

Preface

This work comprises the proceedings of the International Conference on Informatics and Communication Technologies for Societal Development (ICICTS '14). ICICTS is a joint venture of the professors of the School of Computer Science and Technology of Karunya University and the National University of Singapore. This conference was organized with the primary goal of promoting research ideas that aim to provide solutions to the needs of society through information and communication technologies. ICICTS provided a unique forum for the delegates to exchange ideas, observations, models, results, and experiences with researchers and practitioners who are involved in real-time projects that work towards societal development. ICICTS is supported by a panel of reputed advisory committee members both from India and from abroad. The research track of ICICTS '14 received a total of 101 submissions that were full research papers on diverse fields of information and communication technologies. Each research paper submission was subjected to a rigorous blind review process by three eminent academicians. After the scrutiny, 17 papers were selected for presentation in the conference and are included in this volume.

These proceedings include topics in the fields of image and signal processing, computer vision, communication technologies, soft computing, advanced computing, data mining, and knowledge discovery. The research papers featured in this proceeding provide novel ideas that contribute to the growth of the society through computing technologies. The contents of this proceeding will prove to be an invaluable asset to the researchers in the area of societal development.

The editors appreciate the extensive time and effort put in by all the members of the organizing committee for ensuring a high standard for the papers published in this volume. We would like to express our thanks to the panel of experts who helped us review the papers and assisted us in selecting the candidate for the best paper award. We would like to thank the eminent keynote speakers who have shared their

ideas with the audience and all the researchers and academicians who have contributed their research work, models, and ideas to ICICTS 2014.

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