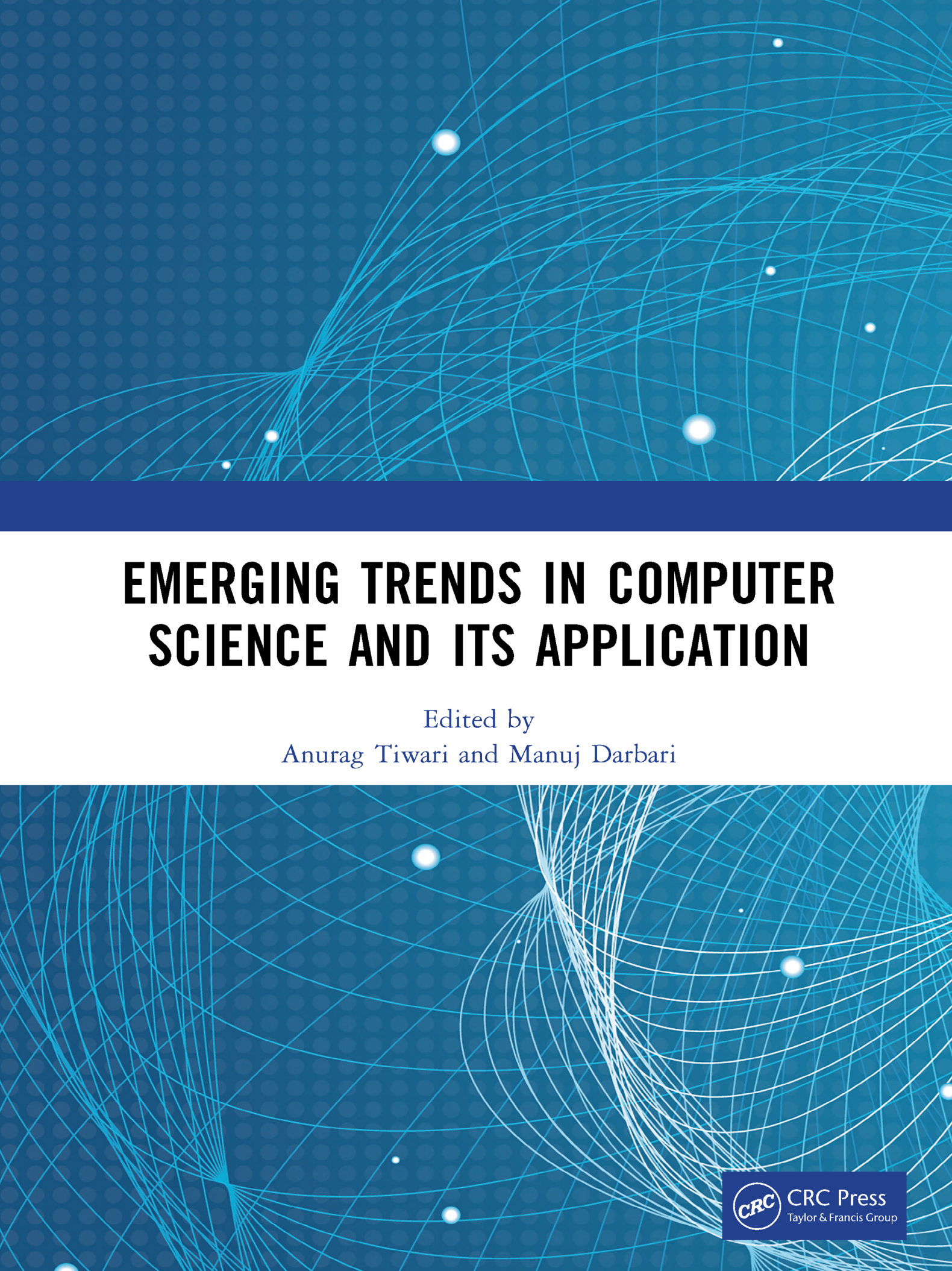




EMERGING TRENDS IN COMPUTER SCIENCE AND ITS APPLICATION

Edited by
Anurag Tiwari and Manuj Darbari

Emerging Trends in Computer Science and Its Application

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Emerging Trends in Computer Science and Its Application

Proceedings of the International Conference on Advances in
Emerging Trends in Computer Applications (ICAETC-2023)
December 21–22, 2023, Lucknow, India

Edited by

Anurag Tiwari
Manuj Darbari



CRC Press

Taylor & Francis Group

Boca Raton London New York

CRC Press is an imprint of the
Taylor & Francis Group, an **informa** business

First edition published 2024
by CRC Press
4 Park Square, Milton Park, Abingdon, Oxon, OX14 4RN

and by CRC Press
2385 NW Executive Center Drive, Suite 320, Boca Raton FL 33431

© 2024 selection and editorial matter, Anurag Tiwari and Manuj Darbari; individual chapters, the contributors

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British Library Cataloguing-in-Publication Data

A catalogue record for this book is available from the British Library

ISBN: 9781032999005 (hbk)

ISBN: 9781032999012 (pbk)

ISBN: 9781003606635 (ebk)

DOI: 10.1201/9781003606635

Typeset in Sabon LT Std
by HBK Digital

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38 The challenges of enforcing cybercrime laws in the age of E-governance: A literature review

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Abstract: E-governance and cybercrime legislation are contrasted in this study. The gap might impair cybercrime investigations and prosecutions by law enforcement. Breaking this gap is difficult due to cybercrime's rapid expansion, worldwide nature, lack of resources, and evidence collection. The paper advises new cybercrime laws, international cooperation, training and resources, and awareness to close the e-governance and cybercrime legislation gap. Weighing e-governance and legal gaps with decision science. The study claims decision science can protect government websites and data from hackers. The research shows a huge e-governance and cybercrime law gap that must be filled. The idea calls for a law enforcement cybercrime unit and technology.

Keywords: e-governance, cybercrime, law gap, awareness, risk assessment, mitigation strategies

1. Introduction

The rapid growth of e-governance has created several challenges for law enforcement agencies. These agencies are often ill-equipped to deal with cybercrime, which is a rapidly evolving threat. As a result, there is a growing gap between e-governance and cybercrime law [1].

E-governance refers to the use of information and communication technologies (ICTs) to deliver government services to citizens, businesses, and other stakeholders [2]. It has become increasingly important in recent years, as governments have sought to improve efficiency, transparency, and accountability.

Cybercrime can range from simple hacking to sophisticated fraud and identity theft. Cybercrime is a major problem, with the estimated cost of cybercrime to the global economy reaching \$6 trillion in 2021.

The e-governance and cybercrime law [3] gap refers to the mismatch between the laws that govern e-governance and the laws that are used to prosecute cybercrime.

Challenges in Addressing the E-governance and Cybercrime Law Gap.

There are a number of challenges in addressing the e-governance and cybercrime law gap. These challenges include:

- The rapid evolution of cybercrime: Cybercrime [4] is a rapidly evolving threat, and new types of cybercrime are constantly emerging. This makes it difficult for law enforcement agencies to keep up with the latest trends.
- The challenges of gathering evidence: Cybercrime evidence can be difficult to gather and preserve. This is because cybercrime often leaves no physical traces, and the evidence can be easily deleted or tampered with.

1.1. *Ways to address the e-governance and cybercrime law gap*

There are a number of ways to address the e-governance and cybercrime law gap. These include:

- Improving international cooperation: Governments need to improve international cooperation to combat cybercrime. This includes sharing information and resources, and developing

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