

Preface

This volume contains high-quality research papers those were presented at the 2nd International Conference on Microelectronics, Electromagnetics and Telecommunications (ICMEET) held at Departments of Electronics and Communication Engineering of Raghu Engineering Institutions, Visakhapatnam, during 6–7 January 2017. ICMEET aims to bring together academic scientists, researchers and research scholars to discuss the recent developments and future trends in the fields of microelectronics, electromagnetics and telecommunication. Previous editions of the conference were held at GITAM University, Visakhapatnam. The ICMEET received totally 285 submissions for LNEE series of the conference. Each was peer reviewed by at least two members of the Program Committee. Finally, 72 papers were accepted for publication in these proceedings. The ICMEET was technically supported by IETE student forum and IE student chapter. Several special sessions were offered by eminent professors on many cutting-edge technologies. Several eminent researchers and academicians delivered talks addressing the participants in their respective field of proficiency. Topic on evolutionary computational tools and their application for engineering problems has been discussed by Prof. Ganapati Panda, Former Deputy Director, IIT BBSR. A thorough discussion on the opportunities for engineering aspirants in foreign countries in the field of electrical and electronics is presented by Prof. Naeem Hannon from Malaysia. Professor Lakhmi C. Jain delivered a talk on artificial intelligence paradigms and their applications in complex systems, security, e-education, e-healthcare, unmanned air vehicles and intelligent agents. A brief talk on optical devices and modelling is delivered by Dr. T. Srinivas, IISc Bengaluru followed by a discussion on topic of image processing for research by Prof. S. Srinivas Kumar, JNTU Kakinada.

We would like to express our appreciation to the members of the Program Committee for their support and cooperation in this publication. We are also thankful to Springer team for providing a meticulous service for the timely production of this volume. Our heartfelt thanks to our Chairman Sri Kalidindi Raghu and other management members of Raghu Educational Society for extending wholehearted support to host this in their campus. Special thanks to all guests who

have honoured us in their presence in the inaugural day of the conference. Our thanks are due to all special session Chairs, track managers and reviewers for their excellent support. Last, but certainly not least, our special thanks go to all the authors who submitted papers and all the attendees for their contributions and fruitful discussions that made this conference a great success.

Vijayawada, India

Lucknow, India

Visakhapatnam, India

Visakhapatnam, India

Barcelona, Spain

January 2017

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<http://www.springer.com/978-981-10-4279-9>

Proceedings of 2nd International Conference on
Micro-Electronics, Electromagnetics and
Telecommunications

ICMEET 2016

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2018, XXII, 691 p. 511 illus., Hardcover

ISBN: 978-981-10-4279-9