Manufacturing Sciences and Technologies VII

Selected, peer reviewed papers from the 2016 7th International Conference on Manufacturing Science and Technology, July 16-18, 2016, Sarawak, Malaysia

Edited by

Sujan Debnath
Preface

Manufacturing science and technology has always played an important role in people’s modern life. And it has been changing all aspects of our lives in such diverse areas and makes our lives easier. In light of the fast-paced advancements in manufacturing science and technology taking place all over the world, it is of interest to keep an eye on the state-of-the-art research and development and to facilitate collaboration in multidisciplinary research areas. With this end in view, 2016 7th International Conference on Manufacturing Science and Technology was held once again this year during July 16-18, 2016, which was co-organized and sponsored by Curtin University in Sarawak, Malaysia.

The objective of the conference was to address and deliberate on the latest technical status and recent trends in the research and applications of manufacturing science and technology. This conference has been so designed with the view to provide an opportunity for the scientists, engineers, industrialists, students and other professionals from all over the world to interact and exchange their new ideas and research outcomes for future collaboration. The conference was also aimed at motivating the next generation of researchers to promote their interests in manufacturing science and technology and its applications.

The proceedings of ICMST 2016 contain 21 selected papers from the conference which are presented orally at the conference or via poster sessions, and provide up-to-date, comprehensive and worldwide state-of-the-art knowledge in this field. The proceedings are divided into 3 chapters based on the different topics of the papers, namely, metal materials processing and preparation, design and performance analysis of composites, structure and properties of materials.

We’d like to express our genuine gratitude to all the authors who have contributed their hard-earned research fruits to ICMST 2016. And the reviewers, who have spent their valuable time and worked very hard reviewing papers and making useful suggestions for the authors to improve their work. We would also like to thank everyone from the organizing committee staff, because the conference would not be a success without any effort of yours.

Prof. Sujan Debnath, Curtin University, Sarawak, Malaysia

July 24, 2016.
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