

ABOUT NIT DELHI

National Institute of Technology Delhi (NITD) is one of the thirty-one NIT (s) established in the year 2010 by an act of parliament and has been declared as an Institute of National importance. NIT Delhi is an autonomous Institute which functions under the aegis of Ministry of Human Resource Development, Government of India. It aims to provide instructions and research facilities in various disciplines of Engineering, Science and Technology, for advanced learning and dissemination of knowledge. At present, in addition to research, consultancy and developmental activities, the Institute offers UG and PG (M. Tech. & Ph.D.) level courses to more than 1000 students in almost all leading fields of engineering & technology.

ABOUT MANIPAL UNIVERSITY JAIPUR

Manipal University Jaipur (MUJ) was launched in 2011 on an invitation from the Government of Rajasthan, as a self-financed State University. MUJ has redefined academic excellence in the region, with the Manipal way of learning; one that inspires students of all disciplines to learn and innovate through hands on practical experience. The multi-disciplinary university offers career-oriented courses at all levels, i.e., UG, PG and doctoral and across diverse streams, including Engineering, Architecture, Planning, Fashion Design, Interior Design, Fine Arts, Hospitality, Humanities, Journalism and Mass Communication, Basic Sciences, Law, Commerce, Computer Applications, Management, etc. Some PG programs are also available in the research mode. advancements in these domains.

OBJECTIVE OF THE COURSE

The objective of this Short-Term Course (STC) is to provide a comprehensive overview of the recent developments in the domain of Artificial Intelligence. Through this STC participants will get in-depth knowledge of Machine Learning and Deep Learning, Explainable AI, Generative AI, Responsible AI, Large Language Model (LLM), Federated Learning and various applications of AI including healthcare, supply chain etc. The course also introduces the basics of LaTeX briefly for article writing. The technical program will include state-of-the-art seminars, discussion/presentation sessions, signifying the research challenges, insights, and practical learning through hands-on sessions on the aforementioned research areas from experts.

TOPICS TO BE COVERED

- Fundamentals of Machine Learning and Artificial Intelligence
- Basics of Deep Learning and its applications
- Explainable AI
- Generative AI
- Responsible AI
- AI and its application to digital Healthcare
- The role of AI in supply chain management
- The Large Language Model (LLM) and its applications
- Federated Learning
- Introduction to Latex, Beamer, with hands-on exercise on article preparation

Short Term Course in Online Mode on

“Evolving Artificial Intelligence”

From 28th May – 1st June, 2024



Organized by:

Department of Computer Science & Engineering
National Institute of Technology Delhi

In collaboration with

Department of IoT & IS, School of Computing and
Intelligent Systems
Manipal University Jaipur

LIST OF EXPERTS

Prof. Ram Bilas Pachori, Professor, IIT Indore

Prof. T. V. Vijay Kumar, Professor, School of Computer & Systems Sciences, JNU

Prof. Seema Bawa, Professor, Thapar Institute of Engineering & Technology, Patiala

Dr. Rajneesh Rani, Associate Professor, NIT Jalandhar

Dr. Geeta Rani, Associate Professor, Manipal University Jaipur

Dr. Ester Zumpano, Associate Professor, University of Calabria, Italy

Prof. Lalit Garg, Associate Professor, University of Malta, Malta

Dr. Nonita Sharma, Associate Professor & Manager (International Affairs), IGDTUW, New Delhi

Dr. Eugenio Vocaturo, Assistant Professor, University of Calabria, Italy

Vidyadhar Aski, Head, Emerging Technology CoE @Mahindra group, AI Integration Specialist, Digital Transformation Enabler, Corporate R&D

Dr. Amandeep Kaur, Assistant Professor, IIIT Gwalior

Dr. Gautam Kumar, Assistant Professor, NIT Delhi

Dr. Amandeep Kaur, Assistant Professor, NIT Delhi

ELIGIBILITY

Faculties from various Universities/Institutions, Industry Personnel, Scientists and Engineers from research and development organizations, UG, PG, and PhD scholars can apply for this course. The interested persons need to apply online through Google forms.

Note: E-certificate will be issued to participants after completion of the course.

REGISTRATION DETAILS

Participants	Early Bird (in INR)	Late Fee (in INR)
UG/PG/PhD Student	500	700
Academia	1000	1200
Industry Personnel	1200	1500

How to apply:

For the registration, please fill the Google form. The link for the Google form is given below:

Registration (till ~~20th May- 2024~~) **extended till 26th May 2024.**

Registration Link

→ <https://forms.gle/fB7UN7ENN6PNTjmWA>



The candidates can deposit the registration fee online in the account details given below:

Account Holder's Name: DIRECTOR NIT DELHI ENDOWMENT FUNDS AC

Account Number : 30320100016539

IFSC Code : BARB0NARELA

Bank Name & Branch : Bank of Baroda

ACCOMODATION

This workshop will be conducted in a Online mode. The participants need not be physically present at NIT Delhi during the workshop.

ORGANIZING COMMITTEE

Patron:

Prof. (Dr.) Ajay Kumar Sharma, Director, NIT Delhi
Prof. Vijaypal Singh Dhaka, Director, SCIS, Manipal University Jaipur.

Conveners:

Prof. (Dr.) Geeta Sikka, Professor and Head, Department of CSE, NIT Delhi.

Prof. (Dr.) Geeta Rani, Associate Professor and Head, Department of IoT and Intelligent Systems, Manipal University Jaipur.

Coordinators:

Dr. Amandeep Kaur, Assistant Professor, Department of CSE, NIT Delhi.

Dr. Gautam Kumar, Assistant Professor, Department of CSE, NIT Delhi.

Dr. Deepak Sinwar, Associate Professor, Department of IoT and Intelligent Systems, Manipal University Jaipur.

Dr. G.L. Saini, Assistant Professor, Department of IoT and Intelligent Systems, Manipal University Jaipur.

Co-Coordiators:

Dr. Sahil, Assistant Professor, Department of CSE, NIT Delhi.

Dr. Gunjan, Assistant Professor, Dept of CSE, NIT Delhi.

Dr. Rohit Mittal, Assistant Professor, Department of IoT and Intelligent Systems, Manipal University Jaipur.

Committee Members:

Dr. Karan Verma, Associate Professor and HoD, Dept of CSE, NIT Delhi

Dr. Shelly Sachdeva, Associate Professor, Dept of CSE, NIT Delhi

Dr. Anurag Singh, Associate Professor, Dept of CSE, NIT Delhi

Dr. Abhay Sharma, Assistant Professor, Department of IoT and Intelligent Systems, Manipal University Jaipur

Dr. Usha Choudhary, Assistant Professor, Department of IoT and Intelligent Systems, Manipal University Jaipur

For any queries please contact:

Dr. Gautam Kumar, Email: gautam@nitdelhi.ac.in

Ph: +91-8292556170

Dr. Deepak Sinwar, Email:

deepak.sinwar@jaipur.manipal.edu, Ph: +919416164461