

Online Short Term Programme on Application of Artificial Intelligence and IoT in Civil Engineering

March 23-27, 2021



ORGANIZED BY



Department of Civil Engineering

Under the Project

The Central of Excellence (COE) in Geo-Informatics

**MAULANA AZAD NATIONAL INSTITUTE OF TECHNOLOGY
BHOPAL 462003 (M.P.)**

Funded by TEQIP III

Patron

Dr. N.S. Raghuwanshi
Director, MANIT, Bhopal

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(Chairperson)

Dr. S. K. Katiyar, Coordinator, COE

Dr. Rajesh Gupta, Coordinator, TEQIP-III

All Faculty members of Civil Engg. Deptt.

Course coordinators

Dr. Jyoti Sarup

Dr. Ruchi Khare

Dr. Priyanka Dhurvey

MANIT, BHOPAL

Maulana Azad National Institute of Technology (MANIT) established in 1960, is the premier institute for technology in Central India. MANIT is one of the leading institution of national importance in the area of technical education. Established with the objective of developing a multi-disciplinary centre for technical education by strengthening both teaching and research activities besides contributing to the needs of rural community, society and industry at large.

PURPOSE OF THE COURSE

In today's developing world, infrastructure developments are constantly required to improve and enhance the technology. New approaches are being implemented to determine optimum values and solutions for models such as Artificial Intelligence (AI) and Machine Learning (ML). Research is a necessity for determining how these recent methods are being applied within the civil engineering field and what effective solutions they are providing.

AI, ML and internet of Things (IoT) Applications in Civil Engineering is a collection of innovative research on the methods and implementation of machine learning and AI in multiple facets of civil engineering. While highlighting topics including control devices, Geo-Informatics and Artificial Neural Networks, this course is ideally designed for engineers, academicians, researchers, practitioners and students seeking current research on solving civil engineering problems using Smart Technology.

THE CONTENT OF THE WORKSHOP

- Application of ANN in Civil Engineering
- IoT in Modern Civil Works
- Machine Learning (ML) and Deep Learning (DL) applications
- ML,DL and IoT in sustainable Infrastructure Development

Mode of conduction of workshop will be online through Google Meet

SPEAKERS

The experts/faculty from NIT, IIT and various Government Organization will be speakers

PARTICIPANTS

The course will be useful for all faculty, working engineers, and Research Scholars. Certificate for attending the course will be provided to all participants.

REGISTRATION FEE

There is no registration fee for this course, registration is free of cost.

The link for registration is provided as below

https://docs.google.com/forms/d/e/1FAIpQLSeJzoaWg4HZiAeg17oFalkj6N060KKSpZkUht2eclDnZSaUBA/viewform?usp=sf_link

The registration link is also given on institute website: www.manit.ac.in

Online registration form duly filled should be submitted before 22 March, 2021.

CONTACT

Mob. No.: 09826364187, 09425607454, 07869322888 Email:anniot21@gmail.com