PREFACE

The Third International Conference on Recent Advances in Mathematical Sciences and Applications(RAMSA-17) was organized by GVP-Prof. V. Lakshmikantham Institute for Advanced Studies and Gayatri Vidya Parishad College of Engineering(A), in association with International Federation of Nonlinear Analysts, USA, from 19th to 22nd December 2017, at GVP College of Engineering, Madhurawada, Visakhapatnam, India.

The conference received partial support from Science and Engineering Research Board, Department of Science and Technology, Gov. of India, National Board of Higher Mathematics, Department of Atomic Energy, Gov. of India and Tata Consultancy Agency.

I thank all these organizations for their support.

The main motive behind the conference was the following.

In the present day scenario, problems in various disciplines have become more and more involved, interdisciplinary and nonlinear. As there exists a similarity in problems that crop up in varied fields of engineering and sciences, an advancement in one discipline can be a major help to the growth of another one. Thus a platform that provides interaction between researchers from different disciplines was the need of the day. As new ideas and innovations exist in the borders of several topics of knowledge, this conference provided a platform for interaction between both young and senior researchers and gave an opportunity for forging new collaborations and supporting interdisciplinary research. Also, the fruits of the great strides made by technology have been shared through these platforms. Of the many papers received, only a few could be published in this journal due to constraints involving the scope of the journal.

I sincerely thank the Chief Editor, who has been kind enough to agree to publish selected papers as proceedings of the conference RAMSA-17 in this distinguished journal.

I thank the authors for their patience and support in bringing out this issue.

J. Vasundhara Devi
Organizing Secretary, RAMSA -17.