

Dear All,

Greetings from HRDC, Integral University

Human Resource Development Centre, Integral University as a remote centre of NITTTR, Chandigarh is going to organize a five-day Short-term Course (STC) through Information and Communication Technology (ICT) on "**Artificial Intelligence & IoT Applications in Civil Engineering**" from **12-16 Sept 2022** at Integral University, Lucknow in association with Ministry of Education, Government of India's National Institute of Technical Teachers Training & Research (NITTTR), Chandigarh.

Since 2012, NITTTR started offering training programmes through ICT, to enable the teachers from technical institutions to benefit from these programmes without travelling to NITTTR, Chandigarh. The training programmes through ICT are conducted at NITTTR, Chandigarh by experts in the relevant area and are streamed to remote centers connected to NITTTR, Chandigarh through internet.

Objective: To gain knowledge about Artificial Intelligence, IoT and their applications for solving problems in Civil Engineering.

Course Content:

- Concept of Artificial Intelligence
- Artificial Intelligence applications in Civil Engineering
- Basics of ANN, GA, Fuzzy Logic, Deep Learning
- Basics of MATLAB
- IoT Concepts
- IoT applications in Civil Engineering
- Latest technological interventions in this field
- Case Studies

Brief about the course is as follows:

Course Name	: Artificial Intelligence & IoT Applications in Civil Engineering
Coordinating Department	: Civil Engineering, NITTTR, Chandigarh.
Eligibility	: Teachers and Technical staff of engineering colleges and polytechnics and Industry Professionals, Research Scholars.
Host Center	: National Institute of Technical Teachers Training & Research (NITTTR), Chandigarh, India.
Remote Center	: Integral University, Lucknow
Registration Fee for Teachers and Technical staff	No Fee
Registration Fee for Research scholar	Rs. 500 +18% GST
Date & Time	: 12-16, September 2022 (9:00 - 4:00 pm)

Last Date for Registration	: 10th, September 2022 before 4:00 PM
Registration Link	: NITTTR FDP Portal (nitttrchd.ac.in)
Program Mode	The mode of delivery shall be through Online lectures, demonstrations and hands-on-practice
Resource Persons	Reputed academicians from institutions like NITTTR, IIT, NIT, CSIO, Industry experts, etc
Award of Certificate	: The certificates will be awarded to the successful participants by NITTTR, Chandigarh under the Ministry of education Government of India.

**Online Registration at NITTTR, Chandigarh portal is mandatory for participation. All the steps for registration are mentioned in the given link [NITTTR FDP Portal \(nitttrchd.ac.in\)](http://nitttrchd.ac.in). Kindly Fill online form through the above Registration Link and submit the hard copy (signed by The Director HRDC, IU) to the remote centre coordinator.*

For any query please contact;

Host Center Coordinator:

Dr. Himmi Gupta, Assistant Professor, Civil Engineering Department, 91-172-2759743 (O), himmigupta@nitttrchd.ac.in

Remote Center Coordinators:

Dr. Sheeba Praveen CSE E-mail: Sheeba@iul.ac.in Mob: 8565920483

Dr. Imran Ullah Khan ECE E-mail: iukhan@iul.ac.in Mob: 8127439699

Mr. Mohd Arif Ali Usmani CSE E-mail: mausmani@iul.ac.in Mob: 9335764518

We look forward to making this course another learning opportunity for our faculty Teaching Staff and Research scholars.

Dr. Syed Aqeel Ahmad

Director

Human Resource Development Centre (HRDC)

Integral University, Lucknow