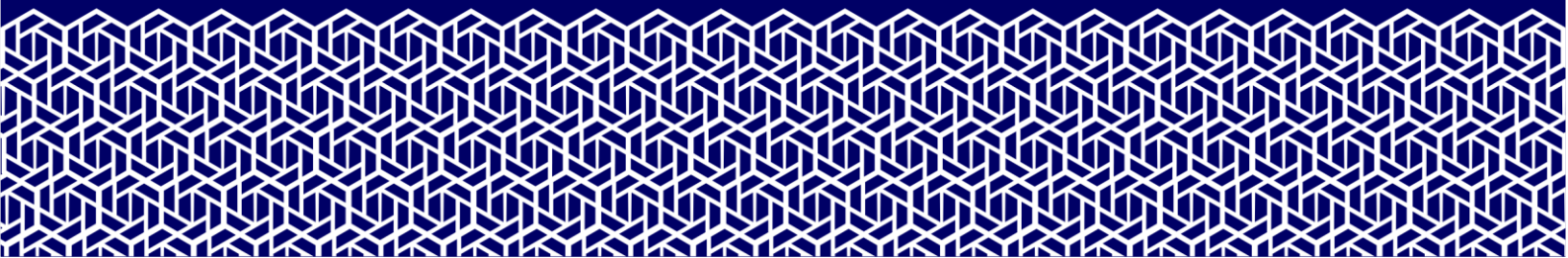


Volume 15, No. 2, December 2022





ISSN 1693-2102 (Printed)
ISSN 2686-2352 (Online)

Preface

All Praise belongs to Allah SWT who has bestowed infinite blessings and gifts on all of us. OPSI is an Industrial System Optimization Journal published by the Industrial Engineering Department of Universitas Pembangunan Nasional "Veteran" Yogyakarta to publish scientific works or technological engineering research related to Industrial Engineering, Industrial Systems, Industrial Management and Information Technology.

OPSI ISSN 2686-2352 (online) and 1693-2102 (printed) are published regularly every 6 months (in June and December). OPSI provides readers with open access to download and read the contents of the journal. This journal fully supports the commitment to exchange information and knowledge with the public. All articles are open access, yet, readers are not allowed to change the article's contents without the permission of the publisher. OPSI Journal has been accredited SINTA 3 by The Ministry of Research, Technology and Higher Education (RistekDikti), acknowledged on December 23rd, 2020.

Editor would like to appreciate all researchers, academicians, industrial practitioners who contribute in Opsi journal as Author, Reviewer and Reader. We hope that this Journal will provide the greatest benefit to the science and engineering. The editor realizes that this journal, still requires improvements in various places, therefore the editors always expects input from the contributor to provide suggestions, and ideas for the higher achievement.

Yogyakarta, December 2022

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Telp. (0274) 486256
Website <http://jurnal.upnyk.ac.id/index.php/opsi>
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ISSN 1693-2102 (Printed)
ISSN 2686-2352 (Online)

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