

About the IT Department

An amalgam of Computers and Telecommunications, Information Technology has changed the lives of people globally with applications apparent in every walk of life. Today, the Indian Information Technology sector continues to be one of the sunshine sectors of the Indian economy, showing rapid growth and promise and employing over 2.5 million people in the sector either directly or indirectly. The **Department of Information Technology (IT)** in Delhi Technological University, offers an undergraduate B.Tech course in Information Technology with an intake of 130 students every year. Designed in a way so as to provide the students with fundamental concepts and tools related to the field, the B.Tech (Information Technology) emphasizes on all basic subjects such as operating systems, computer architecture and design, software development, networking, multimedia and graphics, analog and digital communication and computer communications. Also, to meet the demands of higher education, DTU has started post graduate studies in Information Systems from the year 2009-2010, with an annual intake of 21 students. The department has also its own set of PhD research scholars working in different application domains of Information Technology.

About the University



Delhi Technological University (DTU), formerly known as Delhi College of Engineering, is an engineering university located in New Delhi, India. It is one of the oldest engineering colleges in India and Delhi's first engineering college. It was established in 1941 as Delhi Polytechnic and was under the control of the Government of India. The college has been under the government of the National Capital Territory of Delhi since 1963 and was affiliated with the University of Delhi from 1952 to 2009. In 2009, the college was given state university status, thus changing its name to Delhi Technological University. Till the year 2009, DCE shared its admission procedure and syllabus for various B.E courses with their other branch known as Netaji Subhas Institute of Technology, formerly DIT, which were prescribed by Faculty of Technology, University of Delhi.

TEQIP III sponsored
One Week Faculty Development Program



Department of Information Technology
Delhi Technological University
with twinning partner MITS Gwalior

Organizes

Faculty Development Program

**Machine Learning for Pattern
Recognition
(MLPR-2019)**

From

10th June 2019 to 14th June 2019

Prof. Kapil Sharma (HOD (IT), General Chair)
Dr. Seba Susan (Course Coordinator)
Ms. Geetanjali Bhola (Co-coordinator)

At

Department of Information Technology
Delhi Technological University,
Shahbad Daultapur, Bawana Road,
Rohini Sector-16, Delhi-110042

About the Course

Latest advances in the topic **Machine Learning for Pattern Recognition** with a wide range of applications in image processing, video analytics, speech processing, natural language processing and data mining. Hands-on experience on implementation of Machine Learning and Pattern Recognition problems through relevant software to be included as a part of the laboratory sessions. All faculty and research scholars working in the relevant research area, from AICTE recognized colleges, are eligible to apply.

Main Topics to be covered

1. Deep learning for Pattern Recognition
2. Machine Learning in Image Processing
3. Machine Learning for social media posts
4. Machine Learning in speech analysis
5. Machine Learning in Computer Vision
6. Machine Learning with IoT/BIG data
7. Machine Learning in Natural Language Processing
8. Machine Learning in data science

Note: Only Limited seats are available to be allotted on first come first serve basis. No registration fees are involved. No TA will be paid to the participants. Last date of applications is **7th June 2019**. The selected candidates will be published in the website and informed by email by **8th June 2019**. Please note that complete attendance for all the sessions on all five days is necessary for the certification.

Main Objectives of this course

1. Introduce participants to the latest advancements in the field of Machine Learning for solving Pattern Recognition problems in a variety of application domains.
2. Exploring real-world engineering applications where Machine Learning is significant.
3. Discussion on research issues and challenges and possible solutions.
4. Hands-on experience in solving Pattern recognition problems through Machine Learning tools in the laboratory sessions.
5. Enriching the knowledge and experience of the participants through interaction with experts in the field.

The Organizing committee of MLPR-2019

1. Prof. Yogesh Singh
(Vice-chancellor, Chief Patron)
2. Prof. S.K. Garg
(Patron)
3. Prof. Anu Singh Lather
(Patron)
4. Prof. Kapil Sharma
(HOD(IT), General Chair)
5. Dr. Seba Susan (Coordinator)
6. Ms. Geetanjali Bhola (Co-coordinator)
7. Dr. Dinesh K. Vishwakarma
8. Ms. Ritu Agarwal
9. Ms. Anamika Chauhan
10. Mr. Jasraj Meena
11. Ms. Priyanka Meel

Contact details:

Course Coordinator: Dr. Seba Susan
(Associate Professor, IT) Mob: 9868850209
Co-Coordinator: Ms. Geetanjali Bhola
(Assistant Professor, IT) Mob: 9818133708

Registration Form (MLPR-2019)

1. Name.....
2. Gender (M/F).....
3. Address.....
.....
4. Affiliation.....
5. Department... ..
6. Designation.....
7. Qualification.....
8. Research Area.....
9. Email.....
10. Mobile

Place: Signature of the applicant

Date:

Signature and seal of Head of Institute

Note:
The completed form duly signed should be scanned and forwarded to the email of the coordinator at MLPRdtuIT@gmail.com latest by 7th June 2019.