

UGC-Malaviya Mission Teacher Training Centre
Jawaharlal Nehru University
New Delhi

Website: <https://www.jnu.ac.in/mmttc>

3rd Short Term Course in Artificial Intelligence & Machine Learning
(RESIDENTIAL MODE)
26th November – 2nd December, 2024

Course coordinator:

Prof. T. V. Vijay Kumar, Dean, School of Engineering, JNU
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List of Resource Persons:

Sr. No.	Name	Topic of lecture	Contact Details
1.	Prof. Niladri Chatterjee	<i>Introduction to AI, ML and Data Science</i>	Indian Institute of Technology, Delhi Email: niladri.chatterjee@maths.iitd.ac.in Mobile: 9013699186
2.	Prof. Niladri Chatterjee	<i>Fuzzy Reasoning</i>	Indian Institute of Technology, Delhi Email: niladri.chatterjee@maths.iitd.ac.in
3.	Prof. T.V. Vijay Kumar	<i>Metaheuristic Optimization</i>	Jawaharlal Nehru University, New Delhi Email: tvvk@mail.jnu.ac.in
4.	Prof. Rahul Katarya	<i>Tech-Driven Insights: Transforming Healthcare with Artificial Intelligence</i>	Delhi Technological University, Delhi Email: rahuldtu@gmail.com
5.	Prof. Kolin Paul	<i>Domain Specific Accelerators for Energy Efficient Computing in the ML Era</i>	Indian Institute of Technology, Delhi Email: kolin@cse.iitd.ac.in
6.	Dr. A. Krishnamachari	<i>Machine learning perspectives in computational biology"</i>	School of Computational and Integrative Sciences Jawaharlal Nehru University New Delhi Email: chari@jnu.ac.in
7.	Dr Akshay Kumar	<i>Multi-Objective Metaheuristic Optimization</i>	Indra Gandhi National Open University, New Delhi Email: akshay@ignou.ac.in
8.	Prof. Rafat Parveen	<i>Machine Learning in Oncology: A new Era of Precision Medicine</i>	Jamia Milia Islamia, New Delhi Email: rparveen@jmi.ac.in
9.	Prof. Jayadeva	<i>Minimizing Model Complexity</i>	Indian Institute of Technology, Delhi Email: jayadeva@ee.iitd.ac.in
10.	Prof. Vikram Goyal	<i>AI for Education</i>	Indraprastha Institute of Information Technology, Delhi Email: vikram@iiitd.ac.in

11.	Dr. Kalpana Johari	<i>AI in Unmanned Aircraft System</i>	CDAC, NOIDA Email; kalpanajohari@cdac.in
12.	Prof. Zahid Raza	<i>AI for Resource Provisioning in Cloud Computing</i>	Jawaharlal Nehru University, New Delhi Email: zahidraza@mail.jnu.ac.in
13.	Prof. Piyush Pratap Singh	<i>Language Engineering</i>	Jawaharlal Nehru University, New Delhi Email: piyushpsingh@mail.jnu.ac.in
14.	Prof. Vir Bahadur Singh	<i>An Application of Machine Learning in Software Evolution</i>	Jawaharlal Nehru University, New Delhi Email: vbsingh@mail.jnu.ac.in
15.	Dr. Karan Verma	<i>Federated Learning</i>	National Institute of Technology, Delhi, Email: karanverma@nitdelhi.ac.in
16.	Prof. V. P. Vishwakarma	<i>Fundamentals and Current Trends in Artificial Neural Networks</i>	Guru Gobind Singh Indraprastha University, Delhi Email: vpv@ipu.ac.in
17.	Prof. Vivek Kumar Singh	<i>Doing Research – Databases, Metrics, AI Tools and Academic Visibility</i>	University of Delhi, Delhi Email: vivek@cs.du.ac.in
18.	Prof. Amar Mahapatra	<i>Application of AI in SMART policing</i>	Indra Gandhi Delhi Technical University for Women, Delhi Email: akmohapatra@igdtuw.ac.in
19.	Prof. D V L N Somayajulu	<i>LLMs and Blockchain Technologies Importance and Integration in AI</i>	National Institute of Technology, Manipur Email: somadvlns@gmail.com
20.	Prof. D V L N Somayajulu	<i>Valedictory Lecture</i>	National Institute of Technology, Manipur Email: somadvlns@gmail.com