

About Us

Guru Nanak Dev Engineering College, Ludhiana, is one of the largest, oldest and government-aided institutes in North India. The college was established in 1956 and is approved by the National Board of Accreditation (NBA) and the All India Council for Technical Education (AICTE).

This college is eligible under Sections 2(f) and 12(B) of the UGC Act, 1956, and is recognized by NAAC with an 'A' grade. Inspired by the teachings of its founder, Sri Guru Nanak Dev Ji, this institution provides technical and managerial education through B.Tech, M.Tech, Ph.D., B.Arch, B.Voc. (Interior Design), BCA, MCA, BBA, MBA, and B.Com. (Entrepreneurship) programs.

For over 70 years, students who have studied in various departments of the college have earned national and international recognition in diverse fields of engineering and management.

About the Workshop

This AICTE-ATAL Six Days Faculty Development Programme (FDP) on “Advances in Waste Management Technologies & Experiential Learning” is designed to provide participants with in-depth knowledge of modern waste management practices and sustainable technologies. The programme blends theoretical understanding with practical exposure through expert lectures, case studies, demonstrations and hands-on sessions. The workshop promotes interdisciplinary learning and aims to bridge the gap between theory and practice. It will enable participants to effectively integrate these concepts into teaching, research and real-world applications, while encouraging innovation, sustainability and environmental responsibility.

Travel Information

- 90 km from Chandigarh Airport
- 7 km from Ludhiana Railway Station
- 7 km from Ludhiana Bus Stand

Map:

<https://maps.app.goo.gl/YVwRKmXPr7hXYSNo9>



Six Days Faculty Development Programme

on

Advances in Waste Management Technologies & Experiential Learning



Sponsored under AICTE-ATAL Scheme

October 12th -17th, 2026

PATRON

Prof. (Dr.) Sehijpal Singh
Principal

CONVENOR

Dr. Harpreet Kaur Grewal
Professor & HoD, Applied Sciences

COORDINATOR

Dr. Rajvir Kaur Sraw

Organized By

Department of Applied Sciences

Guru Nanak Dev Engineering College

Gill Park, Gill Road,
Ludhiana- 141 006 (Punjab)

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Subject Experts

Dr. Inderdeep Singh

Professor, Department of Mechanical and Industrial Engineering,
IIT Roorkee, India.

Dr. Harpreet Singh

Professor, Department of Mechanical Engineering,
IIT Ropar, Punjab.

Dr. Narinder Singh

Professor, Department of Chemistry,
IIT Ropar, Punjab.

Dr. Dhiraj K. Mahajan

Professor, Department of Mechanical Engineering, IIT Ropar, Punjab.
Director, Ares System and BodyLoop Labs.

Dr. Sehijpal Singh

Principal, Guru Nanak Dev Engineering College, Ludhiana, Punjab
Professor, Department of Mechanical and Production Engineering

Dr. Rajeev Kumar

Professor, Department of Environmental Studies,
Panjab University, Chandigarh.

Dr. Manpreet Kaur

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Associate Professor, Department of Chemistry,
Punjabi University, Patiala.

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Assistant Professor, Department of Metallurgical and Materials Engineering,
IIT Ropar, Punjab.

Mr. Kawaljit Singh

Managing Director, Texla Plastics and Metals,
Ludhiana, India.



Objective

- To familiarize participants with recent advances in waste management technologies and sustainable practices.
- To highlight national and global initiatives such as the Swachh Bharat Mission and circular economy frameworks.
- To provide hands-on training in modern tools, techniques, and applications for effective waste handling and resource recovery.
- To bridge the gap between theory and practice through experiential learning, case studies, and demonstrations.
- To promote interdisciplinary approaches for addressing challenges in solid, liquid, and hazardous waste management.
- To enable participants to integrate waste management concepts into teaching, research, and community outreach.



Eligible Applicants

Faculty from technical/educational institutions, Research scholars, Industry Professionals and Persons from Research Organizations.



Registration (THERE IS NO REGISTRATION FEE)

- The last date for online registration is **8th OCTOBER 2026**
- Accommodation facility will be available to participants at a fixed price.
- TA will be provided to participants, excluding in-house participants, as per AICTE rules.
- How to Apply
 - a. Participants are required to apply through the AICTE ATAL Academy portal:
 - b. Visit <https://atalacademy.aicte.gov.in/login>
 - c. Login/Register with your credentials
 - d. Under the **FDP** section **_Select FDP Type_ i.e. ATAL OFFLINE.**
 - e. **_Select Month_ i.e. October.**
 - f. **FDP Application Number: _1775149105_ (12th Oct-17th Oct)**
 - g. To download the NOC Format. [LINK](#).



Contact Us

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