

**One Week Faculty Development  
Programme on Data Science  
&  
Machine Learning**

(12<sup>TH</sup> - 16<sup>TH</sup> MAY, 2025)



**NATIONAL INSTITUTE OF TECHNICAL  
TEACHER'S TRAINING AND RESEARCH,  
MHRD, GOVT. OF INDIA,  
SECTOR 26, CHANDIGARH**

**Organized By**  
Department of Computer Applications



**J. C. BOSE UNIVERSITY OF SCIENCE AND  
TECHNOLOGY,  
YMCA, FARIDABAD, SECTOR - 6 MATHURA  
ROAD  
FARIDABAD (121006), HARYANA, INDIA**

**Patron**

**Prof. S.K. Tomar**

Vice Chancellor

J.C. Bose University of Science and  
Technology, YMCA, Faridabad, Haryana, (India)

**Programme Chair**

<b>Prof. (Dr.) Manjeet Singh</b>	<b>Dr. Shilpa Sethi</b>
Chairperson	Associate Professor
Department of Computer Applications	Department of Computer Applications
J. C. Bose University of Science and Technology, YMCA, Faridabad, Haryana, (India)	J. C. Bose University of Science and Technology, YMCA, Faridabad, Haryana, (India)

**NITTR Coordinator**

**Dr. Maitreyee Dutta**

Professor

Information Management  
& Emerging Engineering Department  
NITTR, Sector 26, Chandigarh-160019

**Convenor**

**Dr. Manvi**

Associate Professor

Department of Computer Applications  
J.C. Bose University of Science and  
Technology, YMCA, Faridabad, Haryana, (India)



**J.C. BOSE UNIVERSITY OF SCIENCE AND TECHNOLOGY, YMCA,  
FARIDABAD, HARYANA, (INDIA)**

A State Government University (Accredited 'A' Grade By NAAC)

**DEPARTMENT OF COMPUTER APPLICATIONS**

**REGISTRATION FORM**

One Week Faculty Development Programme  
on Data Science & Machine Learning  
(12<sup>TH</sup> - 16<sup>TH</sup> MAY, 2025)

Name \_\_\_\_\_

Designation \_\_\_\_\_

Institute Postal Address \_\_\_\_\_

Phone ( With area code ) \_\_\_\_\_

Mobile \_\_\_\_\_

Email \_\_\_\_\_

Signature of the Participant

Recommended

Signature and Seal  
Head of the Institution

Advance copy of application form can be emailed  
for immediate action

#### OBJECTIVE OF THIS FDP

- To understand the fundamentals of data science and machine learning.
- To learn various machine learning algorithms and their applications.
- To gain practical experience in data preprocessing and model building.
- To explore advanced topics such as deep learning, natural language processing, and big data analytics.
- To understand the ethical implications and best practices in data science.

#### CURRICULUM FOR THIS FDP

Data Science and Machine Learning are intertwined fields that have revolutionized how organizations analyze data and make decisions. Both areas have broad applications across various industries, from healthcare and finance to marketing and technology.

The FDP is designed to provide participants with a deep understanding of the theoretical foundations and practical applications of data science and machine learning. The program will cover various aspects, including data preprocessing, model building, evaluation techniques, and deployment. The focus will be on real-world applications, hands-on sessions, and the latest advancements in the field. This FDP aims to empower participants with the necessary skills to advance their careers in data science and machine learning, and to contribute effectively to their institutions and industries.

#### WHO SHOULD ATTEND ?

Faculty members from all streams, research scholar from all streams, Industry delegates, students & any person working on research projects.

#### REGISTRATION PROCESS

- Go to [www.nitttrchd.ac.in](http://www.nitttrchd.ac.in)
- Register yourself as a participant
- Select Department as Information Management & Emerging Engineering
- Click TAC no. IMEE-1
- Register for this course by paying Rs. 590/-
- Submit a signed copy of NOC from HOD/ Competent authority from your institute on registration day that is 12<sup>th</sup> may (Download Format for NOC Form)

[https://drive.google.com/file/d/1C6GnFje7FGzaxDqD926-msml/view?usp=drive\\_link](https://drive.google.com/file/d/1C6GnFje7FGzaxDqD926-msml/view?usp=drive_link)

The Accommodation will be on Sharing Basis, Breakfast and Dinner are not Included.

#### Last Date for Registration is

5<sup>th</sup> May,2024

**Important Note- Participant must bring laptops with them.**

**Certificate- on the successful completion of the programme with at least 90% attendance, each participant shall receive a Certificate of Participation from NITTTR Chandigarh**

#### ORGANIZING TEAM

Dr. Mamta Kathuria, Dr. Rewa, Dr. Vedpal  
Mr. Aditya, Mr. Rajiv Ranjan, Mr. Arko  
Technical Support- Mr. Krishan,  
Ms. Rashika & Ms. Sangeeta

#### REPORTING VENUE FOR FDP

Ground Floor,  
Department of Computer Applications,

**For any query  
feel free to contact**

**Dr. Manvi**  
Associate Professor  
Department of Computer Application  
+91 99715 99791  
Email- [manvi@jcboseust.ac.in](mailto:manvi@jcboseust.ac.in)

**J.C. Bose University of Science and Technology**

**YMCA, Faridabad, Sector- 6 Mathura Road**

**Faridabad (Haryana), India**

[www.jcboseust.ac.in](http://www.jcboseust.ac.in)

**For More Details About FDP.**

**Email- [chairperson.ca@jcboseust.ac.in](mailto:chairperson.ca@jcboseust.ac.in)  
[manvi@jcboseust.ac.in](mailto:manvi@jcboseust.ac.in)**

 jcboseust.ac.in |  /JCBoseUST |  /jcboseustofficial |  /JCBoseUniversity

## ABOUT THE UNIVERSITY

J.C. Bose University of Science and Technology, YMCA, Faridabad (formerly YMCA University of Science and Technology) was established in 2009 by Haryana State Legislative Act No. 21 of 2009 and Haryana Government Gazette Notification No. 29 of 2009, dated 16.9.2009.

Before the University came into existence, it had a humble beginning in 1969 as YMCA Institute of Engineering with an intake of 120 students. It was an Indo-German Project – a Joint Venture of the State Government (erstwhile Punjab) and National Council of YMCA of India with active assistance from overseas Agencies of West Germany. The Institute was started with the aim to impart technical education to a developing India on German pattern and to produce highly practical oriented personnel in specialized fields of engineering to meet specific technical manpower requirements of industries.

At present, the University offers a four-year B.Tech degree in almost all disciplines. Besides, it is offering Science, Computer Applications Management and Mass Communication courses, at Doctoral Programme PhD, PG and UG. At UG level the university offers 29 courses at PG level 23 courses. The University offers Ph.D programs in all disciplines. The University also runs various B.Voc and skill related diploma and certificate courses under its Community College of Skill Development.

## ABOUT THE DEPARTMENT

The Computer Applications Department is committed to become a significant force both nationally and internationally by developing highly skilled and ethically responsible computer application engineers who are proficient in cutting-edge technology. Our main focus is to prepare students to face the ever-evolving challenges in information technologies and their applications while addressing the dynamic needs of industry and society.

Our objective is to establish ourselves as a center of excellence in teaching and research. We aim to equip students with global competence, enhance their problem-solving skills, and keep them updated with the latest developments in computer applications and information technologies.

Our department offers several programs, including Bachelor of Computer Applications (BCA), B.Sc. Animation & Multimedia, M.Sc. Animation & Multimedia, and Master of Computer Applications (MCA). These programs provide a strong foundation in computer applications, which help learners acquire the technical and research skills required for success in both industry and academia.

Our department is supported by a team of dedicated academic staff with diverse research interests and strong academic credentials. We have five doctoral degrees from prestigious institutions. Our faculty members are actively engaged in research and dedicated to providing an enriching learning environment.

### Patron

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IN COLLABORATION WITH

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SECTOR 26, CHANDIGARH

ORGANISE

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ON

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