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# Applications of Computing and Communication Technologies

First International Conference, ICACCT 2018  
Delhi, India, March 9, 2018  
Revised Selected Papers

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## Preface

People across globe have understood the immense potential of IT with respect to its contribution in terms of economic growth, efficient governance, and improving quality of life in general. The main objective of the International Conference on Applications of Computing and Communication Technologies 2018 (ICACCT-2018) held at Shyama Prasad Mukherji College, University of Delhi, on March 9, 2018, was a humble beginning toward the empowerment of our society through technology to create a better tomorrow.

The University of Delhi is a premier university in India with a venerable legacy and international acclaim for the highest academic standards, diverse educational programs, distinguished faculty, illustrious alumni, varied co-curricular activities, and modern infrastructure. Over the many years of its existence, the university has sustained the highest global standards and best practices in higher education. Its long-term commitment to nation building and unflinching adherence to universal human values are reflected in its motto: “Nishtha Dhriti Satyam” निष्ठा धृति सत्यम् (Dedication, Steadfastness, and Truth). Established in 1922 as a unitary, teaching, and residential university by the Act of the then Central Legislative Assembly, a strong commitment to excellence in teaching, research, and social outreach has made the university a role model and trend-setter for other universities. The President of India is the Visitor, the Vice-President is the Chancellor, and the Chief Justice of the Supreme Court of India is the Pro-Chancellor of the University. Beginning with three colleges and 750 students, it has grown as one of the largest universities in India with 16 faculties, over 80 academic departments, an equal number of colleges, and over seven lakh students.

SPM College is a well-known women’s college of the University of Delhi. It was established in 1969 in the memory of distinguished academician and statesman Shyama Prasad Mukherji. It has no affiliation with any sect, religion, political group, or thinking. The college motto “tejasvi naa vadhi mastu” in Sanskrit has a profound meaning. It is derived from the Taittiriya Upanisad. It means, “Let our efforts at learning be luminous (Tejasvi) and filled with joy, and endowed with the force of purpose (Vadhi Mastu).”

This conference was successful in facilitating academics, researchers, and industry professionals to deliberate upon the latest issues and advancement in ICT and its applications. In total, 109 papers were submitted in three tracks. After a thorough review process, 30 papers were selected for oral presentation during the conference. After the oral presentation of the papers at the conference, the papers were further refined to enhance their quality.

This conference proceedings will prove beneficial for academics, researchers, and practitioners as it contains a wealth of valuable information on the recent developments in ICT.

July 2018

Ganesh Chandra Deka  
Omprakash Kaiwartya  
Pooja Vashisth  
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# Contents

## Communication and System Technologies

Trending Pattern Analysis of Twitter Using Spark Streaming . . . . .	3
<i>Prachi Garg, Rahul Johari, Hemang Kumar, and Riya Bhatia</i>	
NPCCPM: An Improved Approach Towards Community Detection in Online Social Networks . . . . .	14
<i>Hilal Ahmad Khanday, Rana Hashmy, and Aaqib Hussain Ganai</i>	
Financial Time Series Forecasting Using Deep Learning Network . . . . .	23
<i>Preeti, Ankita Dagar, Rajni Bala, and Ram Pal Singh</i>	
MapReduce Based Analysis of Sample Applications Using Hadoop . . . . .	34
<i>Mohd Rehan Ghazi and N. S. Raghava</i>	
End-to-End Security in Delay Tolerant Mobile Social Network . . . . .	45
<i>Rinki Rani and C. P. Katti</i>	
Energy Efficient Transmission in the Presence of Interference for Wireless Sensor Networks . . . . .	55
<i>Ajay Sikandar, Sushil Kumar, Prashant Singh, Manoj Kumar Tyagi, and Durgesh Kumar</i>	
Capturing User Preferences Through Interactive Visualization to Improve Recommendations . . . . .	65
<i>Pooja Vashisth, Purnima Khurana, Punam Bedi, and Sumit Kr Agarwal</i>	
Item-Based Collaborative Filtering Using Sentiment Analysis of User Reviews . . . . .	77
<i>Abhishek Dubey, Ayush Gupta, Nitish Raturi, and Pranshu Saxena</i>	
Emotion Analysis of Twitter Data Using Hashtag Emotions . . . . .	88
<i>Prerna Goel and Reema Thareja</i>	
Secure Data Exchange and Data Leakage Detection in an Untrusted Cloud . . . . .	99
<i>Denis Ulybyshev, Bharat Bhargava, and Aala Oqab-Alsalem</i>	

## Computing and Network Technologies

Call Admission Control Scheme for Cellular Wireless Network Using Queueing Model . . . . .	117
<i>Jitendra Kumar, Vikas Shinde, and Punit Johari</i>	

On Scalability of Interconnection Network Topologies. . . . .	130
<i>Nibedita Adhikari and C. R. Tripathy</i>	
Minimizing Route Coupling Effect in Multipath Video Streaming Over Vehicular Network . . . . .	139
<i>Ahmed Aliyu, Abdul Hanan Abdullah, Ajay Sikandar, Usman M. Joda, Fatai I. Sadiq, and Abubakar Ado</i>	
Wireless EEG Signal Transmission Using Visible Light Optical Camera Communication. . . . .	152
<i>Geetika Aggarwal, Xuewu Dai, Richard Binns, Reza Saatchi, Krishna Busawon, and Edward Bentley</i>	
Aeronautical Assisted IoT Implementation: Route Lifetime and Load Capacity Perspective . . . . .	162
<i>Kirshna Kumar, Pankaj Kumar Kashyap, and Sushil Kumar</i>	
An Efficient Best Fit Channel Switching (BFCS) Scheme for Cognitive Radio Networks . . . . .	173
<i>Anisha Grover and Vikram Bali</i>	
Coarse-Grain Localization in Underwater Acoustic Wireless Sensor Networks . . . . .	187
<i>Archana Toky, Rishi Pal Singh, and Sanjoy Das</i>	
Content Credibility Check on Twitter . . . . .	197
<i>Priya Gupta, Vihaan Pathak, Naman Goyal, Jaskirat Singh, Vibhu Varshney, and Sunil Kumar</i>	
Transmission Line Sag Calculation with Ampacities of Different Conductors . . . . .	213
<i>Sandeep Gupta and Shashi Kant Vij</i>	
Fuzzy-Kohonen Self-organizing Clustering Algorithm in Wireless Sensor Networks. . . . .	225
<i>Pankaj Kumar Kashyap, Kirshna Kumar, and Sushil Kumar</i>	
IEEE 802.11 Based Heterogeneous Networking: An Experimental Study . . . .	237
<i>Piyush Dhawankar and Rupak Kharel</i>	
A Load-Aware Matching Game for Node Association in Wireless Ad-Hoc Networks . . . . .	247
<i>Upasana Dohare and D. K. Lobiyal</i>	
Optimizing and Enhancing the Lifetime of a Wireless Sensor Network Using Biogeography Based Optimization . . . . .	260
<i>Ajay Kaushik, S. Indu, and Daya Gupta</i>	

**Application and Services**

Investigation of Parameters Influencing the Success  
of Crowdfunded Campaigns . . . . . 275  
*Jaya Gera and Harmeet Kaur*

Rise of Blockchain Technology: Beyond Cryptocurrency . . . . . 286  
*Hasil-E-Hayaat, Anu Priya, Aanchal Khatri, and Prashant Dixit*

Smart Healthcare Based on Internet of Things . . . . . 300  
*Dhruv Rohatgi, Siddharth Srivastava, Simran Choudhary,  
Aanchal Khatri, and Vaishali Kalra*

Blockchain Technology in Fund Management. . . . . 310  
*David Doe Fiergbor*

Performance Analysis of Time Series Forecasting Using Machine Learning  
Algorithms for Prediction of Ebola Casualties. . . . . 320  
*Manish Kumar Pandey and Karthikeyan Subbiah*

Impeccable Renaissance Approach: An e-Village Initiative. . . . . 335  
*Danish Faizan and Shaheen Ishrat*

Bot Development for Military Wargaming Simulation . . . . . 347  
*Punam Bedi, S. B. Taneja, Pooja Satija, Garima Jain,  
Aradhana Pandey, and Aditi Aggarwal*

**Author Index** . . . . . 361