

International Conference on Recent Development in Cyber Security
16-17 June, 2023

Organized by
Center For Cyber Security and Cryptology

Program Schedule: 16-17 June, 2023

Day 1: Friday 16th June, 2023

Time	Event Description
10:30 AM to 01:00 PM	Inaugural Program (Offline)
01:00 PM to 02:00 PM	Networking Lunch
02:00 PM to 04:30 PM	Technical Session #1 (Online)
02:00 PM to 04:30 PM	Technical Session #2 (Online)

Day 2: Saturday 17th June, 2023

09:30 AM to 10:10 AM	Keynote Session by Prof. Anand Nayyar, Duy Tan University, Da Nang, Vietnam (Online)
10:10 AM to 12:40 PM	Technical Session #3 (Hybrid) Venue: 103-A, Block-II, Sharda University
10:10 AM to 12:40 PM	Technical Session #4 (Online)
12:40 PM to 01:30 PM	Lunch
01:30 PM to 02:10 PM	Keynote Session by Dr. Kumar Gautam, Gwangju Institute of Science and Technology, South Korea (Online)
02:10 PM to 04:30 PM	Technical Session #5 (Online)

Conference Website: <https://www.sharda.ac.in/redcysec/>

Zoom Link for Keynote Sessions & Technical Sessions

<https://us06web.zoom.us/j/82297757309?pwd=L2YxSnhvZDI2VINWUDBETUI1OWVQdz09>

Meeting ID: 822 9775 7309 Passcode: 080837

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Program Schedule: Keynotes & Technical Sessions

Day 1: Friday 16th June, 2023

Technical Session# 1: 02:00 PM to 04:30 PM

Session Chairs		Dr. Manisha Agarwal, Banasthali Vidyapith, Rajasthan, India Dr. Rajendra Kumar, Sharda University, Greater Noida, India	
Session In-charge		Ms. Saptadeepa Kalita, Sharda University, Greater Noida, India	
Paper Id		19, 23, 29, 60, 62, 106, 122, 228, 232, 149, 127	
SNo.	PID	Presenter	Details
1.	19	Swikrati Dubey	An effective Model for Binary and Multi-Classification based on REE and XGBoost Methods in Intrusion Detection System
2.	23	Saurav Kumar Srivastava	ENCRYPTO: A Reliable and Efficient Mobile App for Password Management
3.	29	Shivansh Saraswat	Prime Switch – Encryption and Decryption Algorithm Using RSA Key Generation
4.	60	Neha Nischal Kumar Gharat	Hybrid Lightweight Cryptography using AES and ECC for IoT Security
5.	62	Aman	A Survey: Analysis of Existing Hybrid Cryptographic Techniques
6.	106	Neha Sharma	A Review on Quantum key Distribution Protocols, Challenges and Its Applications
7.	122	Yash Sharma	Identity Based Designated Verifier Proxy Signature scheme and its Application to Health Care
8.	228	Bhargavi Singh	An Investigative study on Security Aspects and Authentication Schemes for Internet of Vehicles
9.	232	Priya Sharma	SLMA: Secure and Lightweight Mutual Authentication Scheme for IoT - based Healthcare
10.	149	Aman Raj Pandey	Static Analysis Approach of Malware using Machine Learning
11.	127	Viral Parmar	Secure Horizons: Advanced Protection Mechanisms for Holographic Data Storage Systems

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Day 1: Friday 16th June, 2023

Technical Session# 2: 02:00 PM to 04:30 PM

Session Chairs		Prof. Amit Prakash Singh, GGSIPU, New Delhi, India Prof. Ganesh Gupta, Sharda University, Greater Noida, India	
Session In-charge		Dr. Preeti Rani, Sharda University, Greater Noida, India	
Paper Id		18, 65, 69, 81, 115, 191, 224, 229, 233, 238, 245	
S.No.	PID	Presenter	Details
1.	18	Anurag Singh	Vulnerabilities in Smart contracts of Decentralized Blockchain
2.	65	Rakshit Bhadoria	A Comprehensive Study of Blockchain Technology Trends and Analysis in the Healthcare Industry 4.0
3.	69	Vaibhav	Web 3.0 based Crypto Wallet for Securing Assets and Blockchain Transactions
4.	81	Shivansh Srivastava	Orphanage channelisation system using blockchain technology
5.	115	Chaitanya Bandiwdekar	Blockchain Based Public Distribution System
6.	191	Joseph Padala	Novel Architecture and Secured Food Traceability Application based on Ethereum Blockchain
7.	224	Ayushi Jain	Blockchain-based Secure Mutual-Authentication Scheme for Drone-GSS Communication in Internet of Drones Environment
8.	229	Hrithik G	Quick Response Code based Fake Product Verification System using Blockchain Technology
9.	233	Savita Wadhawan	Interactive Learning for Patient Care: Blockchain ingrained Electronic Health Record Management System with Patient Control, Data Quality and Security assurance
10.	238	Tanya Kapoor	Cryptocurrency financial risk analysis using machine learning
11.	245	Madhurya J A	Performance analysis of AES and DES algorithm for encrypting medical record using blockchain

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Day 2: Saturday 17th June, 2023

Keynote Session: 09:30 AM to 10:10 AM

Speaker	Prof. Anand Nayyar, Duy Tan University, Da Nang, Vietnam
Session In-charge	Ms. Priya Sharma, Sharda University, Greater Noida, India

Technical Session# 3: 10:10 AM to 12:40 PM (Hybrid) Venue: 103-A, Block-II, Sharda University

Session Chairs	Prof. Vishnu Sharma, Galgotias College of Engineering & Technology, Prof. Vasudha Arora, Sharda University, Greater Noida, India
Session In-charge	Ms. Priya Sharma, Sharda University, Greater Noida, India
Paper Id	8, 13, 24, 50, 63, 72, 87, 96, 100, 176

S. No.	PID	Presenter	Details
1.	8	Rohitkumar R Upadhyay	Multi-Key Fully Homomorphic Encryption Scheme Over Integers
2.	13	Ako Nomel Haymes Axel-Elie Junior	Credit Card Fraud Detection using Machine Learning Techniques
3.	24	Sujal Patel	A Modest Approach Toward Cloud Security Hygiene
4.	50	Japanpreet	Strengthening Cybersecurity: A Comparative Study of KNN and Random Forest for Spam Detection
5.	63	Hanish Jindal	Fake News Detection using Machine Learning
6.	72	Shambhavi Chauhan	Cloud based Integrated Real-Time Twitter Grievance Redressal With AWS EC2 and RDS using Machine Learning Approach for Enhanced Security
7.	87	Dr Pankaj Ramchandra Chandre	Profanity Detection from Audio Recordings using Natural Language Processing Techniques
8.	96	Apoorva Ghagare	Categorizing Tracing Techniques for Network Forensics
9.	100	Ashim Chaudhary	Detection of Phishing Link using different Machine Learning Techniques
10.	176	Shobhita Khatri	The Benefits and Security Challenges of Integrating IIoT in Smart Energy Systems

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Day 2: Saturday 17th June, 2023

Technical Session# 4: 10:10 AM to 12:40 PM

Session Chairs		Prof. Alok Katiyar, Galgotias University, Greater Noida, India Prof. Kuldeep Chouhan, Sharda University, Greater Noida, India	
Session In-charge		Ms. Konika Abid, Sharda University, Greater Noida, India	
Paper Id		9, 49, 51, 59, 74, 88, 101, 138, 153, 213	
S. No.	PID	Presenter	Details
1.	9	Mohammad Gauhar Nayab	A low-distortion reversible steganography method that conceals data in images with minimal distortion
2.	49	Krishan Kumar	A Survey on Path Key Establishment
3.	51	Dr. Rajesh Prasad	Causes of cyber fraud in commercial banks in nigeria: a case study of zenith banks in abuja
4.	59	Vartika Goel	Object Detection using TensorFlow 2 and Amazon SageMaker
5.	74	Darshita Singh	Cloud-Based Object Detection Model using Amazon Rekognition
6.	88	Dr Pankaj Chandre	Defending Against Vishing Attacks: A Comprehensive Review for Prevention and Mitigation Techniques
7.	101	Abirham Ayenew Getie	Amharic Language hate speech detection usin machine learning
8.	138	Sourav Kumar Upadhyay	Security Flaw in TCP/IP and Proposed Measures
9.	153	Gourav Balaji Suram	Vitunix: A Lightweight and Secure Linux Distribution
10.	213	Priya Singh	Chatbot based android application towards security using FCM

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Day 2: Saturday 17th June, 2023

Keynote Session: 01:30 PM to 02:10 AM

Speaker	Dr. Kumar Gautam, Gwangju Institute of Science and Technology, South Korea
Session In-charge	Ms. Kajol Mittal, Sharda University, Greater Noida, India

Technical Session# 5: 02:10 PM to 04:40 PM

Session Chairs	Prof. Darshna Hooda, DCRUST, Murthal, India Dr. Tarun Maini, Sharda University, Greater Noida, India
Session In-charge	Ms. Kajol Mittal, Sharda University, Greater Noida, India
Paper Id	97, 169, 195, 196, 210, 215, 217, 234, 244

S. No.	PID	Presenter	Details
1.	97	Varikuti Harinadh	malC: A novel deep learning architecture for malware classification
2.	169	Neelima Kant	Cyber Threat Intelligence (CTI) - An extensive analysis on the use of Artificial Intelligence and Machine Learning to identify cyber hazards
3.	195	Karan Singh	Cyber Attack Detection Using Machine Learning Technique
4.	196	Nitik Garg	Ensemble Deep Model for Hate Speech Detection
5.	210	Megha Kandari	AE-LSTM: A Hybrid Approach for Detecting Deepfake Videos in Digital Forensics
6.	215	Ms. Ishika Naveen	Cyber Attack Analysis using Vulnerability Assessment and Penetration Testing
7.	217	Dr. Abhishek Kajal	ACCURACY ENHANCEMENT FOR INTRUSION DETECTION SYSTEMS USING LSTM APPROACH
8.	234	Yogesh Kisan Mali	Advanced Pin Entry Method by Defending Shoulder Surfing Attacks
9.	244	Ajit Antil	Cyber-security: A Deep Learning model for Intrusion Detection in IoT
