

Preface

This AISC volume contains the papers presented at the ICICT 2015: International Congress on Information and Communication Technology. The conference was held during October 9 and 10, 2015 at Hotel Golden Tulip, Udaipur, India and organized by CSI Udaipur Chapter, Division IV, SIG-WNS, SIG-e-Agriculture in association with ACM Udaipur Professional Chapter, The Institution of Engineers (India), Udaipur Local Centre and Mining Engineers Association of India, Rajasthan Udaipur Chapter. It has targeted state-of-the-art as well as emerging topics pertaining to ICT and effective strategies for its implementation of engineering and managerial applications. The objective of this international conference is to provide opportunities for the researchers, academicians, industry persons, and students to interact and exchange ideas, experience and expertise in the current trends and the strategies for information and communication technologies. Besides this, participants will also be enlightened about vast avenues, current and emerging technological developments in the field of ICT in this era, and its applications being thoroughly explored and discussed. The conference has attracted a large number of high-quality submissions and stimulated the cutting-edge research discussions among many academic pioneering researchers, scientists, industrial engineers, and students all over the world and also has provided a forum to researcher. The goals of this forum, as follows, are to: Propose new technologies, share their experiences and discuss future solutions for design infrastructure for ICT; provide common platform for academic pioneering researchers, scientists, engineers, and students to share their views and achievements; enrich technocrats and academicians by presenting their innovative and constructive ideas; focus on innovative issues at international level by bringing together the experts from different countries. 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 reviewer, 135 (Vol-I: 68, Vol-II: 67) papers were accepted with an acceptance ratio of 0.43. The conference featured many distinguished personalities like Dr. L.V. Murlikrishna Reddy, President, The Institution of Engineers (India); Dr. Aynur Unal, Stanford University, USA; Ms. Mercy Bere, Polytechnique of

Namibia, Namibia; Dr. Anirban Basu (Vice President and President Elect) Zera GmbH, Germany; Dr. Mukesh Kumar, TITS, Bhiwani; Dr. Vipin Tyagi, Jaypee University, Guna; Dr. Durgesh Kumar Mishra, Chairman Division IV CSI; Dr. Basant Tiwari, and many more. Separate Invited talks were organized in industrial and academia tracks on both days. The conference also hosted few tutorials and workshops for the benefit of participants. We are indebted to ACM Udaipur Professional Chapter, The Institution of Engineers (India), Udaipur Local Centre and Mining Engineers Association of India, Rajasthan Udaipur Chapter for their immense support to make this Congress possible in such a grand scale. A total of 15 Sessions were organized as a part of *ICICT 2015* including 12 technical, one plenary and one Inaugural Session and one Valedictory Session. A total of 118 papers were presented in 12 technical sessions with high discussion insights. The total number of accepted submissions was 139 with a focal point on ICT. The Session Chairs for the technical sessions were Dr. Chirag Thaker, GEC, Bhavnagar, India; Dr. Vipin Tyagi, Jaypee University, MP, India; Dr. Priyanka Sharma, Raksha Shakti University, Ahmedabad, India; Dr. S.K. Sharma; Dr. Bharat Singh Deora; Dr. Nitika Vats Doohan, Indore; Dr. Mahipal Singh Deora; Dr. Tarun Shrimali; and Dr. L.C. Bishnoi.

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