CYBER SECURITY

–ACTS AND LAWS

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Cyber Security - Acts and laws

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Preface

"In an era defined by rapid technological advancements and digital transformation, cybersecurity has emerged as a cornerstone of modern society. The internet has become an indispensable tool, connecting individuals, businesses, and governments worldwide. However, this interconnectedness comes with significant challenges, including threats to data security, privacy, and digital integrity. Cybercrimes have evolved in sophistication and scale, impacting individuals and institutions alike, making the need for robust cybersecurity frameworks more pressing than ever.

This book, Cyber Security: Acts and Laws, delves into the intricate world of cybersecurity legislation and policies. It provides a comprehensive analysis of the legal mechanisms established to address the growing complexities of cyber threats. From data protection and privacy laws to frameworks combatting cyber fraud, hacking, and cyberterrorism, this work explores the evolution, implementation, and efficacy of cybersecurity laws globally and regionally.

Through this book, readers will gain insights into the challenges of enforcing cybersecurity laws in a borderless digital landscape and the role of international cooperation in addressing cyber threats. The book also examines case studies, key precedents, and contemporary debates surrounding cyber regulations, offering a nuanced perspective on how legal systems are adapting to an ever-changing digital environment.

This work is intended for legal practitioners, policymakers, researchers, and anyone keen on understanding the intersection of law and technology. It seeks to inspire informed discussions and proactive approaches to securing the digital future."

Ackowledgement

The completion of this book, Cyber Security - Acts and Laws, has been made possible through the support, guidance, and contributions of several individuals and organizations. I am deeply grateful to everyone who has played a role in this journey.

First and foremost, I express my heartfelt gratitude to [Insert specific names if applicable] for their invaluable mentorship and insightful guidance. Their expertise in the field of cybersecurity and legal frameworks has greatly enriched this work.

I extend my appreciation to the institutions and organizations that provided access to critical resources, research materials, and data that formed the foundation of this book. Special thanks to [Insert names of specific institutions, if any] for their collaboration and encouragement.

To my family and friends, thank you for your unwavering support, patience, and belief in my vision. Your encouragement has been a source of strength throughout the writing process.

Finally, I wish to acknowledge the tireless efforts of countless cybersecurity professionals, legal experts, and policymakers whose work inspired and informed the content of this book. Their dedication to enhancing cyber safety and security has been a beacon of hope in this ever-evolving digital age.

This book is dedicated to all those committed to creating a secure, resilient, and legally sound cyberspace.

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Dr. Shalu Tandon, Vice Principal and Associate Professor at Don Bosco Institute of Technology, New Delhi, has over 20 years of experience in academia and industry. She has published extensively in reputed journals, with many works indexed in Scopus and Web of Science. Her research focuses on web mining, digital marketing, web user behavior, and big data.

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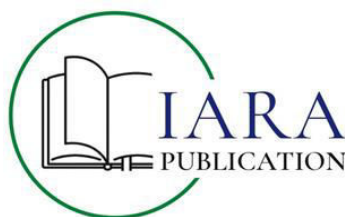
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Ms. Ritika Mehra, Assistant Professor at Don Bosco Institute of Technology, New Delhi, has over 12 years of experience and is pursuing a Ph.D. in Computer Applications at MRIIRS. She has co-authored a book and published research in Scopus-indexed journals. Her research interests include Data Mining, Machine Learning, and Big Data.

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Dr. Vikas Rao Vadi, Ph.D. in Information Technology, is a distinguished academician with over 25 years of experience. Currently the Director at Don Bosco Institute of Technology, New Delhi, he has held prestigious roles in academia and authored numerous publications. A holder of six patents, his research interests include Data Analytics, Big Data, and Network Security.