

International Conference on Information Security, Privacy and Digital Forensics (ICISPD 2023)

Organized by

National Forensic Sciences University (NFSU), Gandhinagar Campus

Sardar Vallabhbhai National Institute of Technology, (SVNIT)

National Institute of Technology Goa, (NIT-Goa)

Venue: NFSU, Gandhinagar Campus

Date: 15-16 December 2023

Technical Session Schedule

DAY 1: Friday December 15th, 2023

Venue: Lower Auditorium NFSU Gandhinagar

Technical Session-1		Venue: In person
Timing	Paper Presentation Topic	Author/Presenter
14:30 PM	P3: MQTT Fuzz Secure: Enhancing Robust Security Measures in MQTT Brokers through Fuzzing	Hemanshu Kailash Bisht
14:45 PM	P89: Process of Creating Custom Linux Kernel with Boot Time Integrity Check using U-boot for Embedded Devices	Parth Ghughriwala
15:00 PM	P48: Anomaly-Based Real-Time Phishing URL Uncovering by combining ML and firewall technology	Divyansh Agrawal
15:15 PM	P80: A Comprehensive Survey on Different Approaches of Image Manipulation and Detection	Monisha Mohan
15:30 PM	P75: Comprehensive Multi-Modal Analysis for Enhanced Road Safety and Traffic Law Enforcement	Kesanam Ashinee, Renukasakshi V Patil

Technical Session-2		Venue: In person
Timing	Paper Presentation Topic	Author/Presenter
14:30 PM	P88: Application of Blockchain Technology in Malware Detection	Niharika Pagare
14:45 PM	P90: Securing Critical Infrastructure with On-Premise Lightweight Certificates	Sourav Kunal
15:00 PM	P91: Study of Blockchain Technology from Law Enforcement and Investigator's Perspective	Dr. Ravirajsinh s. Vaghela
15:15 PM	P81: An Application of Analytical Hierarchical Process to measure money laundering	Priyanka yadav
15:30 PM	P50: A Comprehensive Research Study on Evaluation of Intrusion Detection Datasets for DDoS Attack Detection	Raghupathi Manthena

Technical Session-3		Venue: In person
Timing	Paper Presentation Topic	Author/Presenter
16:30 PM	P57: A Detailed Exploration to the Cloud Forensics Challenges and Solutions	Tanvi Modi
16:45 PM	P60: Forensic Analysis of Internet Protocol Detail Record (IPDR) for Investigative Purposes: Techniques, Challenges and Future Directions	Anwer Reyaz J
17:00 PM	P89: Process of Creating Custom Linux Kernel with Boot Time Integrity Check using U-boot for Embedded Devices	Parth Ghughriwala
17:15 PM	P97: Vulnerability Assessment and Penetration Testing (VAPT) of IoT Aided Home Automation System using Google Home and Sinric Pro Application	Dr. Ujjaval Patel
17:30 PM	P95: Review on Dark Secrets of Practical iOS Malware Analysis	Jay Gajjar

DAY 2: Saturday December 16th, 2023

Technical Session-4		Venue: Online
Timing	Paper Presentation Topic	Author/Presenter
09.30 AM	P9: Cryptanalysis of User Authentication Scheme for Public Cloud Server	Payal Chaudhari
09.45 AM	P21: Hybrid Cryptography for Securing IoT: Elliptic Curve and Isogeny-Based	Jasleen Kaur
10.00 AM	P8: An Efficient Approach for Reliable Verification of Immunization Data using Blockchain Technology	Sharon Justine
10.15 AM	P45: Fighting Cybercrime at Domain Names Level: A Comparative Analysis of Tools and Techniques for Identifying Malicious Domain Names	Harish Chowdhary
10:30 AM	P34: CSBC: Cloud-based Secret image sharing using Bit-flip and Counting scheme	Bhawana Parihar

Technical Session-5		Venue: Online
Timing	Paper Presentation Topic	Author/Presenter
14:00 PM	P29: Real-Time Surveillance System For Social Distancing Using Yolov5 and Yolov7	Golla Vijay Kumar
14:15 PM	P22: A Classification Approach for Hyperspectral Images through Multi-Feature Extraction	Prabhu Ram Kancharla
14:30 PM	P46: Utilizing Convolutional Neural Networks for Android Malware Detection via Permission and Opcode Sequences	Gadilohar Pragat Gopal
14:45 PM	P38: Android Malware Detection based on Permissions and API Calls using Ensemble-Based Model	Monika
15:00 PM	P47: Attacking Authentication Mechanisms: From Offense to Defense	Jayant Kumawat

Technical Session-6		Venue: Online
Timing	Paper Presentation Topic	Author/Presenter
14:00 PM	P15: Analysis of Deep Learning Approaches for Automated Prostate Segmentation in Medical Imaging	Dr Balajee Maram
14:15 PM	P84: File System Artefacts Generator (FSAGen): Towards Faster Forensic Tool Testing	
14:30 PM	P87: Exploring Digital Forensics Tools & Techniques in Money Laundering Investigations involving Virtual Assets	Kaushik Thinnaneri Ganesan
14:45 PM	P92: Raspberry Pi based home security system	Kavita Ponnuraj
15:00 PM	P96: Vulnerability Management and Risk Assessment and its mitigation in ICS	Nabadeepa Bhowmik
15:15 PM	Concluding Remark and Valedictory	