

REGISTRATION FORM

TEQIP-II sponsored
ONE WEEK
FACULTY DEVELOPMENT PROGRAMME
ON

RECENT TRENDS IN PATTERN ANALYSIS & MACHINE LEARNING

11TH TO 15TH JULY, 2016

- Name :(in CAPITAL) _____
- Date of Birth: _____
- Gender: _____
- Designation: _____
- Organization/Institution: _____
- Qualification: _____
- Experience (in Years):
 - Teaching: _____
 - Industry: _____
 - Research: _____
- Mailing Address: _____
- Mobile No.: _____
- E-mail ID: _____
- Accommodation Required: Yes/No

Declaration

The above information provided is true to the best of my knowledge. If, selected, I agree to abide by the rules and regulations of the course and shall attend the course for the entire duration. I also undertake the responsibility to inform the Coordinator in case, I am unable to attend the course.

Date: _____
Place: _____
Signature of applicant

Head of the Institution/Organization with seal

Course Coordinator

Dr. Dinesh K. Vishwakarma

Co-coordinators

Sh. M. S. Choudhry

Sh. Rajesh Birok

Address for Correspondence

Coordinator, FDP, RTPAML-2016

Department of Electronics and Communication Engineering,

Delhi Technological University

(Formerly Delhi College of Engineering)

Bawana Road, Delhi- 42

Email: rtpaml_2016@dtu.ac.in

Tel No: +91-11-27871045-1308

Important Dates

Last date to email scan copy of Registration Form: rtpaml_2016@dtu.ac.in	30-06-2016
Email to selected candidates	05-07-2016
Confirmation from Participant	08-07-2016
Commencement of STTP	11-07-2016

Click for Online Registration:

<http://project.dtu.ac.in/ece/reg.php?id=d41e98d1eafa6d6011d3a70f1a5b92f0>

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Organized by:

Department of Electronics & Communication Engineering

Delhi Technological University

(Formerly Delhi College of Engineering)

Bawana Road, Delhi – 110042

Website: www.dce.edu

DELHI TECHNOLOGICAL UNIVERSITY

The Delhi Technological University was established in 1941 as Delhi Polytechnic by then Govt. of India and became Delhi College of Engineering (DCE) in 1965. In 2009 Delhi College of Engineering became DTU vide Delhi Act No. 6 of 2009 by Govt. of NCT of Delhi. Erstwhile DCE which is now DTU is the mother institution of IITD, SPA, College of Pharmacy and College of Arts. University has illustrious past and has been regularly featuring among top ten technical institution of India including IITs. DTU offers 15 UG courses, 22 PG courses, and PhD program in various disciplines of science and engineering.

ABOUT THE DEPARTMENT

The Department of Electronics & Communication Engineering has seen a significant growth over the last 36 years, especially because of the rapid advances in electronics communications and computer engineering. The department today caters 780 UG students in Electronics & Communication Engineering in regular daytime program and 120 UG students in evening B.Tech. To meet the demands of present day technologies, department has started 3-PG (M.Tech.) programs with specialization in Signal Processing & Digital Design, VLSI & Embedded Systems, and Microwave & Optical Communication.

The department has research facilities in the area of Computer vision, machine intelligence, biomedical signal processing, analog & mixed signal VLSI design and Wireless communication. Also, Department has collaboration with leading R&D organizations, namely DRDO, ST-Microelectronics, Freescale, Mentor Graphics, Texas Instruments, Hi-Tech Robotics.

ABOUT THE TEQIP-II

TEQIP-II (Technical Education Quality Improvement

Programme) is a World Bank funded project aimed at improving the technical education of the country and uplifting the research quality. It helps to fund innovative projects in the academic institutions and improving faculty skills.

COURSE OBJECTIVE

The objective of this course is to enhance the knowledge of the faculty in the field of computer vision and machine intelligence. Also, in this course the emphasis is given on various issues, challenges and applications related to computer vision.

COURSE CONTENTS

- Introduction to Pattern Analysis
- Issues involved in Pattern Recognition
- Various Applications of Pattern Recognition
- Feature Generations
- Classification models
- Facial Recognition
- Machine Learning
- Object Tracking
- Artificial Intelligence
- Visual Object Recognition
- Medical Image Analysis
- Fingerprint Recognition
- Human Pose Estimation
- Biometric Recognition
- Human Computer Interactions

RESOURCE PERSONS

Distinguished faculties of IITs/DTU/IITD and other experts from reputed industries and research organizations.

ELIGIBILITY TO ATTEND FDP

The programme is open to the faculty members of AICTE/UGC approved Engineering Institution/ Universities /R&D Labs and persons from Industries working in the area of Pattern Recognition and Machine Learning.

ACCOMMODATION AND TRAVELLING ALLOWANCE

Accommodation is limited and will be made available at DTU guest house/hostels on prior request in writing on payment basis. As per TEQIP-II guidelines, the participant will not be paid TA/DA. However, working lunch/tea/snacks will be provided during the course.

REGISTRATION AND SELECTION PROCESS

Participants will have to register online at <http://project.dtu.ac.in/ece/reg.php?id=d41e98d1eafa6d6011d3a70f1a5b92f0> and take printout of filled Registration form. Send the scanned copy of registration form duly approved by **competent authority** to the Course Coordinator (**rtpaml_2016@dtu.ac.in**) on or before June 30, 2016. Submit the **original registration** form at the time of commencement of the course. There is no registration fee for participants. List of selected participants will be display on July 5, 2016 on University website <http://www.dtu.ac.in>.

The selection is based on first come first served basis. The selected candidates should have to bring the original form duly signed by competent authority, and identity proof issued by the sponsoring organization.

The number of participants will be limited to **60** including the DTU faculty members as per TEQIP-II guidelines.