

Report on International conference on Data Engg and Communication Systems ICDECS-2011, Dec 30-31

On behalf of the program chairs and the organizing committee, it's my pleasure to brief about the stimulating event *International conference on Data Engg and Communication Systems ICDECS-2011*. The Chief Guest of this Inaugural function was former Chief Minister of Karnataka, Sri. D V Sadananda Gowda, and Chief Patron of this conference and the president of this function Dr. R N Shetty. We are indeed very happy and honored to have about 300 delegates with us from different countries, making this conference a truly exceptional one. This Conference has provided all of us, a unique opportunity to participate, present and discuss the concepts, emerging trends, techniques, new developments and the experiences in Data Engineering and Communication Systems.

Organizing an international conference of this stature was a difficult proposition. All my colleagues from both the departments have been involved and worked extremely hard for the last one year to prepare an outstanding conference. We would like to express our sincere appreciation to all of them for having dedicated their precious time and efforts for the preparation of the conference. The support and timely advices from the advisory committee members, Organizations, Institutions, and individuals have contributed significantly to the success of this conference. We have successfully managed the whole conference with a comprehensive *on-line process* for paper submission, review process, conference registration, accommodation, and other services thru our official website *icdecs-2011.org*.

ICDECS-2011 consisted of 14 technical paper presentation sessions, a key note address, three invited talks, three tutorials, and one panel discussion addressing emerging technologies and latest results in all the established theme areas of the conference. We were fortunate to have some of the world's leading researchers as invited speakers and panel members; we recognize all of them for sharing their visions and insights with us. These invited talks, tutorials, and panel discussions provides an opportunity to interact with the best minds for Inspiration and guidance

Conference had begun with an opening keynote address on *Sensor Networks for Emerging Applications* by Dr. S S Iyengar, Ryder Professor, Florida International University, USA and followed by three invited talks, firstly on, *Market-Oriented Cloud Computing and the Aneka Platform* by Dr. Rajkumar Buyya, University of Melbourne, Australia, Second one is on *Revenge of Silicon* by Padmashree Prof. N Balakrishnan, Associate Director, IISc, Bangalore, and lastly Dr. K Chidananda Gowda, Ex-VC, Kuvempu University on *Algorithms*. Furthermore 3 tutorials had been arranged that

covered fundamentals, emerging technologies and research avenues with the case studies on the conference theme areas. These are

- *Data Mining in a Nutshell using WEKA*, by Dr. Deepa Shenoy, UVCE, Bangalore
- *Histogram based Contrast Enhancement of Digital Images*, by Dr. Hrushikesh Garud, Texas Instruments, Bangalore
- *Congestion Avoidance and Congestion Control in Internet*, by Mr. Mohith P Tahiliani, Tahiliani, NITK, Surathkal

In addition, there was a technology application panel discussion on *Economic viability of Cloud Computing & its Applications in different sectors: Education, Business and Government in India*, has been arranged. The members of the panel include: Dr. Rajanikanth, Advisor, MSRIT as Chair Person and Dr. B G Mohankrishna, Senior Principal Lead, Infosys, Dr. Chethan Shankar, Microsoft, Seattle, USA, Mr. Sundar K S, Senior Principal Leads, Infosys, Dr. J lakshmi, IISc, Bangalore, , Dr. K Chidananda Gowda, Ex-VC, Kuvempu University as members.

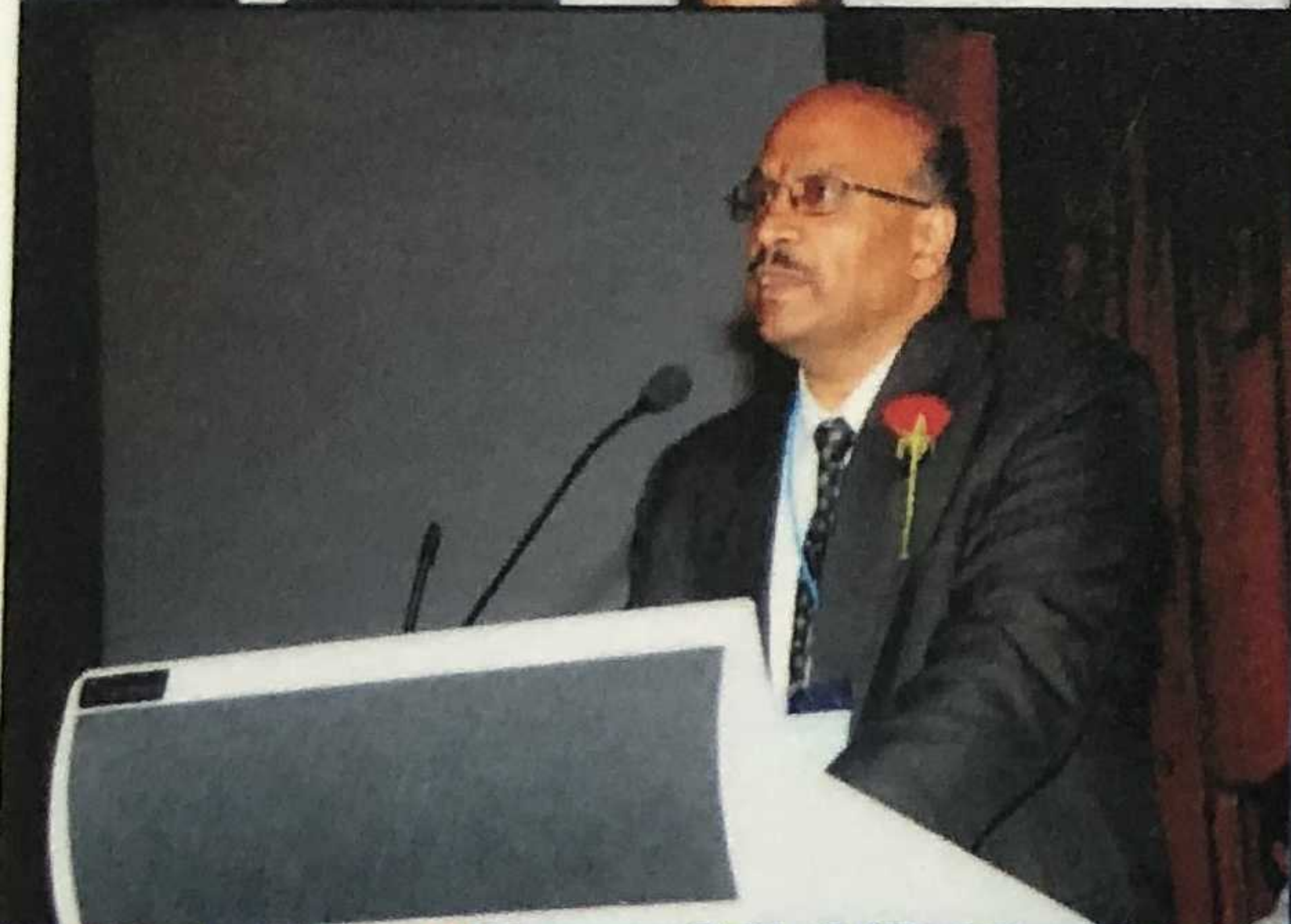
We solicited solid research works from a broad range of the conference theme areas that has resulted in a total of over 400 innovative submissions from research scholars, faculty & Students from IITs, NITs, IIITs, IIMs, Industries, and reputed Institutions from most of the states in India and Abroad. *Strong support and active participation of all the delegates have made this conference, a record-breaking event.* We appreciate and extend our frank recognition to over 600 authors all around the world for their quality contributions. We had a great task of reviewing this large number of quality submissions that were categorized under three themes: **Data Engg, Image Processing and Communication Systems**. Over 80 technical experts from academia and industry have participated in the peer double blind review process with an average review load of around 5 papers. Based on the review results, the technical program committee could accept only **114 papers for oral presentation and 24 papers for poster presentation** of which 96 papers got registered and will be presented in this two-day deliberations. We are indeed grateful to all the program committee members and external reviewers for their sincere efforts in reviewing the papers. This challenging task of reviewing the submissions was efficiently handled by the technical committee.

We sincerely acknowledge and express our deep sense of gratitude for the great support from our beloved Chairman Dr. R N Shetty, for his magnanimity in hosting this conference. Without his support, this conference would not have seen its reality.





ICDECS 2011



ICDECS 2011