

Lecture Notes in Networks and Systems

Volume 9

Series editor

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Information and Communication Technology for Sustainable Development

Proceedings of ICT4SD 2016, Volume 1

 Springer

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Preface

The volume contains the best selected papers presented at the ICT4SD 2016: International Conference on Information and Communication Technology for Sustainable Development. The conference was held during 1 and 2 July 2016 in Goa, India and organized communally by the Associated Chambers of Commerce and Industry of India, Computer Society of India Division IV and Global Research Foundation. It targets state of the art as well as emerging topics pertaining to ICT and effective strategies for its implementation for engineering and intelligent 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 trend and strategies for information and communication technologies. Besides this, participants are also enlightened about vast avenues, and current and emerging technological developments in the field of ICT in this era and its applications are thoroughly explored and discussed. The conference attracted a large number of high-quality submissions and stimulated the cutting-edge research discussions among many academically pioneering researchers, scientists, industrial engineers and students from all around the world. The presenter proposed new technologies, shared their experiences and discussed future solutions for designing infrastructure for ICT. The conference provided common platform for academic pioneering researchers, scientists, engineers and students to share their views and achievements. The overall focus was 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, 105 papers were accepted with an acceptance ratio of 0.43. The conference featured many distinguished personalities like Prof. H.R. Vishwakarma, Prof. Shyam Akashe, Mr. Nitin from Goa Chamber of Commerce, Dr. Durgesh Kumar Mishra and Mr. Aninda Bose from Springer India Pvt. Limited, and also a wide panel of start-up entrepreneurs were present. Separate invited talks were organized in industrial and academia tracks on both days. The conference also hosted tutorials and workshops for the benefit of participants. We are indebted to CSI Goa Professional Chapter, CSI Division IV, and Goa Chamber

of Commerce for their immense support to make this conference possible in such a grand scale. A total of 12 sessions were organized as a part of ICT4SD 2016 including nine technical, one plenary, one inaugural and one valedictory session. A total of 73 papers were presented in nine technical sessions with high discussion insights. Our sincere thanks to all sponsors, press, print and electronic media for their excellent coverage of this conference.

Indore, India
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