Limited 40 seats - First-cum-first-basis

Non-Residential

Registration Fee: 1000/-

In Hybrid Mode

Highlights:-

1. Synthesis of Nanoparticles
2. Thin Film Fabrication using Spin Coating
3. Ceramic Pellet Preparation
4. Surface Plasmon Resonance
5. Bio-molecular Sensing
6. Optical Characterization
7. Guided Mini-Projects & Certificate on Completion

For Registration scan the QR code

Registration deadline: 21st May, 2026



Mr. Kapil Kumar
Convener
Department of Physics



Dr. V. Bhasker Raj
Convener
Department of Physics



Dr. Varsha
Coordinator
Department of Physics



Dr. Savita Sharma
Coordinator
Department of Physics



Prof. Meena Charanda
Principal
Kalindi College

Contact Us:

kcphysicsinternship@gmail.com

Open to students of:

- B.Sc. (Hons.) & B.Sc. Program students of IInd, IIIrd & IVth Year
- M.Sc. Physics students
- B.Tech. & M.Tech. Students related to the field

Registration Link: <https://forms.gle/FYDAj41Tmn1TgfEP8>

Objectives:

- To introduce students to the fundamental principles of nanoscience and nanotechnology.
- To provide practical training in the synthesis of nanoparticles and the fabrication of thin films and ceramic pellets.
- To impart skills in optical characterization techniques and data interpretation.
- To motivate students to pursue research through guided mini-projects.
- To promote interdisciplinary learning among Physics and Engineering students.

Learning Outcomes:

By the end of the internship, students will:

- Acquire conceptual and practical knowledge in nanomaterials science.
- Learn key synthesis and fabrication techniques used in material research.
- Develop competence in analyzing experimental data.
- Enhance their readiness for research internships, higher studies, and industrial roles.
- Receive a Certificate of Completion from the Department of Physics, Kalindi College.

Eligibility Criteria:

- Students enrolled in B.Sc. (Hons. & program) (2nd, 3rd & 4th Year), M.Sc. Physics, B.Tech., or M.Tech. in related disciplines (Physics, Materials Science, Nanotechnology, etc.).
- A strong interest in experimental physics/material science.
- No. of seats available 40; selection will be on first come first serve basis.

Certification:

Participants who fulfill the attendance requirements of minimum 75%, complete the laboratory assignments, and submit a project report will receive an official Certificate of Participation.

Other Details:

- Duration: 60 hours including both theory and practical (in Hybrid Mode).
- The internship will be held at the Department of Physics, Kalindi College, East Patel Nagar, New Delhi-110008.
- It is compulsory for selected students to submit NOC from the institute currently enrolled in (If applicable).
- Rules and regulations of Kalindi College will be followed during the entire period of internship.