

## ABOUT THE COURSE

With rapid increase in the use of information and web resources for social networking and online trading, security threats and incidents are also alarmingly growing. The vulnerabilities in the information resources and hence the hacking activities at large, victimize the novice users on the web which needs creation of immediate awareness among the users to practice effective defense mechanisms against such activities and follow safe computing practices to contain the unprecedented growth of cyber crimes. The objective of this ATAL-FDP is to educate and enlighten the participants on various security incidents, counter measures and best defensive practices in order to remain safe in the cyberworld.

## COURSE CONTENTS

- Cyber Threats and Crimes
- Cyber Forensics
- Social Engineering Attacks and Countermeasures
- Security Assessment and Verification
- Information Security Policies and Standards
- Security Auditing
- Safe and Secure Computing
- Ethical Hacking
- Biometric and Video Surveillances Vulnerabilities and Countermeasures
- Vulnerability Research Techniques and Tools
- Policing the cybercrimes
- Blockchain and Cyber Security
- Botnet Cleaning and Malware Analysis
- Cyber Law and Ethics

## ELIGIBILITY

Faculty Members of the AICTE approved institutions, research scholars, PG students, participants from Government, Industry (Bureaucrats/Technicians), and School Teachers. The number of seats is limited to 200 (140 - External and 60- Internal).

## COURSE FEE – Nil

**e-Certificates** will be issued by the ATAL Academy to the participants who attend the FDP with minimum 80% of the sessions and secure 60% and above marks in quizzes conducted post every day after conducting the three sessions.

## REGISTRATION

Apply online as participant through ATAL-FDP portal (<https://atalacademy.aicte-india.org/>) Guidelines for application are available at <https://atalacademy.aicte-india.org/assets/data/portalFlowParticipant.pdf>

**Workshop ID: 1555**

1000+ ATAL-FDPs are scheduled for AY 2021-22. With single registration, a participant can apply for multiple workshops.



## ATAL-FDP (ONLINE) CYBER CRIMES, DEFENSIVE PRACTICES & SAFE COMPUTING

## RESOURCE PERSONS



Dr. K. Vivekanandan  
Principal, PEC



Dr. N. Sreenath  
Prof. & Registrar, PEC



Dr. R. Manoharan  
Prof. & Head, CSE, PEC



Shri. Rahul Ahwal, IPS  
SSP, Puducherry



Dr. G. Aghila  
Prof. & Registrar  
NIT Puducherry



Dr. B. S. Manoj  
Professor, IISST



Dr. T. Chithralekha  
Prof. & Dean  
Pondicherry University



Dr. R. Ravi  
Director (Research)  
Francis Xavier Engg.  
College, Tamil Nadu



Shri. T. Jayaprakash  
Art of Living Faculty



Shri. R. Rajasekaran  
Scientist - D, NIC



Shri. Sudhir Kaloth  
Sr. Director (IT)  
Oppenheimer, USA



Shri. Amrendra Sharan  
NITTR - Chandigarh



Smt. Ananthalakshmi Ammal  
Former Director & Head  
Cyber Security Group - CDAC



Dr. Bheemarjuna Reddy Tamma  
Professor, IIT Hyderabad



Shri. Ajinkya Lohakare  
CTO & Founder Ditto Security

## CONDITIONS FOR APPLYING

The participants are requested to register for this FDP, if and only if the applicant could get relieved from the regular duties from their respective organizations so as to attend all the 15 sessions fully.

## Mode of Delivery

The FDP will be conducted through **Google Meet** (link will be shared with the participants who are selected to attend). There will be three sessions per day. There will be an **online quiz** at the end of every day with review questions on the topics covered and the performance will be graded. In order to be eligible for receiving **e-certificate**, the participant must have secured a minimum of **60%** of marks.

## Session Timings

1. 9.15 a.m. to 11 a.m.
2. 11.15 a.m. to 1 p.m.
3. 2.15 p.m. to 4 p.m.

## Address for Correspondence

**Dr. KA. SELVARADJOU**  
Coordinator - ATAL FDP  
Department of Computer Science & Engineering,  
Pondicherry Engineering College,  
Pillaichavady,  
Puducherry - 605 014  
Mobile: 9444684258  
selvaraj@pec.edu



## ABOUT PUDUCHERRY

Heritage is one of the most precious gifts, Puducherry offers to its tourists and visitors. The coastal town of Puducherry with the French ambience is known for the serene atmosphere. The great poet Subramaniya Bharathi, Bharathidasan, Sri Aurobindo are some of the legends associated with Puducherry. Sri Aurobindo Ashram, Auroville, Bharathi Park, Ousteri lake, Chunambar boat house, Botanical Garden, Manakula Vinayagar Temple, and Arikamedu (archaeological importance) are some of the major tourist attractions of Puducherry.

## ABOUT THE INSTITUTION

**Pondicherry Engineering College (PEC)**, an autonomous institution started in the academic year 1985-86 is promoted and fully funded by the Government of Puducherry. It is upgraded to **Technological University** status w.e.f **September 5<sup>th</sup>, 2020**. It now offers 9 undergraduate, 13 post graduate courses, and PhD programmes in all branches of Engineering and basic Sciences. The college has been granted funds by NPIU under TEQIP Phases II& III. PEC is ranked 122 in Engineering Category by NIRF India Rankings 2020. PEC is one of the QIP minor research centres in India. The college is situated at Pillaichavady, about 12 Km from Puducherry town and about 150 Km from Chennai along the scenic beauty East Coast Road (ECR) on the shores of the Bay of Bengal.

## ABOUT THE DEPARTMENT

The Department of Computer Science and Engineering was established in the year 1985. The Department offers **B.Tech (CSE)**, Master of Computer Applications (**MCA**) and two **M.Tech** programmes with specializations on **Information Security** and **Data Science**. It also offers full time and part time **Ph.D** programme including **QIP** and **Atal Doctoral Fellowship (ADF)**. The department has a total of 23 full-time faculty members with all of them possessing highest educational qualification of Doctor of Philosophy.

## AICTE Training and Learning (ATAL) Academy



## ONLINE FACULTY DEVELOPMENT PROGRAMME

### CYBER CRIMES, DEFENSIVE PRACTICES AND SAFE COMPUTING

**JULY 12<sup>TH</sup> - 16<sup>TH</sup>, 2021**

**COORDINATOR**

**Dr. KA. SELVARADJOU**



**Organized by**

**Department of Computer Science & Engineering**  
**Puducherry Technological University**  
**(Erstwhile Pondicherry Engineering College)**

Pillaichavady, Puducherry - 605 014

Website : <http://www.pec.edu>