
PREFACE

We are honored to announce the publication of the 3rd volume 2nd issue of "Journal of Engineering Research, Innovation and Education (JERIE)", which is an international journal published by the School of Applied Sciences and Technology, SUST. The journal covering several specialized areas, has been edited and managed by experts of the editorial board. The main aim of the journal is to supply valuable technical information on the research and development of science, engineering and technology to Bangladesh, the Asia-Pacific region, and worldwide.

Submitted papers have been reviewed fairly and promptly using the editorial managing system of the JERIE. This issue contains seven papers from the areas of industrial engineering, chemical engineering, electrical engineering, architecture and civil engineering. The accepted papers comprising "JERIE" are available for free at the website of SUST, which is publicly available. The hard copy of the journal will be sent to all corresponding authors and will be available in the libraries of different universities. We are very grateful to honorable Vice Chancellor of SUST, Prof. Farid Uddin Ahmed for his valuable suggestions and financial support for the current issue. We would like to thank our honorable reviewers for their prompt review and journal management committee for their continuous guidance.

"JERIE" will be published twice in a year. The field is categorized into four categories: Civil Engineering, Environment and Architecture; Computer Science, Electrical and Electronics; Chemical, Food processing, Petroleum and Mining; Mechanical, Manufacturing and Industrial Engineering.

We are convinced that "JERIE" will provide the opportunity to gain and present authentic and insightful scientific and technological information on the latest advances in science, engineering and technology. We are looking forward to your submission to "Journal of Engineering Research, Innovation and Education".

Prof. Dr. Mushtaq Ahmed
Editor-in-Chief