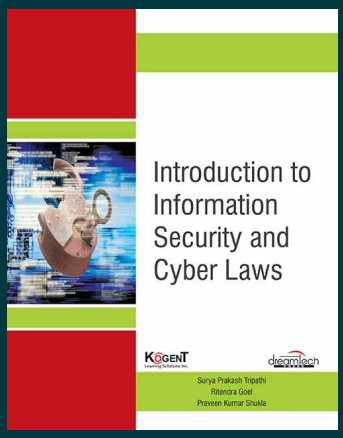
WILEY



Introduction to Information Security and Cyber Laws

By Surya Prakash Tripathi, Ritendra Goel, Praveen Kumar Shukla

Paperback 9789351194736 **₹499.00**

Pages: 224

Description

The rapid growth of Information and Communication Technology (ICT) has raised the bar for the security requirements also. Lots of data is received, stored, processed, and transmitted. Therefore, its security is extremely important. The Information Security and Cyber Law book helps you to understand the major aspects of information security, including information assurance, cybercrime, threats to the security of information systems, risk assessment and countermeasures. This book covers details about the ways in which you can mitigate risks and overcome the issues that may cause harms to an information system's security. The book also provides you knowledge of various laws, such as patent law and copy right law, which have been constituted in the field of information security.

About the Author

Surya Prakash Tripathi, Ritendra Goel, Praveen Kumar Shukla

Praveen Kumar Shukla is member of Senior Lecturer & Head of Department at Department of Information Technology in Babu Banarasi Das Northern India Institute of Technology

Table of Contents

Chapter 1: Introduction to Information Systems and Security

1.1 Information Systems

1.2 Types of IS

1.3 Development of IS

1.4 Introduction to Information Security

1.5 Need for Information Security

1.6 Threats to Information Systems

1.7 Information Assurance

1.8 Cyber Security

Chapter 2: Introduction to Application Security and Counter Measures

2.1 Introduction to Application Security

2.2 Data Security Considerations

2.3 Security Technologies

2.4 Security Threats

2.5 Security Threats to E-Commerce

2.6 E-Cash and Electronic Payment System

2.7 Credit/Debit/Smart Cards

2.8 Digital Signature

2.9 Cryptography and Encryption

Chapter 3: Introduction to Security Measures

3.1 Secure Information System Development

3.2 Application Development Security

3.3 Information Security Governance and Risk Management

3.4 Security Architecture and Design

3.5 Security Issues in Hardware, Data Storage, and Downloadable Devices

3.6 Physical Security of IT Assets

3.7 Backup Security Measures

Chapter 4: Introduction to Security Policies and Cyber Laws

4.1 Need for an Information Security Policy

4.2 Information Security Standards - ISO

4.3 Introducing Various Security Policies and Their Review Process

4.4 Introduction to Indian Cyber Law

4.5 Objective and Scope of the IT Act, 2000

4.6 Intellectual Property Issues

4.7 Overview of Intellectual-Property- Related Legislation in India

4.8 Patent

4.9 Copyright

4.10 Law Related to Semiconductor Layout and Design

4.11 Software License

To purchase this product, please visit:
https://www.wileyindia.com/introduction-to-information-security-and-cyber-laws.html

Scan to buy