

## PREFACE

It is our immense pleasure to publish this Special Issue in the esteemed Journal of The Indian Chemical Society. This issue contains the high-quality research articles submitted in **CHEMBIOEN-2020**, organized at the Dr. B R Ambedkar National Institute of Technology Jalandhar in association with the Indian Chemical Society, Kolkata. We have received several submissions for the consideration to be published in this special issue. The eminent researchers have submitted their high-quality research articles. Our publication team worked days and nights and have followed a double-blind peer review process to evaluate the potential of the submitted manuscripts. The assessment of those manuscripts in a shorter duration of fewer than 90 days would not have been possible without the help and support of our esteemed peer reviewers and editors. Editors and reviewers had rejection rate of 54% to maintain the quality of this Special Issue.

This Special Issue of International Conference CHEMBIOEN-2020 aimed to bring together leading academic scientists, researchers and research scholars to exchange and publish their experiences and research results about all aspects of Chemical, Bio and Environmental Engineering. It also provides the premier interdisciplinary platform for researchers, practitioners and educators to present and discuss the most recent innovations, trends, concerns, practical challenges encountered and the solutions adopted in the field of Chemical and Environmental Engineering. This issue focuses mainly on process design, remediation, risk assessment, nano(bio)technology, chemical reaction engineering, biocheical engineering, computational fluid dynamics, food and pharmaceutical engineering. This Special Issue highlights the scaling up perspective of post harvested agri-food products and also discusses optimized process design for pharmaceutical waste management. The cutting edge research of nano(bio)technology has also been discussed which includes the thermo-physical properties, toxicology, and environmental applications. This issue also discussed the energy perspective of the chemical engineers in terms of the impact of different fuels in different fire compartments and chemical engineers kept their views on ceramic membrane for treating oily waste. The environmental and biotechnological perspectives of removal of hazardous medical waste as well as biosorption of heavy metals were also discussed. In a nutshell this Special Issue of CHEMBIOEN 2020 is a common and interdisciplinary viewpoints of bioengineers, chemical engineers and environmental engineers.

We would like to thank all the authors, reviewers, editors, publication team, organizing team, conference management team, advisory board members, and patrons who supported this to happen in the scheduled timeframe. We also appreciate the continuous support and encouragement from the Indian Chemical Society, Kolkata. We wish to have long-term collaboration between CHEMBIOEN and the Indian Chemical Society.

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