



FACULTY DEVELOPMENT PROGRAMME (FDP) ON

RECENT TRENDS IN CYBER SECURITY AND FORENSICS (18-10-2021 to 27-10-2021)



Organized by

E & ICT Academy, NIT Warangal

in association with

**INDRA GANESAN COLLEGE OF ENGINEERING,
Trichy, Tamil Nadu**

(Sponsored by Ministry of Electronics and Information Technology (MeitY), GOI)

Preamble:

"Electronics & ICT Academy" was set up at NIT Warangal with financial assistance from MeitY, GoI. The jurisdiction of this academy is Telangana, Andhra Pradesh, Karnataka, Goa, Puducherry and Andaman & Nicobar Islands. This academy's role is to offer Faculty Development Programmes in standardized courses and emerging areas of Electronics, Information Communication Technologies, training & consultancy services for Industry, Curriculum development for Industry, CEP for working professionals, Advice and support for technical incubation and entrepreneurial activities.

About the FDP:

With increase in usage of the Internet, there has been an exponential increase in cyber-attacks. Cyber criminals use new and clever tricks to bypass security solutions. Cyber Security and Forensics are integral part of the organization's security services. The aim of this FDP is to promote research in Cyber Security and Forensics which includes topics like data collection tools, data scanning techniques for threat intelligence, data analytics, forensics tools for memory, mobile phones, network, Internet of things (IoT), social engineering, etc. This online FDP is aimed to discuss the state-of-the-art research and development in Cyber Security Intelligence and Forensics.

This Faculty Development Programme aims to impart knowledge about the real-time applications of Cyber Security and Forensics among the teaching community. Experts from academia and industry have been invited to deliver lectures about the contemporary cryptographic solutions for Cyber Security and Forensics applications. This FDP aims to provide a basic understanding of all the above aspects of cyber security and in forensics. It will provide a comprehensive understanding on the contemporary Security approaches in Cyberspace and Forensics applications that will help faculty to also pursue application development and research in this direction. The indicative pool of topics to be covered is as follows but is not limited to:

Major Course Contents:

- Introduction to Cyber Security
- Network Security Measures
- Vulnerability Assessment and Penetration Testing
- Cloud Security Engineering
- Wireless Network Security
- Software and Web Application Security
- Malware Analysis
- Cyber Physical System Security
- Introduction to cyber forensics
- Eminent Techniques in the Cyber-crime Investigation
- Digital Forensic
- Mobile Forensics and Challenges
- Social Media & Social Network Forensics
- Crypto Currency Forensics

Faculty conducting this programme:

The programme will be conducted by the faculty members from NIT Warangal; Academicians in the concerned field from IITs/NITs/IIITs are invited to deliver lectures in the programme. Speakers from industries are also expected to deliver as part of the course.

Registration Fee Particulars:

Faculty and Research Scholars	Rs. 750/-
Industry Participants	Rs. 2250/-

Participants need to pay the Registration Fee Online using the following details.

Online Transfer Details
Account Name: Electronics & ICT Academy NITW
Account No: 62423775910
IFSC: SBIN0020149
Bank and Branch: State Bank of India, NIT (REC) Warangal

How to apply:

Participants are required to fill the online registration form by clicking on the following link: <https://forms.gle/9msCLtoqtMY44Bx8>

Selection Criteria:

Selection will be done based on first-come-first-serve basis to a maximum number of 60 (sixty). Additionally, 10 participants from industry are allowed to participate. The list of selected participants will be intimated through e-mail. In case a candidate is not selected, the amount will be sent back. Candidates will be issued satisfactory certificates on successful completion of the course. Reservations are followed for selecting candidates as per GOI norms.

Important dates:

Last date (Application)	14-10-2021
Selection List by E- mail	16-10-2021
Duration	18-10-2021 to 27-10-2021
Timings	02.00PM – 06:00PM

About NIT Warangal:

National Institute of Technology, Warangal is the first among 17 RECs setup as joint venture of the Government of India and the state government. Over the years the college has established itself as a premier Institute imparting technical education of a very high standard leading to the B.Tech degrees in various branches of engineering, M.Tech. and Ph.D programmes in various specializations. All B. Tech and M. Tech programmes of NIT Warangal are NBA accredited.

About Indra Ganesan College of Engineering

Indra Ganesan College of Engineering, established at 2008 is a leading and organized educational institution run by Indra Ganesan Educational & Charitable Trust which has consistently followed a growth path owing to our philosophy of constant innovation, upgradation and well defined quality policy. We believe in educating people with the necessary skills to advance the engineering "state of the art". We have launched belief in the discovery of new knowledge through innovative research that encourages entrepreneurship and economic development to benefit our societies which lead us towards Excellence. Here equal importance is given to teaching and we follow ethical, environmentally responsible engineering practice, which is the need of this hour.

About Department of CSE & IT

The Department of CSE & IT was started in the year 2008 with an intake of 60 for each and M.E. (CSE) with 18 intake. The Department of CSE is recognized as a "research center" by Anna University, Chennai in the year 2016 and has highly sophisticated computing facilities and state-of-the-art laboratories for training and R&D activities in various areas of Computer Science & Information Technology. The Laboratory is set up to promote triangular linkage between industry, Academics and Government in the IT field. The faculty members have a good blend of industrial as well academic experience.



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- Name :
- Designation :
- Institution :
- Email :
- Mobile No :
- 6.

Reference No:
Amount:
Bank:
Date:

- Address for Correspondence:
- Educational Qualification:
- Subjects taught so far:
- No. of refresher courses/workshops attended:
- Experience (in years):
Teaching: Research: Industry:
- Do you belong to SC/ST : YES /NO

Declaration

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the Coordinator in case, I am unable to attend the course.

Signature of the Applicant

SPONSORSHIP CERTIFICATE

Dr. /Mr. /Ms. is an employee of our Institute/Organization and is hereby sponsored to participate in the FDP on "Recent Trends in Cyber Security and Forensics", sponsored by Electronics & ICT Academy during 18-10-2021 to 27-10-2021 at Indra Ganesan College of Engineering, Trichy, Tamil Nadu

Signature of Head of Institution
(with seal)

Address for correspondence
Post your application form

Dr.N.Kavitha

Department of CSE & IT,
Indra Ganesan College of Engineering,
Manikandam, Trichy - 620012.
Tamil Nadu, India

It is requested to all the delegates, after completion of application form, all the payment details, screenshot of the payment and scanned application form has to be uploaded in the following online registration link.

Registration Link:

For more details about Electronics & ICT Academy, NIT, Warangal, please visit: <https://nitw.ac.in/eict>

For more enquiries please contact:

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Coordinators

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