

G. Pulla Reddy Engineering College (Autonomous): Kurnool IEEE Student Branch (STB15721)

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Sub: Report on PCCCTSG 2015 conference – Reg

Albert Einstein said, “The world we have created is a product of our thinking. It cannot be changed without changing our thinking”. His succinct statement can be taken as the basis for research and development to satisfy the ever increasing demands of humanity towards sustainable development and its continuity for future generations. In this context, G. Pulla Reddy Engineering College (Autonomous) Kurnool made an attempt to organize “2015 conference on Power, Control, Communication and Computational Technologies for Sustainable Growth (PCCCTSG)” in association with IEEE Hyderabad Section as Technical co-sponsor.

The main purpose of this conference is to provide a platform for academicians, researchers and practicing engineering professionals to exchange their ideas and discuss recent progress in various disciplines such as power systems, power electronics and drives, control, communication and computational technologies.

A total of 335 papers were received from 3 countries. All the papers were reviewed in a double-blind peer review process by experts. With the kind cooperation of reviewers who have rich experience in different areas, the task of finalizing the papers was accomplished on time. Keeping the theme of the conference in view, 116 papers were selected for camera ready paper submission. Out of 116 accepted papers, 73 papers have been registered and scheduled in four different tracks for presentation over 10 sessions during 11th and 12th December, 2015. A total of 76 members have registered for the conference. The four different tracks were chaired by Prof. R. Balasubramanian, GNITS Hyderabad, Prof. V. Sankar, JNTUA, Ananthapuramu and Dr. Jayabharath Reddy, NIT Trichy for Power Systems Track, Dr. J. Kishore, NIT Warangal and Dr. P. Ramana Reddy, JNTUA, Ananthapuramu for Communications Track, Prof. O.B. Ramanaih, JNTUH and Prof. Rajkumar Bhuyya, Melbourne University, Australia for Computational Technologies Track, Prof. M. Vijay

Kumar, JNTUA, Ananthapuramu, Prof. M. Suryakalavathi, JNTUH, Hyderabad and Dr. K. Siva Kumar, IIT Hyderabad for Power Electronics Track.

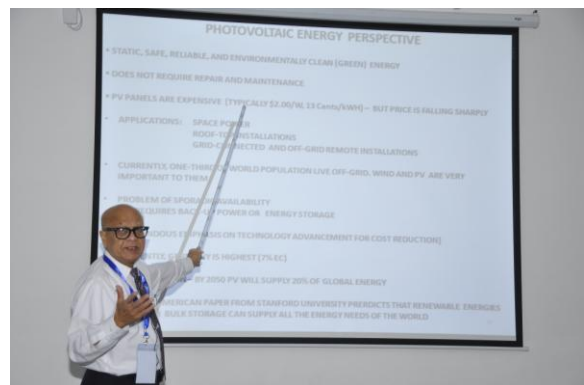
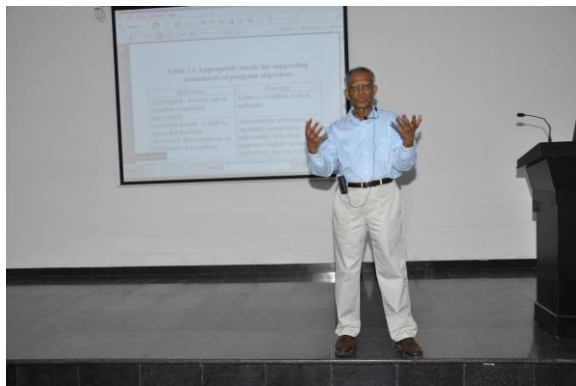
In addition to the conference paper presentations three keynote addresses were scheduled during the conference. On first day of the conference i.e on 11th December 2015 the first keynote address on “**Power Electronics – Challenges and Trends**” was given by Prof. M.H Rashid, Professor, University of West Florida, USA. Also, he is a Distinguished Lecturer for IEEE Society and a regional Speaker for IEEE Industrial Applications Society. Another keynote address on “**Technology Advances, Applications and Trends of Power Electronics and Motor Drives**” was given by Prof. Bimal K. Bose, IEEE Life Fellow, Emeritus Professor, University of Tennessee, Knoxville, USA on 12th December 2015. A Parallel Keynote address was scheduled on “**Innovative Solutions in Cloud Computing for Big data Applications**” by Prof. Raj Kumar Buyya, Director, Cloud Computing and Distributed Systems (CLOUDS) Lab, The University of Melbourne, Australia.

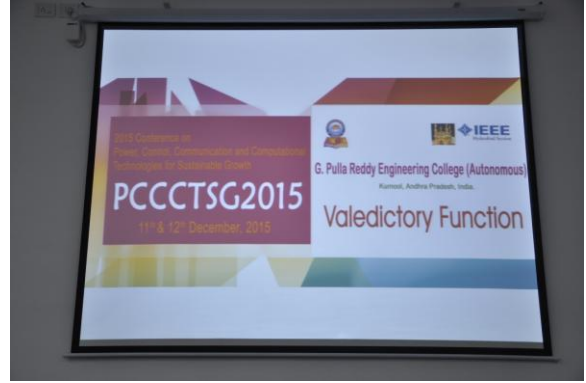
Also, in addition to above the following tutorial sessions were scheduled during the conference:

- Outcome Based Education (OBE) by Prof. M. H. Rashid, Professor, University of West Florida, USA. A total of 48 members attended for this tutorial.
- Cloud, Big Data and IoT by Prof. Rajkumar Bhuyya, Melbourne University, Australia and Dr. K. Raghavendra, Scientist, Department of Space. A total of 77 members attended for this tutorial.
- Global Warming, renewable Energy and Progress in Power Electronics and Motor Drives by Prof. Bimal K. Bose, University of Tennessee, USA. A total of 93 members attended for this tutorial.
- Microgrid and Smart Grid by Dr. K. Siva Kumar, IIT Hyderabad. A total of 93 members attended for this tutorial.

During this conference Prof. M. H. Rashid Best paper awards were given for the best paper presentations selected by the session chairs in each track which is initiated by Prof. M H Rashid. The conference concluded with the valedictory session and feedback.

A few snapshots of the conference during 11th and 12th December, 2015 are:







I would like to express my heartfelt thanks on behalf of my organization and on my own behalf to IEEE Head Quarters, USA, IEEE Hyderabad Section, IEEE Meetings, Conferences, and Events (MCE), IEEE Support Centre, Keynote Speakers, Paper Reviewers, Session Chairs and all the others who have directly or indirectly extended their cooperation in conducting the conference.

Dr. T. Bramhananda Reddy
General Chair, PCCCTSG