

## About Institute

Guru Nanak Dev Engineering College (GNDEC), Ludhiana, established in 1956, is one of the oldest and a premier Engineering Institute of India. The Institute is set up on 88 acres of sprawling pristine land along SH 11, i.e. Gill Road (Ludhiana-Malerkotla Highway). The foundation stone of the college was laid by Honourable Dr. Rajendra Prasad Ji, President of India on April 8, 1956. GNDEC is now an autonomous college under UGC Act 1956 [2(f) and 12(B)] and also accredited by NAAC with 'A' grade. The Institution has seven Under-Graduate (UG) programmes, thirteen Post-Graduate (PG) programmes, besides being a QIP centre for Ph.D.

## About Department

Computer Science & Engineering Department was established in 1997. Department is currently offering undergraduate and postgraduate programmes with an intake of 180 and 18 respectively. Ph.D. programme is also being offered in the department. The department has various laboratories equipped with state-of-the-art computing facilities to support the research and teaching activities. The research activities in the department involve fields like natural language processing, image processing, big data, cloud computing, software engineering, network security, etc.

## Address for Correspondence

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**I. K. Gujral Punjab Technical University, Kapurthala**

**Sponsored**

**One Week Faculty Development Programme**

**on**

**Recent Trends and Applications of  
Machine Learning**

**(5<sup>th</sup> - 9<sup>th</sup> March, 2018)**



**Patron**

Dr. Sehijpal Singh, Principal

**Chairman**

Dr. Parminder Singh  
HoD Computer Sci. & Engg.

**Coordinators**

Er. Vivek Thapar  
Er. Sukhjot Singh Sehra

**Organised by**

**Department of Computer Science & Engineering**  
Guru Nanak Dev Engineering College, Ludhiana, Punjab – 141006

[An Autonomous College u/s 2(f) and 12(B) of UGC Act. 1956]

## Objective

Machine learning is the science of getting computers to act without being explicitly programmed. The objective of this FDP is to present recent trends and applications of machine learning. This area is of utmost importance as there is a significant and growing demand for artificial intelligence (AI) professionals and researchers in businesses, public agencies, and non-profits organisations. This FDP would provide participants with the guidelines to explore the area of machine learning and its application. The participants would learn to develop methods for solving problems related to diverse computational fields. This programme will introduce to participants the various skills that go into machine learning, provide practical walk-through of relevant languages, tools and lay down a study plan for moving forward in this field.

## Who can apply?

The FDP is open to all disciplines of engineering and designed for the faculty members from various I.K. Gujral Punjab Technical University, Kapurthala affiliated colleges, who are keen to learn machine learning tools for different research areas.

## Registration

The participants should send through e-mail the scanned copy of the filled and duly signed registration form to the course coordinator on or before **1<sup>st</sup> March, 2018**. The hard copy of the registration form must be submitted on the first day of the program at the registration desk.

## Resource Persons

Resource persons to conduct the programme are experts from industry and academia with excellent track record of accomplishment in technical education, research and out-reach.

## Boarding and Lodging

Accommodation is available in the College Hostels and Guest House on reasonable charges on prior request.

## One Week Faculty Development Programme

### On Recent Trends and Applications of Machine Learning Registration Form

Name (in block letters): \_\_\_\_\_

Educational Qualification: \_\_\_\_\_

Designation: \_\_\_\_\_

Department: \_\_\_\_\_

Organisation: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Age: \_\_\_\_\_ Gender (M/F): \_\_\_\_\_

Mobile: \_\_\_\_\_

Email: \_\_\_\_\_

Accommodation Required: Yes/ No

Signature of Applicant: \_\_\_\_\_

Signature of Head of Institute (with date & seal)

**(Important:** By signing above, head of Institute certifies that applicant is a faculty member of IKG PTU, Kapurthala affiliated institute.)