Mechatronics, Electrical Power, and Vehicular Technology

Volume 03, Issue 1, July 2012

Journal of Mechatronics, Electrical Power, and Vehicular Technology

Mechatronics, Electrical Power, and Vehicular Technology (MEV) is a journal aims to be a leading peer-reviewed platform and an authoritative source of information. We publish original research papers, review articles and case studies focused on mechatronics, electrical power, and vehicular technology as well as related topics. MEV is published and imprinted by Research Center for Electrical Power and Mechatronics - Indonesian Institute of Sciences and managed to be issued twice in every volume. For every edition, the online edition is published earlier than the print edition.

JOURNAL ADDRESS
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FOREWORD FROM EDITOR-IN-CHIEF

This issue of Journal of Mechatronics, Electrical Power, and Vehicular Technology (MEV) is the first issue after the journal has been accredited by the Indonesian Institute of Sciences (LIPI) in April 2012. It is also the first time for the journal that all the processes are carried out through Open Journal System (OJS). The OJS implementation gave challenge to the most of the authors, members of the editorial board, and the peer reviewers by transforming the business process to electronics journal (e-journal) method. Driven by strong integrity and commitment, finally the on-line edition of this issue could be released in July 2012.

Seven papers have been selected to be published in this issue after having passed some levels of reviews and revisions based on the standard operating procedure of the journal. Two topics are related to mechatronics, two topics to electrical power, and three topics are concerned with vehicular technology including both technology aspect and research policy aspect. The total number of paper pages is 56 pages, just the same as that of the previous issue.

The policy up to the current issue is that authors are not charged at all. On the other hand, the editorial board is planning to lift the quality up by promoting papers written in English to reach international readers as well as registering the journal to the international academic citation index. Moreover, the editorial board is also considering to gradually encrease the number of journal’s pages. All of this plan will give consequence on financial burden. Therefore, in the future issues, financial policy will change based on that condition.

We wish to offer our thanks to all editorial board members and administration division of the Research Center for Electrical Power and Mechatronics for their continuing unwavering support. Also, we would like to acknowledge our gratitude to this issue’s peer reviewers: Ir. Arko Djajadi, Ph.D., Dr. Yuliadi Erdani, Dr.-Ing. Moch Ichwan, Dr. Ahmad Agus Setiawan, Ir. Edi Leksono, M.Eng., PhD., Riza Muhida, Ph.D., Dr.Ir. Rizqon Fajar, M.Sc., and Dr. Irhan Febijanto.

We hope this publication would contribute to the enhancement of science and technology.

Bandung, July 2012

Editor-in-Chief
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