

Preface

These AISC volumes contain the papers presented at the ICT4SD 2015: International Conference on Information and Communication Technology for Sustainable Development. The conference was held during July 3–4, 2015 at Hotel Pride Ahmedabad, India, and communally organized by ASSOCHAM Gujarat Chapter, ACM Professional Chapter, GESIA and Sabar Institute of Technology, Gujarat and Computer Society of India, as Knowledge Partner. The objective of this international conference was to provide an opportunity for researchers, academicians, industry persons, and students to interact and exchange ideas, experience, and expertise in the current trend and strategies for Information and Communication Technologies. Besides this, participants were also enlightened about the vast avenues, current and emerging technological developments in the field of ICT in this era, and its applications. The conference attracted a large number of high-quality submissions and stimulated cutting-edge research discussions among many academic pioneering researchers, scientists, industrial engineers, and students from all over the world and provided a forum for researchers. Research submissions in various advanced technology areas were received and after a rigorous peer-review process with the help of program committee members and external reviewers, 154 (Vol-I: 77, Vol-II: 77) papers were accepted with an acceptance ratio of 0.43. The conference featured many distinguished personalities such as Mr. Job Glas, Head of Mission, NBSO, Netherlands, Mr. Volkmar Blech, Zera GmbH, Germany, Dr. Mukesh Kumar, TITS, Bhiwani, Dr. Vipin Tyagi, Jaypee University, Guna, Prof. Pravesh Bhadviya, Director, Sabar Education, Mr. Bipin V. Mehta, President CSI, Mr. Hemal Patel, MD, Cyberoam, Ms. Bhagyesh Soneji, Chairperson, ASSOCHAM, and Mr. Jay Ruparel, President, GESIA. Separate invited talks were organized on industrial and academia tracks on both days. The conference also hosted a few tutorials and workshops for the benefit of participants. We are indebted to ASSOCHAM Gujarat Chapter, Sabar Institute of Technology and Computer Society of India, ACM Professional Chapter for their immense support to make this conference possible on such a grand scale. A total of 18 sessions were organized as a part of ICT4SD including 15 technical, 2 plenary, and 1 inaugural

session. The Session Chairs for the technical sessions included Dr. Chirag Thaker, GEC, Bhavnagar, India, Dr. Vipin Tyagi, Jaypee University, MP, India, Dr. Munesh Trivedi, ABES Engineering College, Ghaziabad, India, Dr. Ramesh Thakur, DAVV, Indore, India, Dr. Dilip Kumar Sharma, GLA University, Mathura, India, Dr. Bhushan Trivedi, GLS University, Ahmedabad, India, Dr. S.M. Shah, KSV University, India, Dr. Nikita Vats Doohan, Indore, MP, India, Dr. Harshal Arolkar, GLS University, Ahmedabad, India, Dr. Priyanka Sharma, Raksha Shakti University, Ahmedabad, India, Dr. Nilesh Modi, KSV, Ahmedabad, India, Dr. Satyen Parikh, Ganpat University, India, Dr. Sakshi Kaushal, UIET, Punjab University, India, Dr. S.C. Satapathy, Visakhapatnam, India, and Dr. Nisarg Pathak, KSV, Ahmedabad, India.

We express our sincere thanks to the members of the technical review committee for their valuable support in doing critical reviews to enhance the quality of all accepted papers. Our heartfelt thanks are due to the National and International Advisory Committee and CSI Execomm Members for their support in making this a grand success. Our authors deserve big thanks since it is due to them that the conference was such a huge success.

Our sincere thanks to all the sponsors, press, print, and electronic media for their excellent coverage of this convention.

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