

“Emerging Research in Computing, Information, Communication and Applications” –

ERCICA 2016- Report

The Departments of Computer Science & Engineering (CSE) and Master of Computer Applications (MCA) jointly organized the Fourth International Conference on “Emerging Research in Computing, Information, Communication and Applications (ERCICA-2016)” at Nitte Meenakshi Institute of Technology (NMIT), Yelahanka, Bangalore, India. ERCICA is one of the prestigious events of NMIT and is supported by Technical Education Quality Improvement Programme (TEQIP-II).

ERCICA-2016

The Fourth International conference (ERCICA-2016) was scheduled during 29th – 30th July, 2016 at NMIT, Yelahanka, Bangalore, India under the patronage of **Prof. N. R. Shetty**, Advisor, NMIT.

ERCICA-2016 aimed to provide an interdisciplinary forum for discussion among Researchers, Engineers and Scientists to promote research and transfer technology in Computing, Information, Communication and Applications. This conference provided the platform for promoting, networking of Academicians, Engineers and Scientist and also enthused the faculty to undertake high end research in above thrust areas.

We were extremely happy with the response we had received for the **Fourth** International Conference on “Emerging Research in Computing, Information, Communication and Applications” (ERCICA-16). We received more than **550 papers** from all over the world.

We received papers from places like Finland, Nigeria, UK, Saudi Arabia, Vietnam, USA, China etc and across the country from renowned Institutions like IIT-Kharagpur, IIT-Roorkee, IIT-Allahabad, NIT-Warangal, NIT-K-Surathkal, NIT-Agarthala, NIT-Patna, NIT-Calicut, Jadhavpur University, IIMT University, KIIT University, Bhubaneswar, Jawaharlal Nehru University, New Delhi, Bharatiyar University, Anna University, VIT, Vellore, Satyabhama University, Lovely Professional University, Punjab, and from outside Karnataka we had papers from places like Uttar Pradesh, Chennai, Nagpur, Coimbatore, Pune, Namakkal, Karur, Kathir, Sinhghad, Madhurai, Ananthpur, Gandhinagar, NewDelhi, Patiala, Maharashtra, Chattisgarh, Dharmapuri, Goa, Trichy, Hyderabad, Aurangabad, Tirupati, Bhuvaneshwar, Pondicherry, Jamshedpur, Guntur, Salem, Kolhapur, Rasoni, IIFT, Kurnool, Jodhpur, Kollam....etc.,

From our state we had papers from almost all the prominent Engineering colleges;to name a few DSCE, SJBIT, SIT,SSIT, CMRIT, RVCE, Adichunchanagiri, SDMCE, MSRIT, JSSATE, SJMIT, Sambhram, Presidency, BVBCET, MCE Hassan, Belgaum, EWIT, Alva's, ACIT, Acharya, Oxford, RITM, Dr.AIT, NMIT, NMAMIT, KVGCE, New Horizon, Alliance, CIT, Mangalore IT, Gogte, BTLIT, SJ CIT, BMSIT, etc.. We also had papers from Industry and R&D organizations like CICSO Systems, SAC (Space Application Center) &ISRO and JNTUK &ISRO.

The ERCICA Technical Review Committee followed all necessary steps to screen 550 papers of ERCICA 2016. There were six rounds of quality checks on each paper before selection for

Presentation/Publication in Springer. Out of 550 Papers, only 125 papers were finalized for Presentation and Publication for this year.

Acceptance Ratio was only 1:4

There were six rounds of process for selection of paper for publication. In the **first** round all 550 papers were sent for Anti-plagiarism check using Turn-it in software, In this process, only 252 papers were passed through Anti-plagiarism software and remaining 298 papers were rejected straight away in this round. The 252 papers which were below 25% of similarity index report by turnit-in and passed papers were sent to **three** Reviewers, who were professors from top International Institutions such as:

- Dr.Savitri Bevinakoppa, Professional Development and Scholarship Coordinator, School of IT and Engineering, **Melbourne Institute of Technology (MIT), Australia**
- Dr. Ramprasad P, Professor, Department of CSE & IT, **Manipal University, Dubai**
- Prof. Uma Shama, Professor of Mathematics & Computer Science, Co-Director, GeoGraphics Laboratory, Science & Mathematics Center, **Bridgewater State University, USA**
- Dr. P V Ananda Mohan, **Advisor CDAC**
- Prof. Zuriati Binti Ahmad Zukarnain, Professor, Department of Communication Technology and Networks, **University Putra Malaysia, Malaysia**
- Dr. Narushan Pillay, School of Engineering, **University of KWAZULU-Natul, Durban, South Africa**
- Prof. Sonajharia Minz, Professor, School of Computer and Systems Sciences, **Jawaharlal Nehru University, New Delhi**
- Dr. Vikram Goyal, Associate Professor, CSE, **IIT-New Delhi**

After receiving the reviews from Reviewers, there was one more round of review and scrutiny from the Theme editors, in this process 85 papers were rejected out of 252. Only 167 papers were sent to Springer for their final selection. Springer has done one round of scrutiny through anti-plagiarism software (i.e I-authenticate) and rejected 45 papers at their end. And finally only 125 papers were selected for Publication in Springer.

The proceedings of the conference was published by SPRINGER, one of the top renowned publishers in the world and indexed in Springer Digital Library and indexed in Google Scholar.

Also, as part of our conference, we had organized Pre-Conference Tutorials from eminent persons from Industry and Academia. The Pre-Conference Tutorials were held on two recent advanced topics- **'Data Analytics with 'R' and 'Internet of Things-Opportunities & Challenges' on 28th July 2016 at Nitte Meenakshi Institute of Technology.** For the pre-conference tutorials we had the Inaugural address by Prof.L.M.Patnaik, Former Vice Chancellor, Defence Institute of Advanced Technology, Pune & Adjunct Professor and INSA Senior Scientist, National Institute of Advanced Studies, Bangalore. Presidential Address by Prof.N R Shetty, (Former Vice-Chancellor, Bangalore University & Former President -ISTE, New Delhi) & Chairman- Karnataka State Universities Review Commission, Bangalore, Karnataka. And the resource persons for the pre-conference were Dr. Kumar Padmanabh , Lead Scientist in Corporate Research Department of Robert Bosch GMBH in the area of Internet of Things. Mr. Rajeev Arora, Director & CTO, Sensorise Digital Services Private Limited and Mr. Raju Kumar Mishra, Raju Mishra is a freelance corporate trainer having trained in more than 20 companies including Span Labs Mumbai, Dallas Technologies to name a few, on various technologies like R, Sparks, Java & J2EE.

On (29th July 2016) the first day of Conference, Sri. Basavaraj Rayareddi, Hon'ble Minister for Higher Education, Govt. of Karnataka and Chairman, Karnataka State Higher Education Council inaugurated the International Conference.

Prof. (Dr.) Rajesh G. Kavasseri, Associate Professor and Graduate Program Director in the Department of Electrical Engineering and Computer Engineering at North Dakota State University (NDSU), Fargo, USA was the 'Keynote Speaker' and delivered the Key note Address.

Prof. L. M Patnaik, Former Vice-Chancellor, Defense Institute of Advanced Technology, Pune & Adjunct Professor and INSA Senior Scientist, National Institute of Advanced Studies, Bangalore was the 'Distinguished Speaker'.

Dr. Kalidas Shetty, Founding Director of Global Institute of Food Security & International Agriculture (GIFSIA), Professor of Plant Science & Associate Vice President of International Partnerships & Collaborations, North Dakota State University, Fargo, USA was the 'Distinguished Speaker'

Prof. N. R Shetty, Vice-President – Red Cross Society, Karnataka State Chairman- Karnataka State Universities Review Commission, Bangalore, Karnataka (Former Vice-Chancellor, Bangalore University & Former President-ISTE, New Delhi) 'Presided' over the function.

On (30th July 2016) the second day of the conference, Dr. Venugopal K R, Principal, UVCE, Bangalore was the 'Chief Guest' and delivered the 'Inaugural Address'.

Prof. N. R Shetty, Vice-President – Red Cross Society, Karnataka State Chairman- Karnataka State Universities Review Commission, Bangalore, Karnataka (Former Vice-Chancellor, Bangalore University & Former President-ISTE, New Delhi) 'Presided' over the function.

The Cultural program and Banquet was arranged at 7.00 p.m. for all delegates and guests at NMIT campus.

ERCICA-2016 was organized under the patronage of Dr. N. R. Shetty, Advisor, Nitte Education Trust, Dr. H. C. Nagaraj, Principal, NMIT was the Conference Chair and Dr. Prasad Naik Hamsavath, HOD, MCA and Dr. Nalini N., Professor, CSE, NMIT were the Program Chairs.

We are proud to say that, we had a database of more than 30,000 emails, 5000 authors/ delegates, and participants were associated with ERCICA with 5000 Institutions from different parts of the world who are involved from papers submission to presentation / publication ERCICA since its inception.

With best regards,

(Dr. H.C. Nagaraj)

Principal