

# Preface

The *International Workshop and Conference on Combinatorial Matrix Theory and Generalized Inverses of Matrices-2012* was organized by the Department of Statistics, Manipal University, Manipal, India. There were more than 100 registered participants for both of the workshop and conference and 22 invited speakers representing 12 nations across the globe. Two-day conference consisted of four plenary sessions. Invited papers and contributed papers were presented in three parallel sessions dedicated, respectively, to the branches of “Combinatorial Matrix Theory,” “Generalized Inverse of Matrices,” and “Matrix Methods for Statistics.” The international workshop and conference on CMTGIM provided a delightful and fruitful opportunity for all Indian and foreign mathematicians and statisticians at all levels of experience to interact in person and exchange ideas.

“Combinatorial Matrix Theory and Generalized Inverses of Matrices” is being published in an attempt to document the recent developments in the areas discussed at the conference. This book contains about 18 research and expository articles from different speakers and their collaborators. Only the selected articles, after the refereeing process, were retained for the inclusion in this volume. A report on the workshop and conference is presented as an appendix, covering narrative photographs and messages from the Pro Vice-Chancellor, Joint Secretary, CSIR, and the Director General, CSO.

New Delhi, India  
Maynooth, Ireland  
Manipal, India  
Tampere, Finland

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