



Faculty Development Program



VIT[®]
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

Title : Emerging Trends and Research Challenges in Cyber Security and Digital Forensics

Date : 12-Feb-2024 - 16-Feb-2024

Time : 10:00 - 17:30

Venue : CENTRAL LIBRARY - VIDEO
CONFERENCING HALL

Discussion Points

- Attack detection
- Counter measure technique and Future Direction

	<p>Resource Person 1 - Details Name : Dr Nminath Bubbali Designation : Associate Professor, Dept of Computer Science and Engineering University/ Company : IIT, Indore Address : iIndia, 453552.</p>
	<p>Resource Person 2 - Details Name : Dr Bhupendra Singh Designation : Associate Professor, Dept of Computer Science and Engineering University/ Company : IIIT, Pune Address : India, 412109.</p>
	<p>Resource Person 3 - Details Name : Dr Noor Mahammad Sk Designation : Associate Professor, Dept of Computer Science and Engineering University/ Company : IIITDM, Kanchipuram Address : India, 600127.</p>
	<p>Resource Person 4 - Details Name : Arunkumar T Designation : Professor Higher Academic Grade, School of Computer Science and Engineering University/ Company : VIT, Vellore Address : India, 632014.</p>
	<p>Resource Person 5 - Details Name : Madhu Viswanatham V Designation : Professor Grade 2, School of Computer Science and Engineering University/ Company : VIT, Vellore Address : India, 632014.</p>
	<p>Resource Person 6 - Details Name : Senthil Kumar K Designation : Professor Grade 1, School of Computer Science and Engineering University/ Company : VIT, Vellore Address : India, 632014.</p>
	<p>Resource Person 7 - Details Name : Navamani T M Designation : Associate Professor Sr., School of Computer Science and Engineering University/ Company : VIT, Vellore Address : India, 632014.</p>

**Resource Person 8 - Details****Name :** Dr Ghanshyam S Bopche**Designation :** Assistant Professor, Department of Computer Applications**University/ Company :** National Institute of Technology, Tiruchirappalli**Address :** India, 620015.**Resource Person 9 - Details****Name :** Jayakumar S**Designation :** Assistant Professor Sr. Grade 2, School of Computer Science and Engineering**University/ Company :** VIT, Vellore**Address :** India, 632014.

Resource Person's Profile :

1. Profile of Dr Nminath Bubbali

I am a Professor in the Department of Computer Science and Engineering, Indian Institute of Technology Indore. I earned my PhD from the Department of Computer Science and Engineering, Indian Institute of Technology Guwahati. My research problems mainly related to Network Security, System Security, Information Centric Networking and Fault Detection in Networks

2. Profile of Dr Bhupendra Singh

Dr. Bhupendra Singh is serving as an Associate Professor in Department of CSE, IIIT Pune. He is a Computer Hacking Forensic Certificate certified professional. His are of interest included digital forensics, Windows forensics, database forensics and cyber security technologies. He serves as a technical committee member in many international conferences on Digital forensics and Cyber Security

3. Profile of Dr Noor Mahammad Sk

Dr. Bhupendra Singh is serving as an Associate Professor in Department of CSE, IIIT Pune. He is a Computer Hacking Forensic Certificate certified professional. His are of interest included digital forensics, Windows forensics, database forensics and cyber security technologies. He serves as a technical committee member in many international conferences on Digital forensics and Cyber Security

4. Profile of Arunkumar T

Dr. Arunkumar T is currently Professor Higher Academic Grade, School of Computing Science and Engineering, VIT, Vellore, India. He is having several years of experience working in academia, teaching, and research. He has guided more than 25 Ph.D students, His area of research includes Data Analytics, Machine learning, Artificial Intelligence, IOT, and Computer Network.

5. Profile of Madhu Viswanatham V

Dr.V.Madhu Viswanatham is currently Professor,School of Computing Science and Engineering, VIT University,Vellore,india. He is having several years of experience working in academia,teaching, an research.He has guided and supervising Scholars. He received his Ph.D in Computer Science and Engineering from SK University,AndhraPradesh, India. He has supervised M.Tech and B.Tech students. He organized several workshops and faculty development programs. His research interests include information S

6. Profile of Senthil Kumar K

Dr. Senthilkumar K is a Professor in the Information Security Department at the SCOPE. His research focuses on Artificial Intelligence, Machine Learning, Deep Learning, Big Data, and Security.

7. Profile of Navamani T M

Dr. Navamani T.M. received her Ph.D and M.E. (CSE) at Anna University Chennai. She has 26 years of teaching experience and works as an Associate Professor Senior in the School of Computer Science and Engineering, VIT, Vellore. She has published more than 45 papers in International, national journals, conferences and book chapters. Her area of interest is Data Sciences, Human Computer Interaction, Wireless Ad Hoc Networks, Cyber security and Mobile Computing. She is a life member of India

8. Profile of Dr Ghanshyam S Bopche

Dr. Ghanshyam S. Bopche is an Assistant Professor in the Department of Computer Applications at the National Institute of Technology Tiruchirappalli (NITT), India. He received his Ph.D. from Institute for Development and Research in Banking Technology (IDRBT) and University of Hyderabad (UoH), India in the year 2017. His main research interest is in the general areas of Cyber security with an emphasis on network hardening to increase the network robustness against known and unknown (zero-day) a

9. Profile of Jayakumar S

Dr. Jayakumar Sadhasivam is an Assistant Professor Senior Grade 2 at Vellore Institute of Technology (VIT) in the School of Computer Science and Engineering (SCOPE). His areas of expertise include Open Source Programming, Cyber and Network Security, Storage Technologies, and Machine Learning. His research interests are in the use of technology in education and developing open-source software that takes into consideration the unique needs of learners

In this digital world, where people are increasingly wired to social media and the internet, the concerns of cyber security, cyber bullying, cyber hygiene are pertinent. This FDP has been designed to give an extensive overview of cyber security issues, tools and techniques that are critical in solving problems in the cyber security domain. This One week programme will enlighten the trends and challenges in the security of cybercrime and digital forensics for secure data and computer resources that are vulnerable to security threats. Cyber Security and Digital Forensics are integral part of the organization's security services. Digital forensics analysts mainly work to retrieve, catalogue, and safeguard digital data related to criminal and cybercrime investigations. This programme will help to gauge understanding in essential techniques in protecting information systems, IT Infrastructure, analyzing and monitoring potential threats and attacks, devising security architecture and implementing security solutions

CS and DFS tools

Coordinator's: Prof. MANJULA R 10167 - Professor Grade 1 - SCOPE
Prof. MYTHILI N 10295 - Associate Professor Grade 2 - SCORE