



River Publishers Series in Proceedings

## First International Conference on Computer, Computation and Communication (IC3C-2025)

<https://ic3c.in/>

### Editors:

Dr Om Prakash Kumar, Manipal Institute of Technology, Manipal, India  
Dr. Pradeep Kumar, University of KwaZulu-Natal, Durban, South Africa  
Dr.J.Silamboli , CSI College of Engineering (CSICE), Ketti, Ooty, Tamil Nadu, India

e-ISBN: 9788743808268

Available From: June 2025

Price: € 0.00

### Description:

The **First International Conference on Computer, Computation, and Communication (IC3C-2025)**, organized by the **Department of Electronics and Communication Engineering at CSI College of Engineering (CSICE), Ketti, Ooty, Tamil Nadu, India**, was successfully held on **March 28–29, 2025**. This inaugural edition of IC3C brought together a diverse assembly of researchers, academicians, industry professionals, and students from across the world to discuss the latest trends, innovations, and research findings in the fields of **Computer Science, Computational Intelligence, and Communication Technologies**.

The conference served as a vibrant platform for interdisciplinary collaboration and intellectual exchange. It featured a distinguished lineup of keynote speakers, invited talks, and technical sessions that addressed contemporary challenges in the digital world and explored technological solutions aligned with **Sustainable Development Goals (SDGs)**. IC3C-2025 also provided an invaluable networking opportunity for participants, promoting collaborations and partnerships that will extend beyond the event.

This volume of conference proceedings presents a collection of peer-reviewed papers accepted for presentation during IC3C-2025. Each contribution reflects high-quality research and valuable insights into emerging areas of computer and communication technologies, computational methodologies, and their real-world applications.

The organizing committee expresses its heartfelt gratitude to all authors, reviewers, keynote speakers, session chairs, and participants whose enthusiastic involvement made IC3C-2025 a resounding success. Special thanks to River Publishers for publishing the conference proceedings and facilitating submission for Web of Science and Scopus indexing.

We look forward to future editions of IC3C, continuing this journey of knowledge sharing and innovation.

**Keywords:** Artificial Intelligence and Machine Learning, Big Data and Data Science, Communication Systems and 5G Networks, Quantum Computing, Cybersecurity and Cryptography, Cloud and Edge Computing

#### Denmark Head Office

Alsbergvej 10  
9260 Gistrup  
Denmark  
[www.riverpublishers.com](http://www.riverpublishers.com)  
Email: [info@riverpublishers.com](mailto:info@riverpublishers.com)

#### USA Office

Indianapolis, IN  
USA  
Tel.: +1-3176899634  
Email: [rajeev.prasad@riverpublishers.com](mailto:rajeev.prasad@riverpublishers.com)

#### UK Office

River Publishers  
Email: [philippa.jefferies@riverpublishers.com](mailto:philippa.jefferies@riverpublishers.com)