

Preface

This LNEE volume contains the papers presented at the ICMEET 2015: International Conference on Microelectronics, Electromagnetics and Telecommunications. The conference was held during 18–19 December, 2015 at Department of Electronics and Communication Engineering, GITAM Institute of Technology, GITAM University, Visakhapatnam, India. The objective of this international conference was to provide an opportunity for researchers, academicians, industry persons and students to interact and exchange ideas, experience and expertise in the current trend and strategies in the field of Microelectronics, Electromagnetics and Communication Technologies. Besides this, participants were also enlightened about vast avenues and current and emerging technological developments in the field of Antennas, Electromagnetics, Telecommunication Engineering, and Low Power VLSI Design. The conference attracted a large number of high-quality submissions and stimulated cutting-edge research discussions among many academic pioneering researchers, scientists, industrial engineers, and students from all around the world and provided a forum to researchers. Research submissions in various advanced technology areas were received and after a rigorous peer-review process with the help of programme committee members and external reviewers, 73 papers were accepted with an acceptance ratio of 0.33.

The conference featured distinguished personalities that include Dr. Lipo Wang (Nanyang Technological University, Singapore), Dr. V. Bhujanga Rao (Distinguished Scientist and Director General, Naval Systems and Materials), Prof. G.S.N. Raju (Vice Chancellor, Andhra University), Dr. Aditya K. Jagannadham (IIT Kanpur), Dr. Sanjay Malhotra (BARC, Trombay), Dr. Samir Iqbal (University of Texas, Arlington, USA), Dr. D. Sriram Kumar (NIT Trichy), Dr. P.V. Ananda Mohan (ECIL, Bangalore), Dr. G. Radha Krishna (IIT Madras), Mr. Rajan A. Beera (Global Director of Engineering, Cortland, NY), and Mr. G.S. Rao (Managing Director—Technology, Accenture). Separate invited talks were organized in industrial and academia tracks on both days. The conference also hosted a few tutorials and workshops for the benefit of participants. We are indebted to the management of Springer Publishers, GITAM University, for their immense support

to make this conference possible at such a grand scale. A total of 13 sessions were organized as a part of ICMEET 2015 including ten technical, two plenary and one inaugural session. The Session Chairs for the technical sessions were Mrs. D.R. Rajeswari (Scientist-F, NSTL), Dr. V.S.S.N.S. Baba (Prutvi Electronics, Hyderabad), Dr. B. Prabhakar Rao (JNTU, Kakinada), Dr. S Srinivasa Kumar (JNTU, Kakinada), Dr. G. Sasibhushana Rao (Andhra University), Dr. P. Mallikarjuna Rao (Andhra University), Dr. P. Rajesh Kumar (Andhra University), Dr. P.V. Sridevi (Andhra University), Dr. A. Mallikarjuna Prasad (JNTU, Kakinada), Dr. N. Balaji (JNTU, Vizianagaram), Dr. Ch. Srinivasa Rao (JNTU, Vizianagaram), Dr. B. Tirumala Krishna (JNTU, Vizianagaram), Dr. Ibrahim Varghese (NSTL, Visakhapatnam), Dr. N. Bala Subrahmanyam (GVPCE, Visakhapatnam), Dr. M. Sai Ram (GVPCE, Visakhapatnam), and Dr. P. Ramana Reddy (MVGR College of Engineering, Vizianagaram).

We express our sincere thanks to members of the technical review committee and the faculty of Department of ECE, for their valuable support in doing critical reviews to enhance the quality of all accepted papers. Our heartfelt thanks are due to the National and International Advisory Committee for their support in making this a grand success. Our authors deserve a big thank you as it is due to them that the conference was such a huge success.

Our sincere thanks to all sponsors, press, print, and electronic media for their excellent coverage of this convention.

December 2015

Suresh Chandra Satapathy
N Bheema Rao
S Srinivas Kumar
C Dharma Raj
V Malleswara Rao
GVK Sarma

Microelectronics, Electromagnetics and
Telecommunications

Proceedings of ICMEET 2015

Satapathy, S.C.; Rao, N.B.; Kumar, S.S.; Raj, C.D.; Rao,
V.M.; Sarma, G.V.K. (Eds.)

2016, XXII, 779 p. 544 illus., Hardcover

ISBN: 978-81-322-2726-7