

Nitte Meenakshi Institute of Technology
(An Autonomous Institution approved by UGC and affiliated to VTU, Belgaum)

Second International Conference on
“Emerging Research in Computing, Information, Communication and Applications”
ERCICA-2014
(August 01-02, 2014)

ERCICA-2014 - REPORT

The Second International Conference on **“Emerging Research in Computing, Information, Communication and Applications”**, **ERCICA-2014** is one of the prestigious **annual events** of NMIT, jointly organized by the Departments of CSE & MCA during 01-02, August, 2014 at Nitte Meenakshi Institute of Technology (NMIT), Yelahanka, Bangalore, India. The conference is supported by Technical Education Quality Improvement Program (TEQIP).

ERCICA-2014 is organized under the patronage of Prof. N R Shetty, Advisor, Nitte Education Trust, Dr.H.C.Nagaraj, Principal, NMIT who is the Conference Chair and Dr. Prasad Naik Hamsavath, HOD, MCA and Dr. Nalini.N, Professor, CSE , NMIT as the Program Chairs.

ERCICA aims to provide an interdisciplinary forum on a single forum for Researchers, professional Engineers and Scientists, educators, and technologists to discuss, debate and promote research and technology in the thrust areas such as Computing, Information, Communication and Applications

We have received more than 850 papers in various specializations of Computing, Information, Communication and Applications. All the papers received have been reviewed thoroughly by an Expert Review Committee and selected purely on the basis of quality of research and outcomes.

We have received papers from places like Finland, Nigeria, UK, Saudi Arabia, Vietnam, USA, China etc and from across the country from renowned Institutions like IIT-Kharagpur, IIT-Roorkee, IIT-Allahabad, IIT-Kanpur, IIT-Madras, IIT-Delhi, 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, Thapar University, Punjab. BHU, Mangalore University, Mysore University and so on... the list is countless

From our state we have papers from almost all the prominent Engineering colleges like 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, SJCIT, BMSIT, etc...

We also have papers from Industry and R&D organizations like CICSO Systems, SAC (Space Application Center) &ISRO and JNTUK, TCS, Infosys,

We wish to state that the acceptance ratio is 1:3

The proceedings of the conference is published by ELSEVIER, one of the top rated publishers in the world and indexed in SearchDL / DBLP (*Digital Bibliography & Library Project*).

ERCICA-2014 has also organized a Pre-Conference tutorial on 31, July, 2014 at Nitte Meenakshi Institute of Technology. **Prof. L M Patnaik**, Former Vice Chancellor-Defence Institute of Advanced Technology, Pune & Honorary Professor, Indian Institute of Science, Bangalore gave a talk on “From Embedded to Cyber Physical Systems”, and Prof. **K G Srinivasa**, Head of the Department, Computer Science and Engineering, M S Ramaiah Institute of Technology, Bangalore spoke on “Big Data and Data Science - An Academic and Research Perspective”

We are very happy that, our International conference was inaugurated by our Respected Chief Guest **Prof. (Dr.) M. Anandkrishnan**, Chairman, Board of Governors, IIT, Kanpur.

Prof. N. Balakrishnan, Professor, Department of Aerospace Engineering & SERC, IISc, Bangalore, **delivered the 'Keynote Address'**.

Later in the day evening in the New Seminar hall, we had **Dr. Venugopal K R**, Special Officer, Dvg Bangalore University & Principal, UVCE, Bangalore, **as the 'Guest of Honor'** and Also Delivered a Key Note Address.

We also had on stage our Chief Patron and Visionary **Prof. N R Shetty**, Advisor, NMIT.

Also we had Dr. **H.C.Nagaraj**, Conference Chair, Dr. Jharna Majumdar Dean (R&D) and Prof Ranganatha Setty Dean (Academic) our Advisory Chairs.

More than 400 authors presented their papers in four different tracks in 46 sessions i.e., Computing, Information, Communication and Applications chaired by reputed persons from Industry and Academia.

We have also arranged cultural program and **Banquet** at 7.00pm at Gold Finch Hotel. Airport Road on 01, August 2014.

A **local tour** of Bangalore also arranged for the interested authors/Participants on 3rd August 2014.

Prof. Deephak Phatak, expressed his inability to attend the conference due to some urgent meetings at Mumbai.

ERCICA is co-sponsored by TCS, Axis Bank, CrissCross International Pvt.Ltd, Oredian Education Resources Limited, Synergy Career Consultants Pvt. Ltd., Amasa Educational Services and GBC Overseas Consultancy and Higgin Bothams.

I wish to thank you all on behalf of our Chief Patrons, Conference Chair, Publication-Chair (Elsevier), Advisory Chairs, Advisory Committee, Program Committee, Organizing Committee, Authors, Review Committee, Faculty, Staff of NMIT, International & National Sponsors, and everyone who is associated with our International Conference on Emerging Research in Computing, Information, Communication and Applications-ERCICA-2014 for their kind and constant support in making this Conference a GRAND success.

ERCICA 2014 WAS RATED AS THE BEST INTERNATIONAL CONFERENCE IN INDIA.

Thanking you and best wishes,

PROGRAM CHAIRS

Dr. Prasad N H

Dr. Nalini N