



About NIT Raipur

National Institute of Technology Raipur situated in the capital of Chhattisgarh, has proven to be 'avant-grade' in the field of science and technology over past few decades in this region. With sweet memory of foundation ceremony by the President Hon'ble Dr. Rajendra Prasad on 14th September 1956, the Institute started with two departments namely Metallurgical and Mining Engineering. Later the inauguration of the Institute building was done by the Prime Minister Hon'ble Pt. Jawahar Lal Nehru on 14th March 1963. From 1st December 2005, the Institute has become the National Institute of Technology Raipur. Presently NIT Raipur offers 12 undergraduate and 6 postgraduate courses. The Institute offers facilities for Ph.D. and also undertakes R & D activities, provides testing, consultancy and other extension services including continuing education to the industry through the Industry Institute Interaction cell and the placement of the student through the Department of Training & Placement.

Brief Overview of the FDP

Today's developing 'Smart Cities' are grouped into complex system of public services, public and private

networks, devices and sensors, and cloud computing infrastructure. This complex technical system requires constant interaction and convergence of physical and digital infrastructures. As the smart cities are becoming more interconnected, the level of digital infrastructure is tending to be more intricate and hence is more vulnerable to cyber-attacks. Smart cities are susceptible various types of cyber threats. The following is a list of some of the many cyber-attacks that could damage the infrastructure of smart cities: Data and identity theft, Hijacking devices, Man-In-The-Middle attacks, Distributed Denial of Service, Ransomware. Thus, it can be well understandable that even the smallest cyber-physical weakness in the services of smart cities can cost maximum, and smart cities can be considered only as strong as their weakest link. With the above important aspects, it is being proposed to conduct an AICTE Training And Learning (ATAL) Academy sponsored FDP to disseminate the cyber security risks in smart cities and enlisting the possible solutions for the same.

Objectives of the FDP

To promote interaction with the scientific communities and provide awareness and training for cyber security in smart cities, the online FDP will be organized at NIT Raipur during June 14-18, 2021. The program will enhance the different prospects of Cyber Security and related techniques for smart cities.

No prerequisite is envisaged for participants. In each topic, attempts will be made to build up fundamental concepts followed by research directions for applications of Cyber Security in smart cities.

Call for Participation

Online Faculty Development Program

on

Cyber Security in Smart Cities

(June 14-18, 2021)

Jointly organized by

Department of Computer Application
National Institute of Technology Raipur

&

ATAL Academy
AICTE, New Delhi



Department of Computer Application
National Institute of Technology Raipur

G.E. Road, Raipur - 492010, India

Website: www.nitr.ac.in

Resource Persons

Eminent speakers from Foreign Universities, IITs, NITs, CFTIs will deliver the expert lectures.

Participants

Participants will be selected among faculty members, PG students, PhD scholars & researchers, and practicing engineers from Academia, Government and AICTE approved Non-Government Organizations through ATAL Academy portal.

Last Date of Registration

For the last date of application, please visit AICTE ATAL Academy portal:

<https://atalacademy.aicte-india.org/signup>

Contact Person

Dr. Mou Dasgupta

Assistant Professor

Dept. of Computer Application, NIT Raipur

E-mail: mdasgupta.mca@nitrr.ac.in

Mobile: 7772071592

Mode of FDP

The FDP will be organized online through GoogleMeet link. The link will be shared with the selected participants well in advance.

Organizing Committee

Chief Patron

Dr. A.M. Rawani

Director, NIT Raipur

Patron

Dr.(Mrs.) Subhrata Gupta

Dean (R&C), NIT Raipur

Program Coordinator

Dr. Mou Dasgupta

Assistant Professor, NIT Raipur

Convener

Dr. Mithilesh Atulkar

Associate Professor, NIT Raipur

Members

Dr. S.L. Sinha

Mr. H. Bikrol

Dr. Priyanka Tripathi

Dr. Manju Pandey

Dr. Shyam Sundar

Dr. T.K. Das

Dr. C.M. Anish

Mr. Rajesh Singh Thakur

Registration Procedure

- ❖ There is **no registration fee.**
- ❖ Participant needs to apply through AICTE-ATAL portal on or before the last date of registration mentioned in the AICTE ATAL portal.
- ❖ To complete your registration in ATAL FDP portal, follow the following steps:
 1. Visit <https://atalacademy.aicte-india.org/signup>
 2. Register as a participant → Fill your details
 3. Select Workshop:
 - Select State → Chhattisgarh;
 - Select Month → June;
 - Select Thrust Area → Cyber Security;
 - Select Mode → Online Mode
 4. Select → Cyber Security in Smart Cities
- ❖ Selected participants will be informed in advance through e-mail.
- ❖ Numbers of seats are limited and seats will be booked as per ATAL Academy guidelines.

Participation Certificate

- ❖ A performance evaluation test will be conducted at the end of the FDP.
- ❖ **Minimum 80% attendance and scoring 60% marks in test is mandatory** to get participation certificate.
- ❖ The participation certificate will be issued online through ATAL Academy portal to the eligible participants only.