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Advances in Cyber Security and Digital Forensics



Series Editors:



Dr. Siva Rama Krishna T.

Ph.D., FinSIG, DIG, AACARPAP, AWS CCP, CCD, PCCET, ACE
Assistant Professor
Department of Computer Science and Engineering
Jawaharlal Nehru Technological University
Kakinada, Andhra Pradesh, India
srktummalapalli@gmail.com
+91-9966005482



Prof. A. S. N. Chakravarthy
BE, M.Tech., Ph.D
Professor
Department of Computer Science and Engineering
Jawaharlal Nehru Technological University
Kakinada, Andhra Pradesh, India
asnchakravarthy@yahoo.com
+91-9618719229

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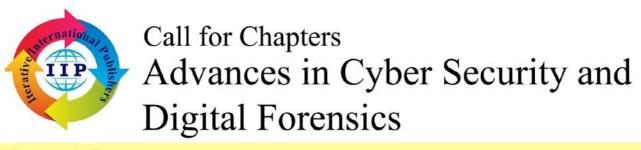
Important Dates:

Chapter/paper submission starts on: 01 Oct 2023 Last date for chapter/paper submission: 14 Nov 2023 Acceptance notification: 21 Nov 2023

Last date for registration: 04 Dec 2023

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Aims and Scope:

The aim of the edited book "Advances in Cyber Security and Digital Forensics" is to provide a comprehensive and up-to-date overview of the latest advancements, trends, and research in the fields of cyber security and digital forensics. The book aims to bring together contributions from experts and researchers across academia, industry, and government sectors to present a holistic understanding of the challenges, breakthroughs, and innovative solutions in these critical domains. The scope of this edited book encompasses a wide range of topics within the realms of cyber security and digital forensics, including but not limited to:

- · Cryptographic Algorithms and Protocols
- · Public Key Infrastructure (PKI) Advancements
- Quantum Cryptography and Post-Quantum Cryptography
- Blockchain and Applications
- · Zero-Knowledge Proofs and Privacy-Enhancing Cryptography
- · Privacy-Preserving Technologies
- Intrusion Detection and Prevention Systems (IDPS)
- · Next-Generation Firewall Technologies
- · Secure Software-Defined Networking (SDN)
- · Wireless Network Security Challenges
- · Network Traffic Analysis for Anomaly Detection
- · 5G Network Security Considerations
- · Malware Detection and Analysis Techniques
- · Secure Network Access Control (NAC)
- Cloud Security
- · Cyber Threat Landscape Analysis
- · Advanced Persistent Threats (APTs)
- · Cyber Range and Red Teaming
- · Digital Identity Management and Authentication
- · Incident Response and Threat Hunting
- · Digital Forensics Tools and Techniques
- · Mobile Device Forensics
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