



organizes

Faculty Development Program (FDP)

on

Cyber-Physical Security for Critical Infrastructure: Smart Grid

(Application No. 1614940622)

(From 2nd - 6th August 2021)

under

AICTE Training and Learning (ATAL) Academy, New Delhi, India



Inauguration Function

on

2nd Aug 2021 at 11:30 A.M.



Chief Guest

Prof. P. Nagabhushan

Director IIIT Allahabad



Patron

Prof. Vijayshri Tewari

Registrar, IIIT Allahabad



Prof. Pavan Chakraborty

HOD (IT), IIIT Allahabad



Coordinator

Prof. O. P. Vyas

Visiting Professor (Univ. of Bielefeld-Germany)
Professor, IIIT ALLAHABAD

Our Prominent Speakers



Prof. Joseph Sifakis

A.M. Turing Award Winner

Emeritus Research Director at Verimag, France



Prof. Manoj Singh Gaur

Director
IIT Jammu



Prof. Sandeep K Shukla

Program Director, C3i HUB
IIT Kanpur



Prof. Sokratis K. Katsikas

Professor
NTNU, Norway



Dr. Pankaj Pandey

Associate Professor
University of Agder, Norway



Prof. Rahamatullah Khondoker
THM University of Applied Sciences
Germany



Dr. S. Venkatesan
Associate Professor
IIIT Allahabad



Dr. Bibhas Ghoshal

Assistant Professor
IIIT Allahabad



Mr. Rohit Negi

Lead Engineer, C3i Center
IIT Kanpur

Registration Process

Registration is Free. Those who are willing to participate are requested to register at the ATAL website.

The numbers of seats are limited and seats will be allotted on a first come first serve basis.

IIIT Allahabad

Indian Institute of Information Technology Allahabad (IIITA) located in Jhalwa, Allahabad, UP, India was established in 1999, as a center of excellence in Information Technology and allied areas and is an institute of national importance by the act of parliament. IIIT-A aims to evolve an integrated ambiance of creative learning, researching for novelties, contributing to the growth of knowledge, mapping the knowledge into innovations, innovations in terms of innovative products, services and also in terms of re-engineering the education process itself, devising the newer tools and sophisticating the skills at higher level.

Target Participants

Faculty members
Research Scholars
Industrial persons
PG students

Certificate

At least 80% marks in assessment test and 60% attendance during FDP is mandatory to get the certificate of participation.

FDP Schedule

Date & Day	Session-1 (9.30 A.M.- 11:00AM.)	(11:00AM.-11:30A.M.)	Session-2 (11.30 A.M.-1.00 P.M.)	(1:00P.M.-2:30P.M.)	Session-3 (2.30 P.M.-4.00 P.M.)
2 Aug 2021 (Monday)	Introductory talk	T E A B R E A K	Autonomous systems and self-driving cars	L U N C H B R E A K	Attack Vector Formulation and Risk Analysis Methods
	Prof. O.P. Vyas IIIT Allahabad		Prof. Joseph Sifakis, Emeritus Research Director, Verimag		Mr. Rohit Negi Lead Engineer C3i-Center, IIT-Kanpur
3 Aug 2021 (Tuesday)	Risk Driven Cyber Security of Cyber Physical systems		Security of Cyber Physical systems - Industrial Control Systems		Introduction to Penetration Testing concepts and Cyber Physical testbed
	Prof. Sandeep K. Shukla IIT Kanpur		Prof. Sokratis K. Katsikas NTNU, Norway		Mr. Rohit Negi Lead Engineer C3i-Center, IIT-Kanpur
4 Aug 2021 (Wednesday)	Blockchain for Smart Metering Infrastructure		Blockchain for Smart Metering Infrastructure		Anomaly Detection with Machine Learning models
	Dr. S. Venkatesan IIIT Allahabad		Dr. S. Venkatesan IIIT Allahabad		Hands-on Session
5 Aug 2021 (Thursday)	-	Cyber Physical Security and Cascading Effect	Introduction To Cyber Security of critical infrastructure: Economic Perspective		
	Dr. Bibhas Ghoshal IIIT Allahabad	Dr. Pankaj Pandey University of Agder, Norway	Dr. Pankaj Pandey University of Agder, Norway		
6 Aug 2021 (Friday)	Assessment Session	Automotive Security	Valedictory Session		
		Prof. Rahamatullah Khondoker THM University of Applied Sciences Germany	Prof. Manoj Singh Gaur IIT Jammu		

Address for communication

Prof. O. P. Vyas

Visiting Professor (Univ. of Bielefeld-Germany)

Professor (Information Technology) & Coordinator (Business Informatics)

Indian Institute of Information Technology Allahabad, Prayagraj, India

(Declared as an Institute of National importance by Parliament of India)

Telephone No - 0532-2922218

Email ID- opvyas@iiita.ac.in

Organizing Members

Ayush Sinha:- pro.ayush@iiita.ac.in, 9910425685

Kumar Saurabh:- pwc2017001@iiita.ac.in, 8882104620