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Proceedings of the International Conference on Signal, Networks, Computing, and Systems

ICSNCS 2016, Volume 1

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Preface

International Conference on Signal, Networks, Computing, and Systems (ICSNCS 2016), organized by School of Computer and Systems Sciences, Jawaharlal Nehru University, India, during February 25–27, 2016, certainly marks a success toward bringing researchers, academicians, and practitioners in the same platform. It is indeed a pleasure to receive overwhelming response from researchers of premier institutes of the country and abroad for participating in ICSNCS 2016, which makes our endeavor successful. Being the first conference of its series, it was challenging for us to broadcast the conference among researchers and scientists and to receive their valuable works for review. A very systematic workflow by the committee has made it possible. We have received 296 articles and have selected 73 articles of the highest quality among them for presentation and publication through peer review done by at least two experts for each article. We are unable to accommodate many promising works as we restricted our selection to limited articles which can be elaborately presented in a three-day conference. We are thankful to have the advice of dedicated academicians and experts from industry to organize the conference. We thank all researchers participating and submitting their valued works in our conference. The articles presented in the proceedings discuss the cutting-edge technologies and recent advances in the domain of the conference. We conclude with our heartiest thanks to everyone associated with the conference and seek their support to organize the next editions of the conference in subsequent years.

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About the Editors

Dr. Daya K. Lobiyal is currently serving as a professor in School of Computer and Systems Sciences in Jawaharlal Nehru University, India. His research works have been published in many journals and conference proceedings. He is a fellow of Institution of Electronics and Telecommunication Engineers, India.

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Prof. Atulya Nagar holds the foundation chair as a professor of mathematical sciences at Liverpool Hope University where he is the dean of Faculty of Science. He has been the head of the Department of Mathematics and Computer Science since December 2007. A mathematician by training, he is an internationally recognized scholar working at the cutting edge of applied nonlinear mathematical analysis, theoretical computer science, operations research, and systems engineering, and his work is underpinned by strong complexity–theoretic foundations. He has an extensive background and experience of working in the universities in the UK and India. He has edited volumes on intelligent systems and applied mathematics; he is the editor in chief of the International Journal of Artificial Intelligence and Soft Computing (IJAISC) and serves on editorial boards for a number of prestigious journals such as the Journal of Universal Computer Science (JUCS). Professor Nagar received a prestigious Commonwealth Fellowship for pursuing his

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