

FDP on Machine Learning and Deep Learning

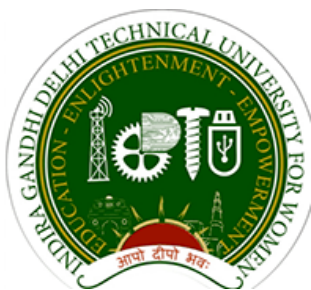
With hands-on sessions on R/Python/MATLAB

(16-20 July, 2018)

INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN
Kashmere Gate, Delhi - 110006

Department of Information Technology

Website: www.igdtuw.ac.in
Contact email: fdpit@igdtuw.ac.in



Supported by:



Student Branch(IGDTUW)



ABOUT THE UNIVERSITY

Indira Gandhi Delhi Technical University for Women (IGDTUW) has been upgraded from Indira Gandhi Institute of Technology in May 2013 vide Delhi State Legislature Act 9, 2012, as a non-affiliating teaching and research university at Delhi to facilitate and promote studies, research, technology, innovation, incubation and extension work in emerging areas of professional education among women, with focus on engineering, technology, applied sciences, management and its allied areas with the aim to achieve excellence in these and related fields. IGDTUW offers B.Tech program in CSE/IT/MAE/ECE, M.Tech program in ISM/MPC/VLSI, R&A, MCA and B.Arch program

ABOUT THE DEPARTMENT

Department of IT aims to prepare students to undertake careers involving innovation and problem solving using IT, or to undertake advanced studies for research careers in IT. The teaching pedagogy in the department aims to bridge the gap between principles and applications with the goal to apply knowledge of information technology for solving real world problems.

ABOUT THE PROGRAMME

Machine learning is omnipresent across multiple domains, nowadays. It is the process of examining large amount of data of various types to uncover hidden patterns, unknown correlation and other useful information. Deep learning is a subfield of machine learning concerned with algorithms inspired by the structure and function of the brain called artificial neural networks. Several industries ranging from technology to finance to government are using machine learning and deep learning techniques such as predictive analysis, efficient retrieval and faster analysis for knowledge discovery.

OBJECTIVES

- ❖ To disseminate the theory behind state-of-the-art Machine Learning mechanisms.
- ❖ To impart the importance of Machine Learning and Deep Learning in industry.
- ❖ To introduce recent Deep Learning techniques and their application to the participants.

HIGHLIGHTS

- ❖ State-of-the-art Machine learning techniques.
- ❖ Supervised, unsupervised and optimization based learning applications.
- ❖ Deep Learning and futuristic trends.
- ❖ Speakers from eminent Industry and coveted academic institutions (DRDO, NSIT, Thapar University, Accenture etc.).

WHO SHOULD ATTEND

This program will be highly helpful for **faculty members and researchers (PhD/MTech/MCA/BTech students)** who are actively involved in research on Machine Learning and Deep Learning or want to pursue professional career in this domain. This program will also help the faculty members of departments of Computer Science, Computer Engineering, Information Technology, Computer Applications, Information Systems and others in enriching their courses with relevant studies.

HANDS-ON SESSIONS

- Interactive learning through lectures and discussions.
- Implementations of case studies on R/Python/MATLAB



Patron:

Dr. Amita Dev,
Pro-Vice Chancellor, IGDTUW

Advisors:

Prof R. K. Singh,
Dean (Planning and Development) and Registrar,
IGDTUW

Dr Arun Sharma,
Associate Professor and HoD-IT, IGDTUW

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Divya Mittal,

Kajal Tyagi,
Swati Sinha

REGISTRATION

Confirmation of eligible candidates will be on a first come first serve basis.

Lunch/Tea/Registration kit and Certificates will be given to all participants.

Send the duly filled Registration Form provided in the brochure to the office of HoD-IT, Indira Gandhi Delhi Technical University for Women, Kashmere Gate, Delhi - 110006 latest by **10th July, 2018**. Or email scanned copy of filled form to fdpit@igdtuw.ac.in

OR

Fill the following form by **10th July, 2018**.
<https://goo.gl/forms/ML2bLaK0pXqyXYqT2>

FEE

Student/faculty from IGDTUW Rs. 2000/-

Student/faculty outside IGDTUW Rs 3000/-

MODE OF PAYMENT

- DD:
Demand Draft in favour of 'Registrar, Indira Gandhi Delhi Technical University for Women, payable at Delhi.

Or

- NEFT/IMPS/RTGS/Other Online Modes:
Account No. : 09001000018949
Name: Registrar, Indira Gandhi Delhi Technical University for Women, Kashmere Gate, Delhi
Bank: Punjab and Sindh Bank,
Branch: Kashmere Gate, Delhi 110006
IFSC CODE: PSIB0001098

Please note that outstation male participants are required to make their own stay arrangements.

REGISTRATION FORM

Name _____

Gender _____

Date of Birth _____

Designation _____

Department _____

Organization _____

Address _____

Phone/Mobile _____

E-mail _____

Payment Mode (DD/Online Transfer) _____

DD No./ Online Transaction No. _____

Dated _____

Amount _____

Issuing Bank _____

Today's Date:

Signature:

Note: Please attach in post/email your photo ID proof

(Photocopies of the registration form may be used)