

Discussion Points

Title : A Deep Insight into Cutting-edge Technologies of Cybersecurity, AI and Large Language Models

Date : 17-Oct-2023 - 21-Oct-2023

Time : 10:00 - 17:30

Venue : PRP414

- Day 1 - FN - Application and System Security, Cloud Security – An Industry Perspective - Mr. Naman Tandon, Deep Factor, Bengaluru
- Day 1 - AN - Emerging Trends in Cyber Security: Penetration Testing, Vulnerability and Malware Analysis. - Dr. Kakelli Anil Kumar, SCOPE VIT, Vellore
- Day 2 - FN - Reinforcement Learning Techniques and Industry applications. - Mr. Anirudha Simha, Capital One, US.
- Day 2 - AN - Learning Paradigms of Artificial Intelligence. - Dr. P.Ganesh Kumar, Anna University, Chennai
- Day 3 - FN - NLP Libraries and Data Preparation. - Dr. Durgesh Kumar, SCOPE, VIT, Vellore
- Day 3 - AN - NLP – Word Embeddings and Language Models. - Dr. Jyoti Prakash Singh, NIT, Patna
- Day 4 - FN - NLP - Real Time Use Cases in Industries. - Mr. Peer Mohamed, Capital One, US
- Day 4 - AN - NLP - Real Time Use Cases in Industries. - Ms.Aruna Rani RajaGanesh, AIG, US
- Day 5 - FN - Unleashing Excellence through Cloud Computing. - Mr. Ranjith A, Microsoft, Chennai
- Day 5 - AN - Harnessing Generative AI for Innovative use cases. - Mr. Ranjith A, Microsoft, Chennai

	<p>Resource Person 1 - Details Name : Durgesh Kumar Designation : Assistant Professor Sr. Grade 1, School of Computer Science and Engineering University/ Company : VIT, Vellore Address : India, 632014.</p>
	<p>Resource Person 2 - Details Name : Anil Kumar K Designation : Associate Professor Sr., School of Computer Science and Engineering University/ Company : VIT, Vellore Address : India, 632014.</p>
	<p>Resource Person 3 - Details Name : Naman Tandon Designation : Lead Engineer, Deep Factor University/ Company : Deep Factor, Bengaluru Address : India, 560001.</p>
	<p>Resource Person 4 - Details Name : Anirudha Simha Designation : Principal Software Engineer, Capital One University/ Company : Capital One, Washington-DC Address : USA, 20004.</p>
	<p>Resource Person 5 - Details Name : Dr Ganesh Kumar P Designation : Associate Professor, Department of Computer Science and Engineering University/ Company : College of Engineering, Anna University, Guindy, Chennai Address : India, 600025.</p>
	<p>Resource Person 6 - Details Name : Peer Mohamed P U Designation : Senior Director of Software Engineering, Capital One University/ Company : Capital One, San Francisco Bay Area Address : USA, 94103.</p>
	<p>Resource Person 7 - Details Name : Jyoti Prakash Singh Designation : Associate Professor, Department of Computer Science and Engineering University/ Company : NIT, Patna Address : India, 800005.</p>
	<p>Resource Person 8 - Details Name : Ranjith A Designation : Partner Cloud Solution Architect, Microsoft University/ Company : Microsoft, Chennai Address : India, 600035.</p>



Resource Person 9 - Details

Name : Aruna Rani Raja Ganesh

Designation : VP Claims & Consumer Architecture, AIG

University/ Company : AIG, New Jersey

Address : New Jersey, USA, 07753.

Resource Person's Profile :

1. Profile of Durgesh Kumar

Dr. Durgesh Kumar completed his Ph.D in IIT Guwahati. He has six years of research experience in Machine Learning. His research areas of interest are Natural Language Processing, Semantic Analysis, Topic Modeling, and Social Network Analysis. He has worked as a Junior Research Fellow in the project titled "Multimedia BroadcastAnalytics" funded by DeitY, Govt. of India.

2. Profile of Anil Kumar K

Dr. Kakelli Anil Kumar is an Associate Professor of the School of Computer Science and Engineering at VIT. He earned a Ph.D. in Computer Science and Engineering from Jawaharlal Nehru Technological University (JNTUH) Hyderabad in 2017, graduated in 2009, and under-graduated in 2003 from the same university. His current research includes wireless sensor networks, Internet of Things(IoT), Digital Forensics, Cybersecurity and block chain. He has published over 50 research articles

3. Profile of Naman Tandon

Experienced Software Developer with a demonstrated history of working reputed companies like Deep Factor, Imperva, CloudVector and Netskope. He designed and built from scratch cloud based products/services with massive scale and reliability. He graduated from VIT, Vellore

4. Profile of Anirudha Simha

He is working as the Principal Software Engineer at Capital One, US. He completed his Bachelor's degree at Virginia Polytechnic Institute and State University and masters at Georgia Institute of Technology. He supports backend services and APIs for the externally facing Capital One chatbot application "Eno". He has architected, developed and currently responsible for enterprise Slack bot serving over 3000 employees, 120+ teams ,and 130+ slack channels

5. Profile of Dr Ganesh Kumar P

He has served as a Post Doctoral Fellow at Kyungpook National University, South Korea. Prior to joining Anna University, Chennai, he has worked at Arulmigu Kalasalingam College of Engineering and Anna University Regional Campus, Coimbatore. His research areas include Data Analytics, Soft Computing, Machine Learning, Deep Learning and Cyber Security. He has authored 3 books and published several research articles and executed sponsored research projects

6. Profile of Peer Mohamed P U

He is working as the senior director at Capital One, SFO. Prior to joining Capital One, he has worked for top companies including Google, Apple, E*Trade, eBay and HTC Global Services. He is alumnus of VIT (1996-2000 batch)

7. Profile of Jyoti Prakash Singh

He is working as an Associate Professor at NIT, Patna. He completed his Bachelor's at Kalyani Govt. Engineering College, master's at Sikkim Manipal Institute of Technology and PhD at University of Calcutta. He was an author in Vikas Publishing. He has published more than 180 research articles and received 3000+ citations.

8. Profile of Ranjith A

He is a Microsoft Azure Solution Architect working with partners and enterprises to empower them in Cloud Digital Transformation. He is skilled in Azure Cloud Solutions; Azure Cloud Technology Evangelism; Enterprise Cloud Design, migration & Cloud Automation. He is a Red Hat OpenStack administrator with strong System Center Engineering expertise and Windows platforms background. Prior to joining Microsoft, he had worked in Deloitte and HCL technologies. He completed his masters in BITS Pilani

9. Profile of Aruna Rani Raja Ganesh

She involves in Intelligent Process Automation and has expertise in Robotic process automation and related automation programs. She played a solution architect role for Cognizant Enterprise mobile product venture on Enterprise mobility. She worked for Trumobi, an unified mobility suite which includes BYOD offering, App distribution, Security solutions and App integration.

This FDP is planned to bring together academic and industry experts working in the cutting edge technologies of cybersecurity, cloud computing and cloud security, Machine Learning, Natural Language Processing and Large Language models to share their thoughts, ideas and experiences to the faculty and research scholars. This will give a broad overview of the various domains and provide future research directions.

Metasploit, Nessus, Amazon Web Services (AWS), OpenAI(Chat GPT). NLTK, Scikit-learn,

**Coordinator's: Prof. VARALAKSHMI M 11226 - Associate Professor Grade 1 - SCOPE
Prof. MARY MEKALA A 11579 - Associate Professor Grade 1 - SCOPE**