

PREFACE

Automation and Control Engineering have attracted large number of researchers in the previous years and continuous to do the same in the recent years also. The advancements in these areas are more since they are applicable to all Engineering Fields. The First International Conference on Advancements in Automation and Control (ICAAC2014) was successfully held in Syed Ammal Engineering College, Ramanathapuram, Tamil Nadu, India, April 11 and 12, 2014 which acted as a forum for teaching and research communities working in this field and enhanced the sharing interest and recent trends between them. It also has facilitated the participants by providing a wide scope for better collaboration with experts from various Institution and Industries.

This Conference received a significant attention all over the world especially from South Asia. This volume represents papers accepted which are of good quality and more relevant towards the title of the conference. The program consists of invited keynote addresses and discussions with authentic personalities covering a wide range of topics like Design of Power electronic Controllers, Advancements of Soft Computing techniques in designing controllers, Modelling and Designing of sensors in the field of Non-Destructive Testing (NDT), Advancements in Smart Grids, etc...

With the blessings of Almighty and Dr. E.M. Abdullah, the founder of our Institution, we would like to thank the Organizing Staff, the members of Program committee and Reviewers. They have worked hard in reviewing and making valuable suggestion for the authors which would have certainly helped the authors to further sharpen their technical knowledge. We also sincerely express our whole hearted gratitude to the external reviewers for their support provided in the review process. We thank the authors for submitting their research works to the conference. We also express special thanks to TTP publisher.

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