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Futuristic Trends in Networks and Computing Technologies

Second International Conference, FTNCT 2019
Chandigarh, India, November 22–23, 2019
Revised Selected Papers
Preface

The Second International Conference on Futuristic Trends in Networks and Computing Technologies (FTNCT 2019) targeted researchers from different domains of Networks and Computing Technologies to showcase their research ideas at one single venue. The main four technical tracks of conference included: Network and Computing Technologies, Wireless Networks and Internet of Things (IoT), Futuristic Computing Technologies and Communication Technologies, and Security and Privacy. FTNCT was proposed with the intention of becoming an annual ongoing event at which researchers could gather and exchange their latest research results and ideas. The conference will evolve into an intellectual asset in the long term. FTNCT 2019 was jointly hosted by C-DAC Mohali, Jaypee University of Information Technology (JUIT), and HP India during November 22–23, 2019, in Mohali, India, in association with Southern Federal University, Russia; Sciences and Technologies of Image and Telecommunications (SETIT) of Sfax University, Tunisia; and technically supported by the CSI Chandigarh Chapter, India. FTNCT 2019 received funding from three leading government institutions, including AICTE, DRDO, and ISRO (all Government of India).

We are thankful to our valuable authors for their contributions and our Technical Program Committee for their immense support and motivation towards making the second version of FTNCT a grand success. We are also grateful to our keynote speakers: Prof. Arpan Kumar Kar (IIT Delhi, India), Dr. Sanjay Sood (Assoc. Director at C-DAC Mohali, India), Dr. Mahesh Kumar Kolekar (IIT Patna, India), Dr. Jitender Kumar Chhabra (Professor at NIT Kurukshetra, India), and Mr. Priyank Mistry (Zonal Head – North, M/s PeopleLink) for sharing their technical talks and enlightening the delegates of the conference.

Conference Inaugural was done by Honorable Shri. Balbir Singh Sidhu, Health and Family Welfare Minister, Government of Punjab, India; Dr. P. K. Khosla, Executive Director, C-DAC Mohali, India; Prof. Vinod Kumar, Vice Chancellor, JUIT, India; in presence of other guests and media persons.

We express our sincere gratitude to our publication partner, Springer (CCIS series), for believing in us. We are thankful to Ms. Kamiya Khatter, Associate Editor, Springer, and Sanja Evenson, Editorial Team, CCIS Springer, for extending their help from time to time in the preparation of these proceedings.

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