



International Journal of Science and Engineering (IJSE) 4(2), April 2013

Aims and Scope _____

International Journal of Science and Engineering (IJSE) aims to be the principal international journal for publication of high quality, original papers in the branches of science and engineering. Papers showing how research results can be used in science and engineering design, and accounts of experimental or theoretical research work bringing new perspectives to established principles, highlighting unsolved problems or indicating directions for future research, are particularly welcome. Contributions that deal with new developments in plant or processes and that can be given quantitative expression are encouraged.

The journal publishes regular special issues focusing on specific topics scholarly open access, peer-reviewed, interdisciplinary, half yearly and fully refereed journal focusing on theories, methods and applications in science and engineering.

The journal covers all areas of Science and Engineering, publishing refereed original research articles and technical notes. The journal reviews papers within approximately two months of submission and publishes accepted articles on either in the internet and printed paper half yearly upon receiving the final versions.

Peer Review Process _____

All submitted articles should report original, previously unpublished research results, experimental or theoretical, and will be peer-reviewed. Articles submitted to the journal should meet these criteria and must not be under consideration for publication elsewhere. Manuscripts should follow the style of the journal and are subject to both review and editing.

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Preface

International Journal of Science and Engineering (IJSE) [ISSN: 2086-5023] Volume 4 Number 2 Year 2013 aims to be the communication media of all scientists in science and engineering field for publishing high quality and original papers. In this issue, we highlight the articles related to: Development of Navigation Control Algorithm for AGV Using D* search Algorithm; Sensorless Vector Control of AC Induction Motor Using Sliding-Mode Observer; A Novel Approach to Communicate Secret Message between Users Using Sponge Function Technique on NTRU; Performance of indigenous chicken under intensive rearing with various litter materials; The effect of geometric structure on stiffness and damping factor of wood applicable to machine tool structure; Physical Characteristics of Pressed Complete Feed for Dairy Cattle; Result of Six Local Upland Rice Cultivars of East Kalimantan at Different Plant Spacing; Physical and Mechanical Properties of Palm Oil Frond and Stem Bunch for Developing Pruner and Harvester Machinery Design; The Effects of Different Energy and Protein Ratio to Sheep's Nutrient Intake and Digestibility; Evaluation on Biofilter in Recirculating Integrated Multi-Trophic Aquaculture; Intake and Digestibility of Cattle's Ration on Complete Feed Based-On Fermented Ammonization Rice Straw with Different Protein Level; The use of geomatic techniques to monitor environmental deformation; Utility of Rice Bran Mixed with Fermentation Extract of Vegetable Waste Unconditioned as Probiotics from Vegetable Market.

Website address of IJSE journal is: <http://ijsejournal.com>, while website address for Online Submission System is: <http://ejournal.undip.ac.id/index.php/ijse>. The journal publishes regular special issues focusing on specific topics scholarly open access, peer-reviewed, interdisciplinary, half yearly and fully refereed journal focusing on theories, methods and applications in science and engineering. However, Authors may pay some processing fees once their articles has been accepted. The research articles submitted to the IJSE journal will be peer-reviewed by at least two reviewers. Accepted research articles will be available online (free download). Language used in this journal is English.

Editor would like to appreciate all researchers, academicians, industrial practitioners focused on science and engineering to contribute to this online journal. Papers showing how research results can be used in science and engineering design, and accounts of experimental or theoretical research work bringing new perspectives to established principles, highlighting unsolved problems or indicating directions for future research, are particularly welcome for further edition. Contributions that deal with new developments in plant or processes and that can be given quantitative expression are encouraged.

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