



SHIROMANI GURUDWARA PARBANDHAK COMMITTEE'S

**GURU NANAK KHALSA COLLEGE OF ARTS,
SCIENCE AND COMMERCE (Autonomous)**

Matunga, Mumbai, India 400 019

(Affiliated to University of Mumbai and Recognized by Government of Maharashtra)
NAAC Reaccredited 'A' Grade: CGPA 3.54

**25th Workshop on
Chromatography & Spectroscopy Techniques
(26th to 30th Dec 2025)**



Organized By

Guru Nanak Institute Of Research And
Development (GNIRD) In Collaboration With IQAC



About Guru Nanak Institute of Research and Development (GNIRD):

Guru Nanak Institute of Research and Development (GNIRD) established in 2005, is the central research wing of the college. GNIRD, established under the aegis of Late Dr. R.T. Sane, has the distinction of being one of the few institutes that can boast of state-of-art instrumental facilities to cater to different requirements of interdisciplinary research. As a policy, GNIRD, in addition to carrying out research activities, extends its facilities and expertise to academic institutions and students who wish to upgrade their knowledge and avail the opportunity through way of workshops and training at nominal charges.

❖ Courses:

- Ph.D. (Chemistry)
- Ph.D. (Bioanalytical Sciences)
- M.Sc. Nutraceuticals
- M.Sc. Bioanalytical Sciences
- M.Sc. Bioinformatics
- Five-year integrated course in Bioanalytical Science.

❖ Previous Workshops:

- ✓ Workshop on Spectroscopy & Chromatography ✓ Workshop on Computational Biology.
- ✓ Certificate Course in Sensory Evaluation of Food, HACCP and FOSTAC
- ✓ Certificate Course in IPR Issues and Patent claim drafting

✓ Certificate course in Cosmetology

❖ **About the workshop:**

This workshop is designed for students for getting enriched with the fundamental theoretical concepts and applications from the industrial point of view. Also, for industry professionals wishing to expand their skills sets. This workshop will also sharpen the knowledge about fundamental aspects of spectroscopy, recent developments and fields of applied spectroscopy.

❖ **Highlights of the workshop:**

- Explanatory series by renowned speakers from industry and academia.
- Certificate will be provided to those with full attendance in lectures as well as in practical in the end of workshop.
- **Three credit** points will be given to **UG/PG** students after attending complete workshop.
- E-course material will be provided.

❖ **Objectives of the workshop:**

- ✓ Hands-on training & applications of Analytical Instruments: **HPTLC, UV Spectrophotometer, HPLC, GC, demonstration of LCMS.**
- ✓ **HPTLC** instrumentation, Method development & Validation parameter.
- ✓ Understanding components & software of **HPLC** instrument & Validation parameter.
- ✓ Quantitative analysis of volatile sample followed by one parameter of validation using **Gas Chromatography.**

- ✓ Quantitative analysis using **UV Spectrophotometer & Validation Parameter.**
- ✓ Demonstration and interpretation in **LCMS.**

❖ **Important points :**

- 🧪 Lectures given by working professionals in their respective field.
- 🧪 Hands on training for **analytical techniques & software** from experts.
- 🧪 Workshop will cover **advance chromatography & spectroscopy techniques.**

🧪 **Advance Chromatography Techniques including HPTLC, UV Spectrophotometer HPLC, GC, LCMS.**

- 🧪 Date of Workshop: **26th - 30th Dec 2025.**
- 🧪 Workshop Timing: **09:00 AM To 06:00PM.**
- 🧪 Last date of Registration: **23rd December 2025 till 09:30PM.**
- 🧪 Admission on first come first serve basis (**Limited Seats Only**).
- 🧪 E-study material and PPTs will be provided.
- 🧪 Venue: **GNIRD, Guru Nanak Khalsa College, Matunga, Mumbai, 400019.**
- 🧪 Certificate will be provided to those with full attendance in lectures & practical sessions.



❖ **Fees For the Workshop: 3500/- & for Inhouse Students: 3000/-**

➤ **Mode of payment:**

1. **CASH:** Payment will be accepted on working days from 9.00am to 3.00 pm at GNIRD Department by **Ms. Ankita Singh** .

2. **Online Payment Details:**

• **UPI ID:**

tanujassawant00@okhdfcbank

• **Contact Details:**

Ms. Tanuja Sawant -9082321989

Ms. Ankita Singh -95792 71936



UPI ID: tanujassawant00@okhdfcbank

➤ **Note:** For group booking of students (Minimum 5 students in a group) a discount of 5%, (Minimum 10 students in a group) a discount of 10% on the above-mentioned fee will be provided to all the group members.

➤ Last date of Registration: **23rd December 2025** ➤ Link
for Workshop Registration:

<https://forms.gle/W4mGnuiCQBiPtdHy9>

After successful registration & payment, participant will be asked to join WhatsApp group for further details. (Link will be provided through E-mail by Co-ordinators)

