

**Drug and Pollution Testing Laboratory (DPTL)**  
**Guru Nanak Dev University, Amritsar**  
**Organizes**  
**Short Term Training Programs**



**Drug and Pollution Testing Laboratory (DPTL)**  
**GURU NANAK DEV UNIVERSITY AMRITSAR**

(Established by the State Legislature Act No. 21 of 1969)

Accredited by National Assessment and Accreditation Council (NAAC) at A++ grade  
(Highest level as per modified criteria notified on 27.07.2017)

University with Potential for Excellence (University Grants Commission)

"Category-1" University (University Grants Commission F. No. 1.8.2017 (CPP-II)

Dated 12.02.2018)

## ***Introduction***

Guru Nanak Dev University was established on November 24, 1969 to mark the birth Quincentenary of "Sri Guru Nanak Dev Ji", the founder of Sikhism. The University upholds the teachings and values of the Guru, the apostle of universal brotherhood, truthfulness, non - violence, compassion, tolerance, harmony, humanity, who strictly observed moral and ethical values in daily life.

Ever since its foundation the endeavor of the University has always been to meet the objectives enshrined in the Guru Nanak Dev University Act 1969, which emphasize that the new University would make provisions for imparting education and promoting research in the humanities, learned professions, Sciences, especially of applied nature and technology. Hence, it has been promoting education in such fields as Basic and Applied Sciences, Arts, Management, Information Technology, Media, Industrial Technology, Environment, Planning and Architecture Studies. In addition, research on the life and teachings of Guru Nanak Dev ji, promotion of Punjabi language and spreading education among educationally backward classes and communities are its other commitments.

GNDU University Accredited by National Assessment and Accreditation Council (NAAC) at A++ grade (Highest level as per modified criteria notified on 27.07.2017) University with Potential for Excellence (University Grants Commission) "Category-1" University (University Grants Commission F. No. 1.8.2017 (CPP-II) dated 12.02.2018). Guru Nanak Dev University, Amritsar, has become the only university of Punjab to get the elite "Category-1" status by the University Grants Commission (UGC), giving autonomy to open new departments, courses, schools, off-campus facilities and open distance learning programmes, besides the freedom to hire foreign faculty without the UGC's approval. With the motto of the University as engraved on its emblem 'Guru's wisdom illumines all', the University has been leaving no stone unturned to meet the aspirations and expectations of the society. Spread over area of 500 acres towards the west of the city, Guru Nanak Dev University presents a picture of modern architecture. The University today boasts of 38 teaching departments at the Campus and 161 affiliated university and constitute colleges and 68 Associate Institutes, many of which are located in the rural areas so as to make quality Higher Education accessible to the rural masses.

# ABOUT THE TRAINING PROGRAM

Short Term training program on ‘Environmental Analytical Techniques’, during ....., will cover the following aspects:

1. Water and Wastewater analysis
2. Air Monitoring and Analysis
3. Instrumental Methods of Analysis like AAS, UV-VIS spectrophotometer, Ion Analyzer, GC etc.
4. The training program will be delivered through lectures, workshop sessions and field visits.

## TARGET

- (a) Analyst/ Staff working in any Industry,/Academia/Govt organization etc.
- (b) Students who are enrolled in any UG/PG Programmes and faculty members can take this course during summer/winter holidays when it is offered.
- (c) The candidates would be selected on first cum first serve basis. Referral letter from the concerned industry/ organization is must.
- (d) For category (a), NOC from concerned HOD/Dean/Director etc is necessary.

## PROGRAM FEE

- A demand draft of Rs.10000/- in favor of the Registrar, Guru Nanak Dev University, Amritsar payable at Amritsar has to be attached with the Registration Form.
- Course fee includes only program fee and course material (CD).

## LODGING AND BOARDING

- On the request of the participants, DPTL can make lodging and boarding arrangements in the Guru Nanak Dev University on payment basis.

## NO. OF PARTICIPANTS

- Minimum of 10 participants.

## CERTIFICATE

- On the successful completion of the course Certificate of Participation shall be given by the University.

## **About Drug and Pollution Testing Laboratory (DPTL)**

*Drug and Pollution Testing Lab (DPTL), was set up for providing a very wide range of testing services independently. DPTL has the main objective of having a central facility in the Guru Nanak Dev University Campus to carry out high end testing, consultancy & research. In addition to research programs, it was envisaged to have state of the art testing & characterization facility to cater to the high end testing needs of the industrial organization as well as educational institutes of the region. The Government of India is strongly committed to improving the quality and safety of drugs and control of pollution in the country. A number of initiatives have been taken in last few years to improve the capacity of testing laboratories and to upgrade systems and procedures. With the increasing pace of industrialization, the need for continuous monitoring of pollution due to industrial sources has become significant. Industries are required to provide pollution control measures to meet the standards prescribed by Government. At present, DPTL Labs is mainly involved in drug testing and environmental pollution monitoring of different industries and environmental samples in addition to consultancy in the area of environment pollution and drug product development.*

## **Objectives**

- *To provide analytical, technical, consultancy services*
- *Extension of basic research to specific applications involving novel products, processes, techniques or devices*
- *Researching with the object of developing and designing new and/or improved techniques and/or methods for controlling and/or reducing environmental pollution- water pollution, air pollution or any other pollution – caused particularly by industries*
- *To discover and develop methods for the beneficial utilization of natural resources*
- *To organize and foster the training of research workers in the fields related to its objects and to undertake training programs*

*DPTL labs have the main objective having central facility in the Guru Nanak Dev University campus to carry out high ending testing, consultancy & research. In addition programs, it was envisaged to have state of the art testing & characterization facility to cater to the high end testing needs of the industrial organization as well as educational institutes of the region.*





## SERVICES

- ❖ *Pharmaceutical Testing*
- ❖ *Herbal Testing*
- ❖ *Cosmetic Preparation Testing*
- ❖ *Water Testing*
- ❖ *Air Pollution Testing*
- ❖ *Consultancy*
- ❖ *Training*

## Coordinator

Prof.(Dr.) Preet Mohinder Singh Bedi  
Drug and Pollution Testing Laboratory (DPTL)



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