

# FACULTY DEVELOPMENT PROGRAMME

19 - 21 December 2017



## Registration Form

Name: .....

Designation:.....

Department: .....

Institution: .....

Address for Correspondence:.....

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Tel. (With STD code) (Off.):.....

(Mobile.):.....

E-mail ID:.....

Educational qualification: .....

Specialization: .....

Teaching Experience (in years): .....

Food preference: Vegetarian/Non-Vegetarian

Payment Details: Cash/DD/Cheque (Tick whichever is Applicable).

For DD/Cheque fill the following.

DD/Cheque No:.....Date:.....

Bank:.....

The details furnished above are true to the best of my knowledge. I agree to abide by the rules and regulations governing the programme. If selected, I shall attend the programme for the entire duration.

Place :

Date : Signature of the applicant

Recommendation and Signature of Head of Institution with office seal

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### TARGETED AUDIENCE

Faculty from departments of Computer Science and Engineering, Electronics and Communication Engineering and Information Technology from engineering colleges affiliated to APJ Abdul Kalam Technological University are eligible to apply. Faculty from any other department, if interested can also apply for the programme.

No TA/DA will be provided to the participants. Paid accommodation will be arranged on request.

### HOW TO APPLY

To register please e-mail scanned copy of the filled registration form to [erdcit.cdac@gmail.com](mailto:erdcit.cdac@gmail.com).

Registration Fee for the programme is Rs 500/-. The participant should bring the hard copy of the filled registration form and the registration fee by DD/cheque/cash, when they come to attend the programme . DD/ Cheque must be drawn in favor of ER&DCI Institute of Technology and payable at Trivandrum.

**Maximum number of participants is limited to 30.**

Last date of registration is 14<sup>th</sup> December 2017.

Selected candidates will be intimated through e-mail on 15<sup>th</sup> December 2017.



## FACULTY DEVELOPMENT PROGRAMME

ON



## SECURITY AND FORENSICS IN CYBER SPACE: ADVANCES AND FUTURE DIRECTIONS

19 - 21 December 2017

Sponsored by  
APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

Organized By



Department of Computer Science and Engineering  
ER&DCI INSTITUTE OF TECHNOLOGY  
C-DAC Thiruvananthapuram  
Ph: 0471 - 2723333 (Extn: 430)  
website: [www.erdcit.ac.in](http://www.erdcit.ac.in)

## COURSE RELEVANCE & OBJECTIVES

In the era of Digital India the need for cyber security and forensics is increasing. Increased Internet penetration has given exponential rise in sophisticated attacks on Information Technology (IT) infrastructure. Attackers are gaining access to sensitive information like credit card details and other financial information. Smartphone attacks are growing in multiple folds. The main objective of the course is to provide a basic understanding of Cyber Security and Forensics. The course also aims to discuss about the recent trends and research areas in Cyber Security and Forensics.

## COURSE CONTENTS

- Security in Cyber Space
- Hacker Techniques and Penetration Testing
- Malware Analysis
- Network Forensics
- Mobile Forensics
- Embedded System Security
- Social Media Analytics

## RESOURCE PERSONS

1. **Bhadran V K**  
Scientist F, C-DAC Thiruvananthapuram.
2. **Balan C**  
Scientist F, C-DAC Thiruvananthapuram.
3. **Vinukumar A R**  
Scientist F, C-DAC Thiruvananthapuram.
4. **Manu Zacharia**  
Professional Information Security Trainer.
5. **Hiron Bose**  
Principal Engineer, C-DAC Thiruvananthapuram.
6. **Sreenath S,**  
CEO Mashup Academy, Thiruvananthapuram.

## CONTACT PERSONS

**Elizabeth Rose Lalson**

Ph:9496331190, email: elizabeth@cdac.in

**Dhanalakshmi M P**

Ph:7907463997, email: dhanalakshmi@cdac.in

## ABOUT INSTITUTION

ER&DCI Institute of Technology is the academic wing of Centre for Development of Advanced Computing (C-DAC) Thiruvananthapuram. ER&DCI Institute of Technology was started in 2001 with a mission to groom and nurture competitive professionals, empowering them with state-of-the-art skill sets in Electronics and Information Technology. The College is affiliated to APJ Abdul Kalam Technological University (KTU) and approved by All India Council for Technical Education (AICTE).

## DEPARTMENT

The Department of Computer Science and Engineering was established in the year 2012 with the objective to impart quality education in the field of Computer Science. The department currently offers a Postgraduate Programme in Computer Science and Engineering with specialization in Cyber Forensics and Information Security. ER&DCI Institute of Technology is one of the very few institutes in the country to initiate industry specific academic programmes to cater to the growing need of trained professionals in this nascent field of cyber security. This M-Tech programme is designed to equip students with necessary knowledge and tools to fill the need for educated cyber security and cyber forensics practitioners, investigators and engineers. The students of this M-Tech Programme get a chance to do their academic projects as part of the live projects in C-DAC and get guidance from scientists of the Cyber Security Group, C-DAC Thiruvananthapuram. Eligible students are also offered internship upto 2 years in C-DAC Thiruvananthapuram.

## LOCATION

ER&DCI Institute of Technology is situated in the heart of Thiruvananthapuram city, inside the KELTRON campus at a walkable distance from Napier Museum Thiruvananthapuram and Vellayambalam Junction. It is 3.7 km away from Thiruvananthapuram Central railway station and Thampanoor Bus Stand.