



DEPARTMENT OF CHEMISTRY
KALINDI COLLEGE
UNIVERSITY OF DELHI



SUMMER RESEARCH INTERNSHIP PROGRAMME

Fundamentals of Nanotechnology
Spectroscopic Technique
Software Training

ABOUT THE INTERNSHIP

The internship programme aims to offer learner-centric, skill-oriented technical training with the main goal of enhancing graduate and postgraduate student's academic and employability skills. It offers new perspectives for the design and synthesis of novel materials used in electronics and biological screenings at ultra small scales. It further includes hands-on training in chromatographic techniques like column, HPLC, GC and software training programme.

OBJECTIVE

- Introduction about recent advances in nanotechnology and application.
- Size and shape controlled synthesis of nanomaterials by different synthesis method and their future application in industry.
- Impart foundational knowledge of nano science and related fields.
- To train students in handling of the instruments that are required for nano material synthesis.
- Separation & Spectroscopic techniques (Column chromatography, HPLC & GC)
- Software training programme (ChemDraw, Origin & Mendeley)
- Experiential learning
- Research lab visit

Venue

Department of Chemistry
Kalindi College, University of Delhi
East Patel Nagar, New Delhi, 110008

Registration Fee: Rs 1000/-

To be paid after screening and
confirmation of registration

Registration link:

<https://forms.gle/LoWh2HQ36ut6nwuS9>

ELIGIBILITY

Students enrolled in graduation or completed graduation and / or post-graduation with Chemistry as one of the subjects.

No. of seats available: 20

**Selection will be on first come
first serve basis.**

OTHER DETAILS

- **Date of commencement: 9th June 2024**
- **Duration: 60 hours including 30 hours theory and 30 hours practical.**
- **Course completion certificate at the end of internship.**
- **Minimum attendance 85 %**
- **Last date for submission of applications: 20th May 2024**

Terms and conditions

- Rules and regulations of Kalindi College will be followed during the entire period of internship.
- It is compulsory for selected students to submit NOC from the institute currently enrolled in (If applicable).

For More Information contact 9460168909
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Department of Chemistry

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Convenors Internship Programme

Dr. Shilpika B Mehta
Coordinator
Internship Programme

Prof. Meena Charanda
Principal
Kalindi College