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**Proceeding of the International Conference on Electrical Engineering and Informatics**, It's a collection of papers or scientific articles that have been presented at the National Research Conference which is held regularly every two years by the Asosiasi Riset Teknik Elektro dan Informatika Indonesia. The paper topics published in the Proceeding of the International Conference on Electrical Engineering and Informatics the sub-groups of Electrical Engineering, Electronics Engineering, Electrical Power Engineering, Telecommunication Engineering, Computer Engineering, Information Systems, Information Technology and other relevant fields and published twice a year (January and July).

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**KATA PENGANTAR**

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Reviewers provide an assessment of originality, clarity of presentation, contribution to the field/science. This journal publishes research articles, review articles/literature reviews, case reports and concept/policy articles, in all Proceedings of the International Conference on Electrical Engineering and Informatics accept articles in English and Indonesian. Articles to be published are original works and have not been published before. Entry articles will be reviewed by internal and external review teams. Proceedings of the International Conference on Electrical Engineering and Informatics accept articles in English and Indonesian.

The Editorial Board will strive to continuously improve the quality of this journal so that it can become a valuable reference for the development of scientific knowledge. We extend our deepest appreciation and gratitude to the reviewers, members of the Editorial Board, and all parties involved in the publication of this journal.

Greetings

Editor-in-Chief

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