

## RESOURCE PERSONS

Experts from Industries and Academic Institutions.

- **IIT Kanpur**
- **IIIT Ahmadabad**
- **Reliance Jio Industries**
- **CSIR 4P Institute**
- **CDAC, Chennai and Bangalore**
- **IDRBT, Hyderabad**

## IMPORTANT INFORMATION

- This FDP is only for faculty members of the AICTE approved institutions, research scholars, PG Scholars, participants from Government and Industry.
- The FDP will be conducted in Online mode.
- Participants willing to participate in this online FDP should have the provision of high quality internet connection.
- **Course Registration is free for all participants. Seats are limited (only 50)** and the participants are selected by organizers on first come first serve basis.
- Shortlisted candidates will be informed through their email.
- On completion of the course an objective/quiz based assessment of all participants will done.
- Those who have an attendance of minimum 80 % and score more than 60% in the test will be issued a digital certificate by the ATAL Academy.

## REGISTRATION GUIDELINES

Those willing to participate must send the filled in registration, declaration and sponsorship documents by e-mail to the organizers before 26.09.2020. *There is no registration fee..* All communications will be via e-mail.

<https://forms.gle/pu1zJjbZXWtDKzP7A>

## ELIGIBILITY

The faculty members from the streams of CSE, ECE and IT of AICTE approved Engineering colleges are eligible to participate in this program. The seats are limited, which would be filled on first come first served basis. Selected candidates will be intimated through e-mail.

## IMPORTANT DATES

Last Date for receiving applications : 26.09.2020  
Intimation of selection : 05.10. 2020

## FOR QUERIES CONTACT

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**Mr.Karthikeyan G -Assistant Professor**  
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**AICTE Training and Learning  
(ATAL)**

**ONLINE**

**Faculty Development Program on  
ARTIFICIAL  
INTELLIGENCE AND ITS  
APPLICATIONS**



**October 5<sup>th</sup> - 9<sup>th</sup> , 2020**



**Organized by**

**Department of Computer Science and  
Engineering  
Coimbatore Institute of Technology  
Coimbatore -641014  
[www.cit.edu.in](http://www.cit.edu.in)**

## ABOUT THE INSTITUTE

Coimbatore Institute of Technology (CIT) started in 1956 by Sri. V. Rangasamy Naidu is reckoned for its academic excellence in Engineering and Technology. CIT is a Government Aided Autonomous Institution affiliated to Anna University, Chennai. The institute has a reputation with service of competent, well qualified faculty and dynamic management to set highest standards in engineering, research and development. CIT offers under graduate, post graduate and Ph.D. programmes with a global standard curriculum promoting the students to compete internationally. The institute has collaboration with leading frontier universities and industries in India and abroad for the promotion of innovative research and development National Institutional Ranking Framework (NIRF), MHRD, Govt. of India has ranked CIT with 1st place in Tamil Nadu for Graduate Outcome and 68th Place in NIRF 2019.

## ABOUT THE DEPARTMENT

The Department of Computer Science and Engineering is committed to academic excellence & aims to provide the students a sound foundation on theory and practice in Computer Science & Engineering and expose them to the forefront of the developments in the field of computing. The Department is equipped with state of the art facilities to explore the technological challenges in various fields like Cloud Computing, Internet of Things, Software Defined Networks, Artificial Intelligence and Machine Learning.

## ABOUT AICTE-ATAL

The objectives of AICTE Training and Learning (ATAL) Academy are: To set up an Academy which will plan and help in imparting quality technical education in the country To support technical institutions in fostering research, innovation and entrepreneurship through training To stress upon empowering technical teachers & technicians using Information & Communication Technology To utilize SWAYAM platform and other resource for the delivery of trainings. To provide a variety of opportunities for training and exchange of experiences, such as workshops, Orientations, learning communities, peer mentoring and other faculty development programmes. To support policy makers for incorporating training as per requirements.

## COURSE CONTENT

- *Applications of intelligent data analytics in CPS*
- *Packets, Protocols and Attacks on Cyberspace*
- *Edge AI: the Technologies, Tools and Use Cases*
- *Application of cognitive theories in Cyber physical system*
- *Application of AI in vulnerability and risk analysis for CPS, Threat intelligence techniques for cyber-attack detection, and reaction in CPS*
- *AI-based security tools, techniques and procedures for the Internet of Things (IoT)*
- *Intelligent analysis of different types of data collected from different layers of CPS*
- *AI-assisted digital investigation in CPS*

## ORGANIZING COMMITTEE

### CHIEF PATRON

**Dr.S.R.K.Prasad**  
Correspondent,  
CIT Institutions, Coimbatore

### PATRONS

**Mr.S.Rajiv Rangasami**  
Director, CIT Institutions, Coimbatore

**Dr.R.Prabhakar**  
Secretary, CIT Institutions, Coimbatore

### PRESIDENT

**Dr.V.Selladurai**  
Principal, CIT, Coimbatore

### COORDINATORS

**Dr. Kousalya. G**  
Professor & Head  
**Mr. Karthikeyan. G**  
Assistant Professor  
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Coimbatore Institute of Technology,  
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