International Conference on Mathematical Analysis & its Applications (ICMAA 2016)

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The International Conference on Mathematical Analysis and its Applications (ICMAA 2016) was held at the Indian Institute of Technology Roorkee, Roorkee, India for five days from November 28 to December 02, 2016. This Proceedings is a collection of papers by participants of the conference. These papers were accepted for publication only after a careful refereeing process. This volume consists of 24 papers on methods in solving mathematical problems using the tools of analysis; and some papers on applications of such methods in real-life situations. We take this opportunity to thank the referees for their meticulous work. We also thank all the authors who have contributed to this proceedings.

We received about 400 applications for this ICMAA 2016 conference from many countries. Due to some limitations, only 170 participants were accommodated. There were 35 academic sessions which included 11 Plenary talks, 21 invited talks, 31 short talks and 92 contributed talks. The conference was very successful. We would like to thank the funding agencies for their support for the conference. To be precise, SIAM, USA, for travel grant for some mathematicians from USA, Forum d'Analystes, India, for the travel support to some invited speakers, IMU-CDC, for

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