

# Preface

The First International Conference on Computational Intelligence and Informatics (ICCII 2016) was held during May 28–30, 2016 at Hyderabad, hosted by the Department of Computer Science and Engineering, JNTUHCE, Hyderabad in association with Division-V (Education and Research) CSI. The proceedings of this conference contain 69 papers which are included in this volume. It proved to be a great platform for researchers from across the world to report, deliberate, and review the latest progress in the cutting-edge research pertaining to computational intelligence and its applications to various engineering fields. The response to ICCII 2016 was overwhelming. It received a good number of submissions from different areas relating to computational intelligence and its applications in main tracks; and after a rigorous peer-review process with the help of our program committee members and external reviewers, we finally accepted quality papers with an acceptance ratio of 0.25.

This conference is organized in the honor of Prof. A. Vinaya Babu, who is retiring from services, for his services rendered in the JNTUH University in general and the Department of Computer Science and Engineering, JNTUHCE, Hyderabad in particular.

Dr. L. Pratap Reddy, JNTUHCE, Hyderabad conducted a special session on “Information Theoretic Approach for Security”. A special session on “Introduction to nature inspired optimization and machine learning” was conducted by Dr. S.C. Satapathy, ANITS, Vizag. Dr. V. Ravi, IDRBT delivered a talk on “Data Analytics” and Dr. P. Sateesh Kumar, IIT, Roorkee conducted a special session on “Cloud-based IoT for Agriculture”. Dr. Swagatam Das, ISI, Kolkata conducted a special session on “Multi-objective Optimization and Unsupervised Learning: Some Issues and Challenges”. These sessions were very informative and beneficial to the authors and delegates of the conference.

We take this opportunity to thank all keynote speakers and special session chairs for their excellent support to make ICCII 2016 a grand success. The quality of a refereed volume depends mainly on the expertise and dedication of the reviewers. We are indebted to the program committee members and external reviewers who not only produced excellent reviews but also did them in short time frame. We

would also like to thank CSI Hyderabad, for coming forward to support us to organize this mega convention.

We express our heartfelt thanks to Chief Patrons, Smt. Shailaja Ramaiyer, IAS, Vice Chancellor, JNTUH, Prof. N.V. Ramana Rao, Rector, JNTUH, Prof. N. Yadaiah, Registrar, JNTUH, Prof. A. Govardhan, Principal, JNTUHCEH, faculty and administrative staff for their continuous support during the course of the convention.

We would also like to thank the authors and participants of this convention, who have considered the convention above all hardships. Finally, we would like to thank all the volunteers who spent tireless efforts in meeting the deadlines and arranging every detail to make sure that the convention runs smoothly. All the efforts are worth and would please us all, if the readers of this proceedings and participants of this convention found the papers and event inspiring and enjoyable. Our sincere thanks to the press, print, and electronic media for their excellent coverage of this convention.

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