

Preface

It was a great pleasure to welcome all the participants in the 9th International Conference on Material Science and Engineering Technology (ICMSET 2020), the 9th International Conference on Nanostructures, Nanomaterials and Nanoengineering 2020 (ICNNN 2020), and the 5th International Conference on Materials Technology and Applications (ICMTA 2020) held virtually in Kyoto, 9-11 October 2020. The conference was dedicated to new research developments and advances in the fields of material science and engineering technology. The conference was held virtually online due to the COVID-19 pandemic.

The key goal of the conference was to bring the academic scientists, engineers, and industry researchers together to exchange and share their expertise, experience and research results, and discuss the challenges and future directions in their specialized areas of research in these fields. One professor from Hong Kong and one professor from the USA delivered the keynote lectures about the state of the art research in their areas of expertise. International researchers from several countries participated in the conference.

The conference provided a golden opportunity for the students, researchers, and engineers to interact with the experts and specialists to discuss technical matters and future directions of research.

The proceeding of the conference consists of papers from the universities, research institutes, and industry. The papers were selected after a rigorous peer-review by the conference committee members and international reviewers. The papers provide the readers with an overview of many recent advances in the fields related to materials science and engineering technology, including modeling, analysis, computation, and optimization procedures, as well as the experimental methods of the research.

I would like to thank all the authors who have contributed to this volume and also to the members of the organizing committee, reviewers, speakers, chairpersons, sponsors, and the conference participants for their support of the conference.

Prof. Ramesh K. Agarwal, Conference Chair
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