

Preface

The volume contains 41 papers presented at the 4th International Conference on Innovations in Computer Science and Engineering (ICICSE 2016) held during 22–23 July, 2016 at Guru Nanak Institutions Campus in association with CSI Hyderabad Chapter.

The focus of the 4th ICICSE 2016 is to provide an opportunity for all the professionals and aspiring researchers, scientists, academicians and engineers to exchange their innovative ideas and new research findings in the field of computer science and engineering. We have taken an innovative approach to give an enhanced platform for these personnel, participants, researchers, students and other distinguished delegates to share their research expertise, experiment breakthroughs or vision in a broad criterion of several emerging aspects of computing industries. The conference received an overwhelming response in terms of number of submissions from different fields pertaining to innovations in the field of computer science in main tracks and special session. After a rigorous peer-review process through our program committee members and external reviewers, we accepted 41 submissions with an acceptance ratio of 0.38.

ICICSE 2016 was inaugurated by Dr. Anirban Basu, President, Computer Society of India. The guest of honors were Dr. A. Govardhan, Principal, JNTUCEH, Ms. G. Sandhya, Senior Program Manager Microsoft India, Mr. Raju Kanchibotla, Southern, Regional Vice President, CSI and Dr. Raghav Kune, Scientist, ADRIN and ISRO.

We take this opportunity to thank all keynote speakers and special session chairs for their excellent support to make ICICSE 2016 a grand success. We would like to thank all reviewers for their time and effort in reviewing the papers. Without their commitment it would not have been possible to have the important ‘referee’ status assigned to papers in the proceedings. The quality of these papers is a tribute to the authors and also to the reviewers who have guided any necessary improvement. We are indebted to the program committee members and external reviewers who have contributed towards excellent reviews and in a very short span of time. We would also like to thank CSI Hyderabad Chapter having coming forward to support us to organize this mega event.

We would also like to thank the authors and participants of this conference. Special thanks to all the volunteers for their tireless efforts. All the efforts are worth and would please us all, if the readers of these proceedings and participants of this conference rate the papers and the event inspiring and enjoyable.

Finally, we place our special sincere thanks to the press, print and electronic media for their excellent coverage of this conference.

Ibrahimpattam, India

H.S. Saini
Rishi Sayal
Sandeep Singh Rawat

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Saini, H.S.; Sayal, R.; Rawat, S.S. (Eds.)

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