ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
on
Cyber Security for Industry 4.0
(25th June – 04th July, 2024)
Organized by
E & ICT Academy, National Institute of Technology, Warangal
In association with
Xavier Institute of Engineering, Mumbai University, Mahim, Mumbai
(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 Programs instandardized 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:

The Faculty Development Program will help to disseminate the knowledge in the domain of Cyber Security. It empowers the participants to understand how Cyber Security can be used to innovate and improve the security process and Real time applications. The participants will be trained with hands-on approach in order to have an in-depth insight into the domain of Cyber Security and expose them to Feasibility & future scope.

Major Course Contents:

- ❖ Understanding Industry 4.0
- ❖ 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
- ❖ Introduction to Digital Forensics
- ❖ Introduction to Ethical Hacking
- ❖ Introduction to AWS
- ❖ Hands-on: Deploying Application on AWS
- ❖ IoT Security
- ❖ AI and Machine Learning Security
- ❖ Blockchain Security

Resource Person for the Programme

The program 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 program. Speakers from industries are also expected to deliver as part of the course.

Registration Fee Particulars:

Faculty and Research Scholars	**Rs.1000/-**
Industry Participants	**Rs.3000/-**

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/ZvjeYdeb3BhubRHR8**

Selection Criteria:

Selection will be done based on first-come-first-serve basis to a maximum number of 100 (Hundred). 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 registration fee 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

Important Dates:

Last date (Application & DD)	**22.06.2024**
Selection List by E-mail	**23.06.2024**
Duration	**25.06.2024 to 04.07.2024**

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, MTech. and Ph. D programs in various specializations.

About XIE, Mumbai:

Xavier Institute of Engineering (XIE), a sister institute of St. Xavier's College, Fort, Mumbai was established in 2005, and is a part of an international network of Jesuit Educational Institutions which includes 138 universities and 3413 Educational Institutions in 120 countries. XIE has got NBA accreditation for 2 programs and also NAAC accredited. XIE is the only Engineering college in India to have a Gait laboratory. This laboratory is sponsored by Marquee University, USA. XIE is ranked 57 among the top 170 Engineering Institute Rankings, 2022 XIE received the Green Mission Award from ONP Solar Private Limited for three consecutive years (2019, 2020, 2021). XIE also received the World Education Congress Award – 2022.

About Information Technology Department:

Information Technology department started functioning from the year 2005 with an intake of 60, offering bachelor's degree in Information Technology. The department has a mission to cultivate critical thinking skills through interactive learning in IT, equipping students with the technical expertise needed to address a wide array of IT challenges. We prioritize industry engagement and strive to instill social and professional ethics in our undergraduates while fostering a culture of lifelong learning. Notably, the IT department attained NBA accreditation in 2023

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1. Name:
2. Designation:

3. Institution:
4. Email:

5. Mobile No:
6. Bank Details:

Reference No:	
Amount:	
Bank:	
Date:	

7. Address for Correspondence:

8. Education Qualification:

9. Subjects taught so for:
10. No. of refresher courses/ workshops attended:

11. Experience (in years): _____

Teaching: _____ Research: ___ Industry: _____

Declaration:
The information provided is true to the best of my knowledge. If selected, I agree to abide by the rule 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 for Industry 4.0**", sponsored by **Electronics & ICT Academy during 25th June – 04th July, 2024** at Xavier Institute of Engineering, Mahim, Mumbai.

Signature of Head of Institution
(with seal)

Address for correspondence
Post your application form to:
Ms. Stella J,
Assistant Professor,
Department of IT,
Xavier Institute of Engineering, Mumbai 400016
Mobile: +91 8778076008

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

Registration Link:
https://forms.gle/ZvjeYdeb3BhubRHR8
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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Email: stella@xavier.ac.in

Coordinators

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