Preface

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We are happy to bring out the proceedings of International Symposium for Research Scholars on Metallurgy, Materials Science & Engineering (ISRS—2014) in this issue. ISRS is a dedicated symposium solely for research scholars pursuing research in Metallurgy, Materials Science and Engineering, organized biennially by Department of Metallurgical and Materials Engineering, IIT Madras. ISRS provides a unique forum for research scholars from all over the world to broaden their perspective by increasing their awareness of diverse areas of research in Metallurgy, Materials Science and Engineering worldwide. ISRS—2014 is the 6th in the series and was held during December 11–13, 2014.

A total of 392 abstracts were received out of which 193 were accepted for presentation. 185 participants finally registered for the Symposium. The contributions were distributed in 13 oral sessions consisting of 81 presentations and three poster sessions consisting of 104 entries. These were in the following areas: Biomaterials, Casting & Solidification, Ceramics, Composites, Computational

Materials Science, Energy Materials, Environmental Degradation, Functional Materials, Materials Forming, Materials Joining, Materials Processing, Mechanical Behaviour of Materials, Nanostructured Materials, Phase Transformations, Powder Metallurgy, Process Modelling and Simulation, Steels and Surface Engineering.

Fifty-four manuscripts were received for consideration for publication in the proceedings of ISRS—2014 as one of the issues of Transactions of The Indian Institute of Metals. Each manuscript was reviewed by two reviewers and 26 manuscripts were finally accepted for publication. It is hoped that articles in this issue will be a valuable reference for researchers in Metallurgy, Materials Science and Engineering, belonging to both academia and industry.

The Guest Editors of this issue would like to thank all the reviewers for their critical review of the manuscripts. Also, the support provided by Dr. R. Sandhya, Editorial Manager of the journal is gratefully acknowledged.

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