

## Indian Institute of Information Technology Sri City, Chittoor

### HackTheBreach: Bootcamp on Cybeseurity

29th March - 12th April, 2025

#### Schedule

Day-1 29th March 2025 Saturday	Day-2 30th March 2025 Sunday	Day-3 31st March 2025 Monday	Day-4 01st April 2025 Tuesday	Day-5 02nd April 2025 Wednesday	Day-6 03rd April 2025 Thursday	Day-7 04th April 2025 Friday	Day-8 05 April 2025 Saturday
5:30-6:00 PM <b>Opening Ceremony</b>	10:00-11:30 AM Prof. Rajat Subhra Chakraborty IIT Kharagpur  "Hardware Security"	10:00 -11:00 AM Dr. Nikhil Tripathi IIT(ISM) Dhanbad  "DoS/DDoS Attacks: Underestimating the Availability Component of Cyber Security"	6:00-8:00 PM Dr. Aditya Japa Ulster University, UK  "Hardware Security Attacks on Edge Devices and Defence Techniques"	6:00-8:00 PM Dr. Gaurav Varshney IIT Jammu  "Web Application Security and Pentest"	6:00-8:00 PM Dr. Bodhisatwa Mazumdar IIT Indore  "Side-channel Attacks"	CTF Level-1	10:00-11:00 AM Dr. Saumya Bhadoria ABV-IIITM Gwalior  "IoT and Industrial Cyber Physical System (CPS) Security"
6:00-8:00 PM Dr. Monosij Maitra IIT Kharagpur  "Cryptographic Encryption -- From Basic Principles to Advanced Notions"	11:30AM -01:00PM Dr. Sharad Sinha IIT Goa  "Architecture and Methods for Fine Grained Detection and Mitigation of Cache Side Channel Attacks"	11:00 -12:00 PM Dr. Rohit Kumar Shiv Nadar University  "Cyber Physical Systems Security"					11:00-12:00 Noon Ms. Harshita Tripathi Microsoft  "Threat Intelligence"
		12:00-01:00 PM Prof. Shashikala Tapaswi ABV-IIITM Gwalior  "Malware Analysis Hands-on"					12:00-01:00PM Mr. Prajwal Govil TCS  "Phishing Analysis"
Day-9 06 April 2025 Sunday	Day-10 07 April 2025 Monday	Day-11 08 April 2025 Tuesday	Day-12 09 April 2025 Wednesday	Day-13 10 April 2025 Thursday	Day-14 11 April 2025 Friday	Day-15 12 April 2025 Saturday	
10:00-11:30AM Prof. Durga Toshniwal IIT Roorkee	6:00-7:00 PM Dr. Chandra Shekhar Samsung  "Advesial Machine Learning"	06:00-08:00 PM Prof. P Santhi Thilagam NIT Surathkal  "Web Services Security"	6:00-7:00PM Mr. Kartikeyan TCS  "Harvest now! Decrypt Later!" Secure your data against Y2Q threat"	10:00 - 11:00 AM Dr. Padmavathu U. Shiv Nadar University  "Blockchain and Federated learning for IOT security"	6:00-8:00 PM Dr. Kamalakanta Sethi IIIT Sri City	10:00-11:00AM Prof. John Augustine IIT Madras	
11:30-01:00 PM Dr. Rajesh Gupta Nirma University	7:00-8:00 PM Dr. Malik Imran Queen's University, UK  "Hardware-Based Post-Quantum Cryptography Accelerators: SABER as a case study"		7:00-8:00 PM Dr. Vimal Dwivedi Ulster University, UK	11:00AM-12:00PM Mr. Aditya Bhatia DSCI  12:00-01:00 PM Dr. Bhale Pradeepkumar IIITDM Kancheepuram  "Attack Detection and Mitigation for IoT Ecosystems: Adaptive, Scalable, and Lightweight Approaches"	CTF Level-2	CTF Level-2	
				2:00-3:00PM Dr. Nitesh Bharadwaj NIT, Raipur		<b>CTF Winners Announcement &amp; Closing Ceremony</b>	
				3:00-4:00PM Prof. Emmanuel Pilli MNIT Jaipur  "Darkweb and Tor - Monitoring using OSINT tools"			
				4:00-5:00PM Dr. Yasir Ali Shah Ulster University, UK			