

Lecture Notes in Networks and Systems 145

G. Ranganathan
Joy Chen
Álvaro Rocha *Editors*

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*We dedicate this book to all the participants
of the conference, ICICCT 2020*

Preface

2020 International Conference on Inventive Communication and Computational Technologies (ICICCT 2020) was held on Gnanamani College of Technology, Namakkal, India, during May 28 and 29, 2020. ICICCT 2020 aims to cover the recent advancement and trends in the area of communication and computational technologies to facilitate knowledge sharing and networking interactions on emerging trends and new challenges.

ICICCT 2020 tends to collect the latest research results and applications on data communication and computer networking, software engineering, wireless communication, VLSI design and automation, networking, Internet of things, cloud and big data. It includes a selection of 84 papers from 264 papers submitted to the conference from universities and industries all over the world. All of the accepted papers were subjected to strict peer-reviewing by two–four expert referees. The papers have been selected for this volume because of quality and relevance to the conference.

We would like to thank the guest editors Dr. Joy Chen, Professor, Department of Electrical, Engineering, Dayeh University, Taiwan, and Dr. Álvaro Rocha, Professor, Department of Informatics Engineering, University of Coimbra, Portugal, for their valuable guidance and technical support for the article selection process.

ICICCT 2020 would like to express our sincere appreciation to all authors for their contributions to this book. We would like to extend our thanks to all the referees for their constructive comments on all papers; especially, we would like to thank the organizing committee for their hard work. Finally, we would like to thank the Springer publications for producing this volume.

Namakkal, India

Dr. G. Ranganathan
Conference Chair
ICICCT 2020

About the Conference

We welcome you to the 2020 International Conference on Inventive Communication and Computational Technologies (ICICCT 2020) was held on May 28 and 29, 2020, at Gnanamani College of Technology, Namakkal, Tamil Nadu. ICICCT 2020 provides a highly competitive forum for reporting the latest developments in the research and application of communication and computational technologies. We are pleased to present the proceedings of the conference as its published record.

The conference particularly encouraged the interaction of research students and developing academics with the more established academic community in an informal setting to present and to discuss new and current work. Their contributions helped to make the conference as outstanding as it has been. The papers contributed the most recent scientific knowledge known in the field of modern communication systems which includes informatics, data communication and computer networking, wireless communication, electronics, software engineering, machine learning and optimization, VLSI design and automation, networking, computing systems, social networks, Internet of things, cloud and big data, etc.

We hope that this program will further stimulate research in advanced electronics and communication technologies, artificial intelligence and capsule networks, data communication and computer networking and communicating things networks. We feel honored and privileged to serve the best recent developments in all the areas of communication technologies to you through this exciting program.

We thank all authors and participants for their contributions.

Dr. G. Ranganathan
Conference Chair
ICICCT 2020

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