

# Preface

This publication presents the research papers selected from the 8th International Conference on Materials Engineering and Nano Sciences (ICMENS 2024) and the 8th International Conference on Material Engineering and Manufacturing (ICMEM 2024), which were successfully held in Kwansei Gakuin University, Osaka, Japan, during March 22-25, 2024.

These conferences serve as a platform for experts, researchers, and practitioners from around the world to convene and exchange ideas on the latest advancements in related research fields.

The collected articles reflect the latest engineering solutions and research results in chemical engineering, additive manufacturing, and mechanical engineering and will be a valuable source for specialists involved in these production areas.

On behalf of the Conference Committee, I would like to express our deepest gratitude to all the participants who contributed their work to the conferences. Sincere appreciation is extended to the conference speakers, Prof. Hiroyuki Sugimura, Prof. Liang Li, Prof. Pramoch Rangsunvigit, Assoc. Prof. Bashir Ahmmad ARIMA and Dr. Helena Wang for their marvelous and impressive speeches and for sharing their ideas with the audience. The organizing committee members and staff are also thanked for their efforts, attendance, and consistent support in publicizing and organizing the conference affairs. Our heartfelt gratitude goes to the members of the technical committee members and the international reviewers for their time and diligent efforts in ensuring the academic quality of the contributions.

We hope that this edition will inspire researchers for future endeavors and sincerely invite you to delve into these pages with curiosity and enthusiasm.

Conference Chair  
Prof. Akihiko Fujiwara, Kwansei Gakuin University, Japan

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