XAVIER INSTITUTE OF ENGINEERING
Department of Information Technology
(NBA Accredited)
(Approved by AICTE, Accredited with "A+" by NAAC, Affiliated to Mumbai University,
Recognized by DTE, Govt. of Maharashtra)
Mahim Causeway, Mahim, Mumbai - 400 016 • Phone : +91 7249371505 /+91 9920407274
Email ID : hod-it@xavier.ac.in• Website : www.xavier.ac.in

Title of the event: Faculty Development Program on Cyber Security for Industry 4.0

Event Date: 08th July – 17th July, 2024 (10 days)

Time: 10:30 am - 12:30 pm, 06:30 pm-8:30 pm

Event Coordinators: Prof. Stella J

No. of Participants: Professors, Research Scholars

Platform: Online

Description:

The Online Faculty Development Programme (FDP) on "Cyber Security for Industry 4.0" was conducted from 8th July to 17th July, 2024, organized by the E & ICT Academy at the National Institute of Technology (NIT), Warangal. Sponsored by the Ministry of Electronics and Information Technology (MeitY), Government of India, and in association with Xavier Institute of Engineering, Mumbai, this programme aimed to enhance faculty knowledge and expertise in the field of cyber security, specifically in the context of Industry 4.0.

The FDP comprised a series of technical sessions, with subject-matter experts from prestigious institutions and organizations, focusing on various aspects of cyber security, emerging technologies, and their application in Industry 4.0.

Objective:

The objective of the FDP was to equip faculty members with the necessary skills and knowledge to understand the challenges, trends, and tools related to cyber security in Industry 4.0. It aimed to explore concepts like cryptography, network security, cloud security, blockchain, cyber forensics, and cyber-physical systems, which are essential in securing industrial systems and data in the current digital age.

Detailed Session Overview:

Day 1: 08th July 2024

The FDP commenced at 10 am with an inaugural session that highlighted its goals and significance. This opening session set the stage for the program, underscoring the importance of cyber security in the context of Industry 4.0 and the pivotal role faculty members play in disseminating knowledge in this field. Following this, Dr. Anil presented an in-depth discussion on cryptography, a foundational aspect of cyber security. He explained encryption algorithms, the concepts of public and private keys, and how cryptographic techniques are

essential for securing data and communications, particularly in industrial settings. The session emphasized the critical role of cryptography in safeguarding sensitive data and communications within Industry 4.0. Next, Dr. Venkanna provided an introduction to cyber security, stressing its importance in protecting critical infrastructure and data. This session covered various cyber threats, security protocols, and defense strategies necessary to protect industrial systems and networks.

Day 2: 09th July 2024

Dr. Shiv Dharshan conducted a comprehensive session on network security measures, emphasizing strategies to protect industrial networks from cyber threats. He covered essential topics such as firewalls, intrusion detection systems (IDS), intrusion prevention systems (IPS), and secure network protocols, all crucial for securing industrial networks in the context of Industry 4.0. In the afternoon session, Mr. Naushad addressed the challenges and techniques for securing wireless and mobile networks, which are increasingly vital as Industry 4.0 systems depend heavily on wireless communication and mobile devices. He focused on encryption methods and security protocols designed to mitigate the risks associated with these emerging technologies

Day 3: 10th July 2024

Dr. Shyam Kumar delivered a session on cloud security engineering, emphasizing the vulnerabilities within cloud infrastructures and best practices to secure them. He explored various security measures to protect data, applications, and services hosted in cloud environments, which are crucial in Industry 4.0 for managing and processing large-scale industrial data. In the afternoon session, he further elaborated on cloud security engineering, providing a deeper understanding of secure cloud configurations, access control policies, and threat detection and mitigation strategies, all essential for safeguarding cloud-based industrial systems. Additionally, a hands-on session on cloud security was conducted, which greatly benefited the participants by offering practical insights into implementing security measures in cloud environments.

Day 4: 11th July 2024

Mr. Sathish conducted a practical and technical session on malware analysis, where he explained the different types of malware that can impact industrial systems, such as viruses, worms, and ransomware. The session also covered malware detection techniques, reverse engineering, and best practices for defense against these threats. In the afternoon session, Mr. Naushad presented on cyber-physical systems (CPS), which combine computer-based algorithms with physical processes. He highlighted the critical importance of securing these systems, as they are fundamental to modern industrial operations, and discussed how vulnerabilities in CPS could lead to severe consequences.

Day 5: 12th July 2024

Dr. Guravaiah delivered a session on host and intrusion detection systems (IDS), explaining how these systems monitor networks and host machines to detect and respond to potential

security breaches. He discussed various techniques for identifying unauthorized access and safeguarding sensitive data from cyber threats. In the afternoon session, he demonstrated use cases of Industry 4.0, focusing on the application of cyber security measures in real-world industrial environments. He illustrated how security protocols are implemented across industries such as manufacturing and logistics to protect data and ensure seamless operations.

Day 6: 13th July 2024

Mr. Ram introduced the concept of blockchain security, explaining how blockchain technology can be leveraged to secure transactions and data in Industry 4.0 environments. He covered the fundamental principles of blockchain, its applications in securing industrial data, and how it can prevent unauthorized access or tampering of information. In the afternoon session, Mr. Ram continued his discussion on blockchain security, delving into advanced techniques and exploring real-world applications of blockchain in securing digital transactions and data flows within industrial systems.

Day 7: 14th July 2024

Mr. Naushad presented the IEC 62443 Cyber Security Standards, which are vital for securing industrial automation and control systems. He explained the framework's guidelines for ensuring the safety and reliability of industrial systems by preventing cyber threats and maintaining operational continuity. In the afternoon, Dr. Padmavathy addressed cyber security in critical infrastructure, focusing on securing systems essential to industries such as power plants, water supply, and transportation. She discussed risk management strategies and techniques to protect these crucial systems from cyber threats, ensuring their resilience and smooth operation.

Day 8: 15th July 2024

Dr. Hiren V. Nath introduced cyber forensics, the science of investigating cybercrimes. He explained the various tools and techniques used in cyber forensics, with a particular focus on how they can be applied to detect and address cyber incidents in industrial environments. In the afternoon session, he continued with a discussion on advanced techniques in cyber-crime investigation, exploring sophisticated methodologies used to investigate and resolve cyber incidents. The session also emphasized the legal aspects of cyber-crime investigations and the critical importance of maintaining evidence integrity throughout the process.

Day 9: 16th July 2024

Dr. Hiren V. Nath continued his exploration of advanced cyber-crime investigation techniques, focusing on methods used to track cyber criminals and analyze digital evidence. He delved deeper into digital forensics, explaining the processes and tools used to recover and analyze digital evidence from electronic devices and networks. Dr. Nath emphasized how digital forensics is crucial in securing industrial systems from cyber-attacks. Additionally, a hands-on session on File Scraping was conducted, providing participants with practical experience in extracting and analyzing data from digital files to support cybercrime investigations.

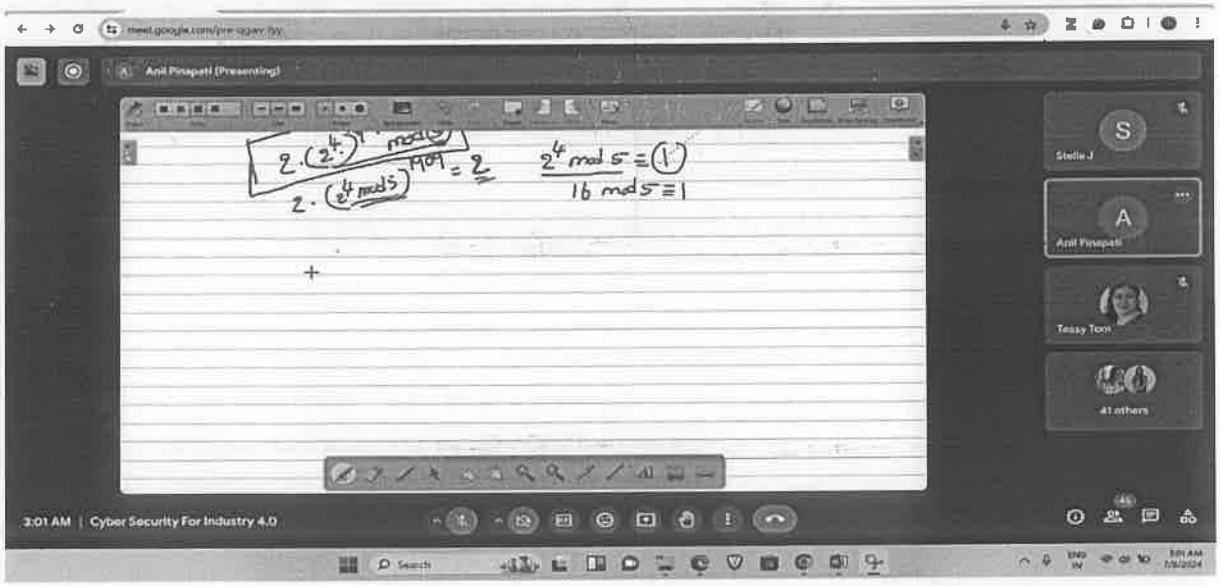
Day 10: 17th July 2024

Dr. Padmavathy concluded the discussion on cyber security in critical infrastructure by summarizing the key points and strategies for protecting both industrial and governmental infrastructures from cyber threats.

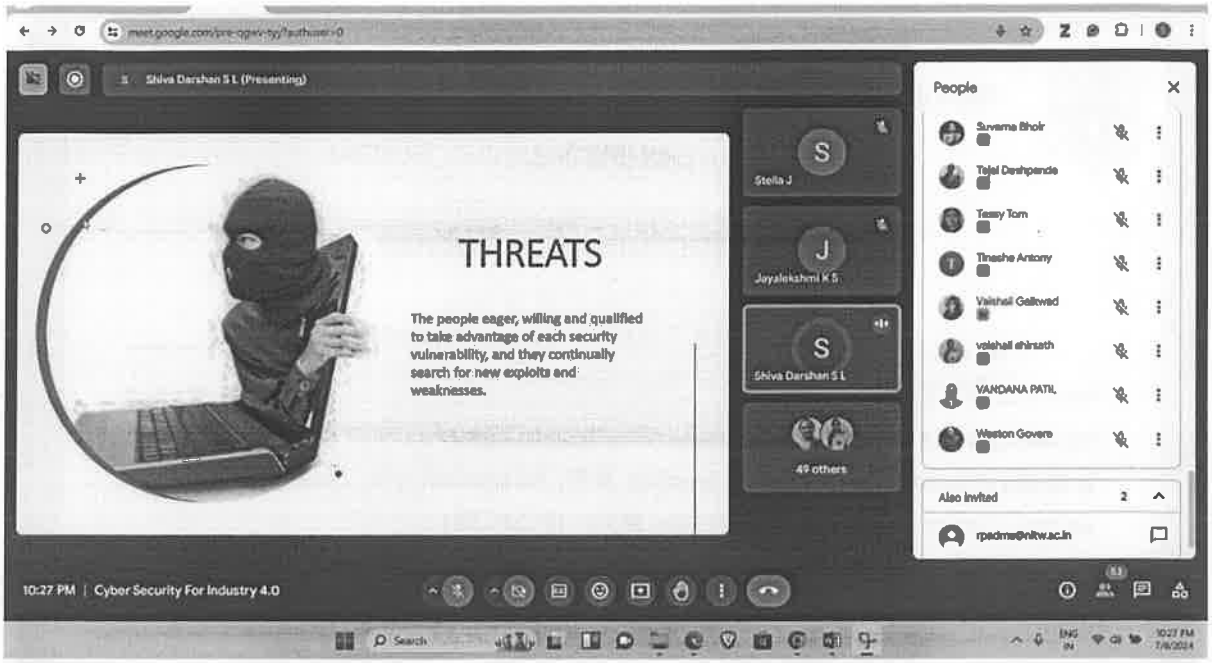
The program culminated with the Valedictory session, where participants had the opportunity to reflect on the valuable insights they had gained throughout the FDP. An online assessment was conducted to evaluate participants' understanding, followed by the collection of feedback to enhance the quality of future FDPs.

Event Photos:

Inauguration of the FDP program Cyber Security for Industry 4.0

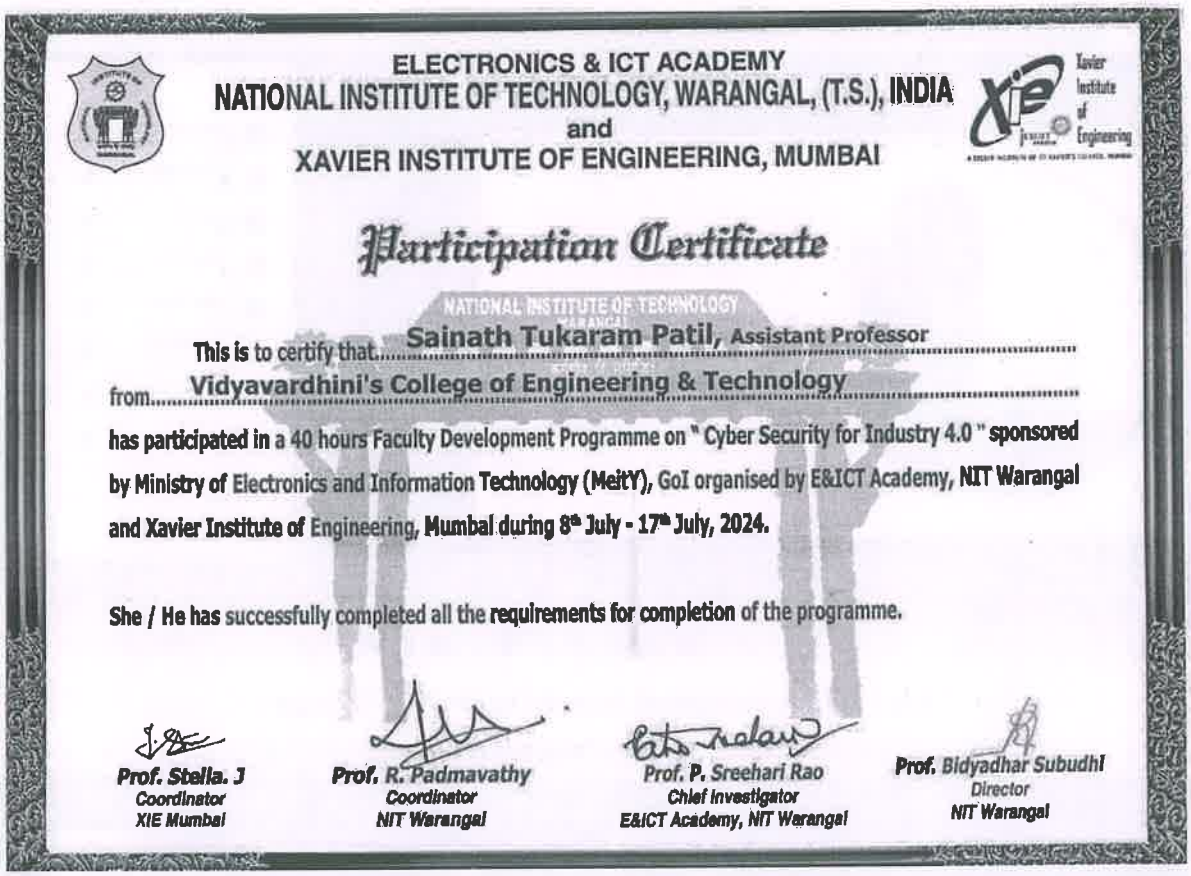


Day1 session on Cryptography by Dr. Anil



Day1 session on Network Security by Dr. Shiv Dharshan

Valedictory ceremony of the FDP program Cyber Security for Industry 4.0



ELECTRONICS & ICT ACADEMY
NATIONAL INSTITUTE OF TECHNOLOGY, WARANGAL, (T.S.), INDIA
and
XAVIER INSTITUTE OF ENGINEERING, MUMBAI

Xavier Institute of Engineering

Participation Certificate

NATIONAL INSTITUTE OF TECHNOLOGY

This is to certify that Sainath Tukaram Patil, Assistant Professor
from Vidyavardhini's College of Engineering & Technology
has participated in a 40 hours Faculty Development Programme on " Cyber Security for Industry 4.0 " sponsored by Ministry of Electronics and Information Technology (MeitY), GoI organised by E&ICT Academy, NIT Warangal and Xavier Institute of Engineering, Mumbai during 8th July - 17th July, 2024.

She / He has successfully completed all the requirements for completion of the programme.

Prof. Stella. J
Coordinator
XIE Mumbai

Prof. R. Padmavathy
Coordinator
NIT Warangal

Prof. P. Sreehari Rao
Chief Investigator
E&ICT Academy, NIT Warangal

Prof. Bidyadhar Subudhi
Director
NIT Warangal

Sample Certificate of the Participant of FDP program Cyber Security for Industry 4.0

18/7/2024

18/7/2024

Prof. Stella J	Dr. Jaychand Upadhyay	Dr. Y.D. Venkatesh
FDP Coordinator	HOD-IT	Principal

ELECTRONICS &ICT ACADEMY

NATIONAL INSTITUTE OF TECHNOLOGY

WARANGAL – 506004, TELANGANA STATE – INDIA

Guidelines to host an online FDP in association with Electronics & ICT Academy, NIT Warangal

1. Minimum number of Participants should be 50 and maximum of 100 participants are permitted.
2. Speakers and Lecture Schedule will be identified by the coordinator from NIT Warangal in consultation with coordinator from your college.
3. Academy will meet all the expenses of the speakers (accommodation, honorarium, food etc.)
4. There will be a registration fee of Rs. 750 per participant for faculty and Rs. 2250 per participant for industry participants for 40 hours FDP.
5. Research scholars are allowed for each FDP up to maximum of 5% of the strength.
6. FDPs will be conducted only 4 hours per day so that participants at host institute can attend their normal work other than this span of 4 hours. Hence total duration of 40 hours online FDP is 10 days and equivalent to one week FDP.
7. If you need any further details, Please contact us on eict.nitw@gmail.com.
8. Budget and other details will be sent to you by email once your FDP is approved.

APPLICATION FORM

Name of the Institution	XAVIER INSTITUTE OF ENGINEERING			
Address of the Institution	MAHIM CAUSEWAY, MAHIM, MUMBAI, MAHARASHTRA – 400016			
Name(s) of the FDP(s)	1.	SECURE CLOUDOPS		
	2.	CYBER SECURITY FOR INDUSTRY 4.0		
Preferable Dates to conduct the FDP	1.	10/06/2024 – 20/06/2024		
	2.	18/06/2024 – 27/06/2024		
	3.	25/06/2024 – 04/07/2024		
Do you accept for all the guidelines given above	**Yes**	✓	**No**	
Coordinator Name	STELLA J.			
Designation	ASSISTANT PROFESSOR			
Department	INFORMATION TECHNOLOGY			
Email Id	stella@xavier.ac.in			
Ph. No	**Landline**	–	**Mobile**	8778076008

Place: Mumbai

Date: 23/02/2024

XAVIER INSTITUTE OF ENGINEERING MUMBAI

Signature of Principal / Head of Institution
(With seal)

Stella J <stella@xavier.ac.in>

Registration and Budget details for Cyber Security for Industry 4.0 FDP

EICT NITW <eict.nitw@gmail.com>
To: Stella J <stella@xavier.ac.in>, PADMAVATHY R <rpadma@nitw.ac.in>

Mon, Mar 4, 2024

Dear Sir/ Madam,

As per the request letter sent from your college, your course is approved and you need to plan the programme and prepare the brochure and lecture schedule as soon as possible and send it to e-mail: eict.nitw@gmail.com to publish on the website.

I am also giving below the contact details of coordinator(s) and email address(es). Please contact the coordinator from NIT Warangal to plan the FDP.

Cyber Security for Industry 4.0	1. Prof. R. Padmavathy, Dept. of CSE, NIT Warangal Email:rpadma@nitw.ac.in Ph. No: 9381265691 2. Stella. J, Dept. of IT, Xavier Institute of Engineering, Mumbai Email: stella@xavier.ac.in Ph. No: 8778076008	25th June - 4th July, 2024	Online

Please find the attached documents for the instructions, Participant List format.

Thank you
E & ICT

2 attachments

4particlpant list1.docx
61K

Online Mode - Instructions.docx
18K

Online Mode

Terms and conditions for organizing Online FDPs:

1. Registration details:
   - For faculty/research scholars: Rs. 1000 for 40 hour FDPs.
   - Research scholars are allowed for each FDP up to maximum of 5% of the strength.
   - No complimentary registrations

2. Please note that if the number of participants is below 50, the programme should be cancelled.

3. Maximum of 100 participants are permitted to enroll for an FDP as monitoring, responding to the questions, doubts beyond that number is difficult for the speaker.

4. It is decided to conduct only 4 hours per day so that participants at host institute can attend their normal work other than this span of 4 hours. Hence total duration of 40 hours online FDP is 10 days and equivalent to one week FDP.

5. Platform through which resource persons and participants are connected will be provided by the academy.
6. Laboratory sessions/demo can be online or conduct at the host institute under online monitoring and guidance of the concerned resource person.
7. Honorarium bill (filled in complete with signatures of resource person) along with NEFT Formand a copy of PAN card should be collected by the coordinator from each resource person.

8. Printing of certificates and posting will be done centrally at the academy and coordinator can take the help of office of E&ICT Academy in this regard.

9. The following are approved budget details for online FDPs.

Budget for 40 hours Programme		
S. No	**Particulars**	**Approved expenditure**
1	Honorarium for resource persons @Rs.2,000/- per hour	Rs.80,000
2.	Material preparation expenses @ Rs.500/- per hour	Rs.20,000
3	Travel, Food and accommodation expenses for resource persons	NIL
4	Certificates Printing and postage expenses and Any expenses in providing online platform for delivering teaching, demo	Upto a maximum of Rs.5,000*

*- Includes Rs. 2000/- Secretarial Assistance Overhead from Academy

ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)

on

Cyber Security for Industry 4.0

(08th July – 17th 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)	**05.07.2024**
Selection List by E-mail	**06.07.2024**
Duration	**08.07.2024 to 17.07.2024**

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

ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)

on

Cyber Security for Industry 4.0

(08th July – 17th 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)

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 08th July – 17th 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:

Ms. Stella J,
Assistant Professor,
Department of IT,
Xavier Institute of Engineering, Mumbai 400016
Mobile: +91 8778076008
Email: stella@xavier.ac.in

Coordinators

Dr. R. Padmavathy
Professor
Department of CSE, NIT Warangal
Email: rpadma@nitw.ac.in
Mob: +91 93812 65691

Prof. Stella J
Assistant Professor
Department of IT, XIE, Mumbai
Email: stella@xavier.ac.in
Mob: +91 8778076008

ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)

on

Cyber Security for Industry 4.0

(08th July – 17th July, 2024)

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E & ICT Academy, National Institute of Technology, Warangal

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

In association with

Xavier Institute of Engineering, Mumbai

	Session 1		Session 2	
Day	**Time**	**Session Details**	**Time**	**Session Details**
08-07-2024	10am – 12pm	**Inauguration** Introduction to Cyber Security (Dr. U. Venkanna NIT, Warangal)	02pm – 04pm	Cryptographic fundamentals (Dr. P. Anil NIT, Calicut)
09-07-2024	10am – 12pm	Network Security Measures (Dr. Shiv Dharshan, NIT, Warangal)	06pm – 08pm	Wireless and Mobile Security (Mr. Tayab Naushad, CDAC, Hyderabad)
10-07-2024	10am – 12pm	Cloud Security Engineering (Dr. Shyam Kumar, IDRBT)	02pm – 04pm	Cloud Security Engineering (Dr. Shyam Kumar, IDRBT)
11-07-2024	10am – 11:30pm	Malware Analysis (Mr. Sai Sathish, Indian Servers Pvt Ltd)	06pm – 08pm	Cyber Physical System (Mr. Tayab Naushad, CDAC, Hyderabad)
12-07-2024	10am – 12pm	Host/ Intrusion Detection System (Dr. Guravaiah, IIIT Kottayam)	02pm – 04pm	Use case of Industry 4.0 (Dr. Guravaiah, IIIT Kottayam)
13-07-2024	02pm – 04pm	Blockchain Security (Mr. T. Ram, UTC, Hyderabad)	04pm – 06pm	Blockchain Security (Mr. T. Ram, UTC, Hyderabad)
14-07-2024	10am – 01pm	Introducing IEC 62443 Cyber Security Standards (Mr. Tayab Naushad, CDAC, Hyderabad)	02pm – 03:30pm	Cyber Security in Critical Infrastructure (Dr. Padmavathy, NIT Warangal)
15-07-2024	10am – 12pm	Introduction to Cyber Forensics (Dr. Hiren V Nath, NIT Calicut)	02pm – 04pm	Eminent Techniques in the Cyber-crime Investigation (Dr. Hiren V Nath, NIT Calicut)
16-07-2024	10am – 12pm	Eminent Techniques in the Cyber-crime Investigation (Dr. Hiren V Nath, NIT Calicut)	02pm – 04pm	Digital Forensics – I (Dr. Hiren V Nath, NIT Calicut)
17-07-2024	10am – 12pm	Cyber Security in Critical Infrastructure (Dr. Padmavathy, NIT Warangal)	01pm – 03:30pm	**Valedictory session** **Online Assessment & Feedback**

Coordinators	
Prof. R. Padmavathy Professor Department of CSE, NIT Warangal Email: rpadma@nitw.ac.in	Prof. Stella J Assistant Professor Department of IT, XIE, Mumbai Email: stella@xavier.ac.in

ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)

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Organized by

E & ICT Academy, National Institute of Technology, Warangal

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Xavier Institute of Engineering, Mumbai University, Mahim, Mumbai

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

Dear Participant,

- The Platform used to conduct this online FDP is **Google Meet.**
- Please use the Session Links provided below to join the session every day.

FDP Name: Cyber Security for Industry 4.0
FDP Dates: 08th July- 17th July 2024

Session Link

Meeting link: https://meet.google.com/pre-qgwv-tyy

- Same Link is used for all the days.
- Please note that 80% attendance and attending the test/ assignment is mandatory to receive the certificate.
- Attendance is automatically generated through the **Google Meet.**
- Session Recordings will not be provided to the participants as the participants have to attend all the live sessions only.
- Any Materials/ PPTs or assignments provided by the speakers will be shared with the participants.

Electronics & ICT ACADEMY
NATIONAL INSTITUTE OF TECHNOLOGY
WARANGAL – 506004, TELANGANA STATE – INDIA

FDP Name: **Cyber Security for Industry 4.0**
Dates: 08/07/2024 – 17/07/2024

Participants List

S No	Name	Designation	College name in Full with Place	Gender	Category (SC/ST) (Please Specify Clearly SC or ST)	Phone no.	Mail - Id	DD No./NEFT No.	Date of Transaction	Amount
1.	Omprakash Yadav	Asst Professor	Xavier institute of engineering, Mumbai	Male	General	9819021310	omprakash.y@xavier.ac.in	414260995401	21-05-2024	1000/-
2.	Nilambari Gajanan Narkar	Assistant Professor	Xavier institute of engineering, Mumbai	Female	General	9967829501	nilambari.n@xavier.ac.in	414391373574	22-05-2024	1000/-
3.	M Rojitha Priyadarshini	Assistant Professor	Andhra Loyola Institute of Engineering and Technology, Vijayawda	Female	SC	9494756351	mrojithapriyadarshini@gmail.com	414322025961	22-05-2024	1000/-
4.	Aparna Prashant Bhonde	Assistant Professor	Datta Meghe College of Engineering, Airoli	Female	General	9819829042	aparna.bhonde@dmce.ac.in	DEW2469517	28-05-2024	1000/-
5.	Nisha Mariam Varughese	Research Scholar	Kumaraguru College of Technology, Coimbatore, TN	Female	General	8489661861	nishamecse@gmail.com	414969685867	28-05-2024	1000/-
6.	Suhas Janardan Lawand	Assistant Professor	Xavier institute of engineering, Mumbai	Male	General	9821127648	suhas.l@xavier.ac.in	451854393629	31-05-2024	1000/-

7.	Reeta Koshy	Assistant Professor	Sardar Patel Institute of Technology, Mumbai.	Female	General	9821453223	reeta_koshy@spit.ac.in	UPI ID 415179864331	30-05-2024	1000/-
8.	Somnath Tandale	Assistant Professor	Ramrao Adik Institute of Technology, Nerul, Navi Mumbai	Male	OBC	9702393164	somnath.tandale@rait.ac.in	T24060612382 36125251755	06-06-2027	1000/-
9.	Dheeraj Verma	Research Scholar	Research Scholar lab, Electrical Engineering Department, Malaviya National Institute of Technology, Jaipur	Male	SC	9086412917	2021ree9058@mnit.ac.in	415918403471	07-06-2024	1000/-
10.	R Lakshman Naik	Assistant Professor(c)	Ku College Of Engineering And Technology, Hanamkonda, Telangana	Male	ST	9177644143	lakshman.ramavathu@gmail.com	T24060712124 72444214660	07-06-2024	1000/-
11.	Dr. Cici Jennifer Raj J	Assistant Professor	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai	Female	OBC	7550220909	drcicijenniferrajj@veltech.edu.in	T24060811561 31789645064	Bank of Baroda	1000/-
12.	V Sivamurugan	Associate Professor	Dept of IT, Srisivasubramaniya Nadar College of Engineering, Kalavakkam, Thiruporur, TN	Male	OBC	7358762565	sivamuruganv@ssn.edu.in	53632680	14-06-2024	1000/-
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