Preface

The First International Conference on Computational Intelligence & Data Engineering (ICCIDE 2017) took place on 14 and 15 July 2017 in Lakireddy Bali Reddy College of Engineering (LRBCE), Autonomous at Mylavaram, Krishna District, Andhra Pradesh, India. Ca' Foscari University of Venice, Italy and the University of Calcutta, India were the academic partners for ICCIDE 2017.

ICCIDE is conceived as a forum for presenting and exchanging ideas, which aims at resulting in high-quality research work in cutting edge technologies and most happening areas of computational intelligence and data engineering.

The conference solicited latest research ideas on computational intelligence and data engineering, thus inviting researchers working in the domains of machine learning, Bayesian network, computational paradigms and computational complexity, rough sets, semantic web, knowledge representation, data models, ubiquitous data management, mobile databases, data provenance, workflows, scientific data management and security.

The sincere effort of the program committee members coupled with indexing initiatives from Springer have drawn a large number of high-quality submissions from scholars all over India and abroad. A thorough peer-review process has been carried out by the PC members and by external reviewers. While reviewing the papers, the reviewers mainly looked at the novelty of the contributions, besides the technical content, the organization and the clarity of the presentation. The entire process of paper submission, review and acceptance process was done electronically.

The Technical Program Committee eventually could identify 30 papers for publication out of 311 submissions. The resulting acceptance ratio is 9.65%, which is healthy and quite good in the very first year of the conference. The program also includes four invited talks, by Dr. Venu Govindaraju (University at Buffalo, USA), Dr. D. Janakiram (IIT Madras, India), Prof. Stephen Marsland (Massey University, New Zealand) and Prof. Agostino Cortesi (Ca' Foscari University, Italy).

We eventually extend our gratitude to all the members of the Program Committee and the external reviewers for their excellent and time-bound review work. We thank all the sponsors, who have come forward towards organizing this

symposium. We submit our indebtedness to Sri Lakireddy Bali Reddy, Chairman; Sri Lakireddy Jaya Prakash Reddy, Co-Chairman; and Sri Lakireddy Prasada Reddy, Vice-Chairman. We are thankful to the entire management of LBRCE for their patronage and continual support to make the event successful. We appreciate the initiative and support from Mr. Aninda Bose and his colleagues in Springer Nature for their strong support towards publishing this volume in the Lecture Notes on Data Engineering and Communications Technologies (LNDECT) series of Springer Nature. Finally, we thank all the authors without whom the conference would not have reached the expected standards.

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May 2017



http://www.springer.com/978-981-10-6318-3

Proceedings of International Conference on
Computational Intelligence and Data Engineering
ICCIDE 2017
Chaki, N.; Cortesi, A.; Devarakonda, N. (Eds.)
2018, XVI, 372 p. 188 illus., Softcover
ISBN: 978-981-10-6318-3