

## Preface

I am pleased to introduce the proceedings of the IDES joint International Conferences on Dec 26, 2015, in Cochin, India. Research in engineering has a long history. Today it has become the core backbone of industrial economy. This unique conference aims at bringing together the researchers, scientists, and engineers in all areas of Engineering and Technology. It provides an international platform for sharing of original research, new ideas and practical experiences in the different technical fields. This conference has focused on the frontier topics related to Computer Science, Civil, Mechanical, Electrical and Electronics Engineering subjects.

Altogether there are 61 papers included in the proceedings registered for various tracks and there are 2 papers registered for the GRENZE track. These, serve to demonstrate the popularity of the IDES conferences for sharing ideas and findings with a truly international engineering community. Thank you to all those who have contributed to producing such a comprehensive conference and proceedings and thus contributed to the improvement of the teaching and research. Various new design techniques are applied in different fields. It is no doubt that the relation between academic research and industrial activity must match continuously. The relevance of this joint conference theme, towards overall technological development to a wide variety of disciplines is reflected in the diverse range of papers that have been submitted for publication.

I would like to thank all the reviewers for their time and effort in reviewing the papers. The quality of these papers is a tribute to the authors and also to the reviewers who have guided any necessary improvement. I would like to express my special thanks to all the Associate Editors for their tremendous efforts.

I would like to express my deep appreciation to all the honorable members who agreed to be the chair and co-chair for this conference. It is my pleasant duty to acknowledge the support from the organizers of the conference **GRENZE, IDES, ACEECom, AMAE and ACEE**.

It has been an honor for me to have the chance to be the editor in chief of the proceedings. I have enjoyed considerably working in cooperation with the different committees. The IDES 2015 conferences and proceedings are a credit to a large group of people and everyone should be proud of the outcome.

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