

PREFACE

The International Conference on Research in Mechanical Engineering Sciences (RiMES 2017) was organized as one of the events of the Diamond Jubilee Celebrations of Manipal Institute of Technology, Manipal Academy of Higher Education, Manipal, India. The aim of the conference was to serve as a platform for academicians and experts from industries for sharing knowledge and results in the field of Engineering and Technology along with managerial aspects, to bring together the mechanical engineering and allied community to explore, disseminate and strengthen initiatives in new directions.

We received about 150 articles, which were screened for plagiarism and were reviewed by experts nationally and internationally. Among the papers received only 94 were accepted for oral presentation and publication in this proceedings. Articles are grouped within 5 chapters, which are the broad areas of the conference. On behalf of the organizing committee of RiMES 2017, we would like to express our gratitude to all the participants, for their contributions to the conference. We also thank the authors for submitting papers and for being patient enough to revise it multiple times based on recommendations received from the reviewers.

Thanks to the members of the technical committee, who accepted to get the papers reviewed by experts on a voluntary basis and also for providing valuable suggestions in the course of preparation of this conference.

We will be failing in our duty if we do not thank the Organizing Committee. We have received excellent feedback, from all the participants, which will help us in future to organize such conference in a better way.

We place on record our sincere gratitude to the chairperson of each and every conference session, for smoothly conducting the oral presentation of the papers and coordinating the discussions among the enthusiastic participants. The discussions and deliberations during the sessions are sure to be cherished by the participants.

The keynote lecture as well as the session lectures were well attended and appreciated by the conference participants. Our heartfelt acknowledgment to them as well.

We are deeply indebted to EDP Sciences for excellently bringing out this conference proceedings through the MATEC Web of Conferences.

Dr. Vijay G. S. (Convenor – RiMES 2017)

Dr. Gowrishanker M. C. (Co-Convenor – RiMES 2017)

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