Note:

The chapters are grouped into four different sections with a particular scope in each. Hence, a small re numbering of the chapters was done. The following is the list of chapters with the new chapter numbers. (The already assigned chapter numbers are strike-off, for easy follow-up). In the IGI manuscript portal also, the chapters are re-numbered. The preface is written with this newly assigned chapter no.

I. Digital Sphere Threats and Vulnerabilities

Ch. 1: A Review on Digital Sphere Threats and Vulnerabilities (150715-071743)

Ch. 2: Advances in Biometrics for Secure Human Authentication System: Biometric Authentication System (240715-052344)

Ch. 3: Cloud crime and fraud- a study of challenges for cloud security and forensics (280515-053257)

Ch. 4: Mobile Malware (180715-065859)

II. Techniques for combating Security Breaches

Ch. 5: Combating Cyber Security Breaches in Digital world using Misuse Detection Methods: Misuse Detection (210715-072719)

Ch. 6: Network Intrusion Detection and Prevention Systems on Flooding and Worm Attacks (240715-125022)

Ch. 7: Against spoofing attacks in Network layer (160715-123744)

Ch. 8: Systematic Mapping of Security Mechanism (270515-011242)

III. Cyber Forensics and Investigation

Ch. 9: Classification of cyber crimes and punishments under the information technology act, 2000 (271115-045426)
Ch. 10: Digital Evidence in Practice: Procedure & Tools (301215-121811)

Ch. 11: Digital Forensic And Machine Learning (280815-081037)

Ch. 12: Understanding Anti-Forensics Techniques for Combating Digital Security Breaches and Criminal Activity (150715-075412)

IV. Visual Information Security

Ch. 13: Critical Video surveillance and Identification of Human Behavior Analysis of ATM Security Systems (260515-064216)

Ch. 14: Effective Recognition of Stego Image Concealed Media of Interpolation Error with Difference Expansion (270715-121951)

Ch. 15: Visual Cryptography for Securing Images in Cloud (091215-010204)

Ch. 16: Visual Sensor Networks – Critical Infrastructure Protection (171115-060713)