



ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP) ON Cyber Security Principles and Defensive Mechanisms

(21st March – 31st March 2022) (2PM – 6PM)

Organised by

Electronics & ICT Academy, NIT Warangal

in association with

Pondicherry University, Puducherry

(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:

Living in the digital age means hackers and cyberterrorists have endless opportunities to exploit individuals, government institutions, and even large companies. This faculty development programme will disseminate knowledge about information security concepts and technologies, the principles behind security architecture, how to mitigate vulnerabilities and threats, and how to implement risk and incident management to protect the infrastructure from a cyber-attack.

Major Course Contents:

- Introduction to Cyber Security
- Network Security Measures
- Vulnerability Assessment and Penetration Testing
- Cloud Security Engineering
- Network Security
- Software and Web Application Security
- Malware Analysis
- Multiserver Authentication
- Design of Secure Protocol
- Lightweight Cryptosystem
- IoT Security
- Cyber-Physical System Security
- Digital Forensics
- Ethical Hacking

Faculty conducting this programme:

The programme will be conducted in online mode 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 lectures as part of the course.

How to apply:

Participants are required to fill in the Online registration form given in the below link:

<https://forms.gle/xsoUjVq2Uh4bZBpd9>

Selection Criteria:

Selection will be done based on first-come-first-serve basis to a maximum number of 100. The list of selected participants will be intimated through e-mail. In case a candidate is not selected, the DD 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.

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

Important Dates:

Last date (Application & DD)	17.03.2022
Selection List by E-mail	19.03.2022
Duration	21.03.2022 to 31.03.2022

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 Pondicherry University:

Pondicherry University is a Central University established by an Act of Parliament in October 1985. It is an affiliating University with a jurisdiction spread over the Union Territory of Puducherry, Lakshadweep and Andaman and Nicobar Islands, and has satellite campuses at Karaikal and Port Blair. The University's objectives are to disseminate and advance knowledge by offering teaching and research facilities, to make provisions for studies in French and integrated courses in Humanities and the Sciences, and to promote interdisciplinary studies and research. The University has entered into MoUs with a good number of reputed international institutions in India and abroad for collaboration and faculty development. The Department of Computer Science aims at imparting quality education in Computer Science & Engineering and Information Technology through various post-graduate programmes.



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1. Name:

2. Designation:

3. Institution:

4. Email:

5. Mobile No:

6.

Reference No:

Amount:

Bank :

Date:

7. Address for Correspondence:

8. Educational Qualification:

9. Subjects taught so far:

10. No. of refresher courses/workshops attended:

11. Experience (in years):

Teaching:

Research:

Industry:

12. Do you belong to SC/ST: YES /NO

(If yes, please specify and attach a copy of caste certificate to claim the concession)

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.

Date

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 “Cyber Security Principles and Defensive Mechanisms”, sponsored by Electronics & ICT Academy during 21st March – 31st March, 2022 at Pondicherry University, Puducherry.

Signature of Head of Institution
(With seal)

Address for Correspondence

Post your application form:

Dr.P.Shanthi Bala

Assistant Professor

Department of Computer Science

School of Engineering and Technology

Pondicherry University

Puducherry -605014

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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