

Lecture Notes in Networks and Systems

Volume 34

Series editor

Janusz Kacprzyk, Polish Academy of Sciences, Systems Research Institute,
Warsaw, Poland

e-mail: kacprzyk@ibspan.waw.pl

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e-mail: gomide@dca.fee.unicamp.br

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e-mail: okyay.kaynak@boun.edu.tr

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e-mail: derong@uic.edu

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e-mail: wpedrycz@ualberta.ca

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e-mail: mpolycar@ucy.ac.cy

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e-mail: rudas@uni-obuda.hu

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e-mail: jwang.cs@cityu.edu.hk

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Basant Tiwari · Vivek Tiwari
Kinkar Chandra Das · Durgesh Kumar Mishra
Jagdish C. Bansal
Editors

Proceedings of International Conference on Recent Advancement on Computer and Communication

ICRAC 2017

 Springer

Editors

Basant Tiwari
Computer Science and Engineering
Technocrats Institute of Technology
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Vivek Tiwari
Computer Science and Engineering
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Science and Engineering
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Indore, Madhya Pradesh
India

Jagdish C. Bansal
Department of Mathematics
South Asian University
New Delhi, Delhi
India

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Preface

On May 25–26, 2017, the iMPLab Research & Innovation at Bhopal organized the first International Conference on Recent Advancement on Computer and Communication (ICRAC 2017).

In an era of sensor, high-speed wireless communication, energy-efficient device, huge data, information security, ubiquitous computing, and Internet of Things (IoT) are undergoing considerable change. The rapid influx of digital technologies is redefining communication processes, altering media structures and operations, and transforming the availability and accessibility of information. While these developments enable new social, cultural, political, and economic activities, they can also produce adverse ramifications for consumers and communities in terms of all aspects of security.

Overall, the conference hosted nearly 82 presentations by academicians from India and abroad. The speakers covered a broad range of issues and challenges in the Internet and telecommunications fields including the influence of IoT application to make things smarter; digital infrastructure developments and opportunities for further connectivity, particularly in relation to mobile and public Wi-Fi prospects; new methods for information security; advancing communication practices to facilitate social inclusion; energy-efficient sensors and other devices; and the other challenges associated with changing technologies and communication.

The papers published in the volume represent an overview of the issues explored at the conference and accentuate the diversity of both research topics and methodologies used in the communication. Moreover, they reflect salient, nuanced, and interrelated emerging issues surrounding information flow, digital participation, IoT. These papers have undergone double-blind peer review, with Indian and international academics assisting in this process. Many thanks to all of the authors for the time and effort spent developing papers for the proceedings. Hosting the International Conference on Recent Advancement on Computer and Communication first year was no small feat and certainly would not have been possible without the broad support it received. In particular, sincere thanks to all our friends, colleagues, mentors, and research scholars who helped out each day. In addition to people from industry and academia helping to promote it, assisting with the peer review process, chairing sessions, presenting

research, contributing to the proceedings, and engaging with speakers in the sessions—we would not have been able to hold the event without your support and greatly appreciate the efforts and willingness of all who were involved.

Bhopal, India
Naya Raipur, India
Suwon, Korea
Indore, India
New Delhi, India

Basant Tiwari
Vivek Tiwari
Kinkar Chandra Das
Durgesh Kumar Mishra
Jagdish C. Bansal

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About the Editors

Dr. Basant Tiwari is currently serving as Professor and Head in Computer Science and Engineering Department at Technocrats Institute of Technology, Bhopal. He has rich experience in teaching undergraduate and postgraduate classes. He has many international and national publications to his credit in conferences and journals. He has also attended many national and international conferences, workshops, seminars, and symposiums all over India and abroad. His current area of research is “Pervasive Healthcare and Remote Medical Care.” He is a Senior Member of IEEE, ACM, CSI, and IACSIT. Currently, he has been honored as Bhopal Representative in IEEE M.P. Sub-section, Treasurer in ACM Udaipur Chapter, and Secretary in CSI Bhopal Chapter. He has organized various national and international conferences, delivered invited talks, and also chaired the technical sessions. He is a reviewer of various reputed international journals and books. He did his Ph.D. from Devi Ahilya University, Indore.

Dr. Vivek Tiwari is an Assistant Professor of Computer Science and Engineering at DSPM International Institute of Information Technology, Naya Raipur, India. He is alumni of Maulana Azad National Institute of Technology (MANIT), Bhopal. Previously, he worked with the universities of national repute and Caresoft Incorporation (based at Middlesex, NJ, USA) as Software Engineer. He is the recipient of Young Scientist Fellowship (MPYSC_2014_814) for the year 2014–2016 by the Madhya Pradesh Council of Science & Technology (MPCST), Government of Madhya Pradesh. He has published more than 30 research papers, book, and chapters in the areas of data mining, data warehousing, pattern warehousing, distributed computing, and cloud computing in leading international journals (Springer, Inderscience, Elsevier, ACM, and IGI Global) and conferences. He is editor in chief of book “Handbook of Research on Pattern and Data Analysis in Healthcare Settings” under the series of Advances in Data Mining & Database Management (ADMDM), published by IGI Global, USA. A research project

“Aakash for Education” of cost 5 lakh funded by MHRD, India, is in his credit. He is associated with National Mission on Education through ICT (NMEICT) supported by IIT Bombay and MHRD since 2012.

Dr. Kinkar Chandra Das obtained his M.Tech. degree in Computer Science and Data Processing and Ph.D. degree in Spectral Graph Theory from Indian Institute of Technology Kharagpur, India, in 2004. He won the French Scholarship from Ministry of France, helping him to be a part of LRI, University Paris XI, France, for 1 year. After that, he joined the Department of Mathematics, Sungkyunkwan University, in 2006, and presently, he holds the position of Associate Professor in the same university. His main areas of research interest are spectral graph theory, molecular graph theory, degree sequence of graphs, and graph coloring. He has published almost 200 research papers in these areas in reputed international journals, guided two Ph.D. students, and supervised five postdoctoral researchers, and four Ph.D. students are working at the moment. He has written a book on “The Harary Index of a Graph” with two coauthors, published by Springer, Heidelberg, Germany, in 2014. He has recently edited three monographs on Mathematical Chemistry: (i) Bounds in Chemical Graph Theory—Basics, (ii) Bounds in Chemical Graph Theory—Mainstreams, and (iii) Bounds in Chemical Graph Theory—Advances. He has been on the editorial boards of various reputed journals.

Dr. Durgesh Kumar Mishra has received his M.Tech. degree in Computer Science from DAVV, Indore, in 1994 and Ph.D. degree in Computer Engineering in 2008. Presently, he has been working as a Professor (CSE) and Director, Microsoft Innovation Centre, Sri Aurobindo Institute of Technology, Indore, MP, India. He is also a visiting faculty at IIT Indore, MP, India. He has 24 years of teaching and 10 years of research experience. He has completed his Ph.D. under the guidance of late Dr. M. Chandwani on Secure Multi-Party Computation for Preserving Privacy. He has published more than 90 papers in refereed international/national journals and conferences including IEEE and ACM. He visited and delivered his invited talk in Taiwan, Bangladesh, Singapore, Nepal, USA, UK, and France. He has authored a book on “Database Management Systems.” He had been Chief Editor of Journal of Technology and Engineering Sciences.

Dr. Jagdish C. Bansal is an Assistant Professor at South Asian University, New Delhi, India. Holding an excellent academic record, he is an outstanding researcher in the field of swarm intelligence at the national and international levels, having written several research papers in journals of national and international repute.