SILPAKORN UNIVERSITY
Science and Technology Journal

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Periodicity

Twice yearly

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*Silpakorn University Science and Technology Journal (SUSTJ)* is a journal published twice a year in June and December by the Research and Development Institute of Silpakorn University, Thailand. The journal is the Science and Technology version of the formerly *Silpakorn University International Journal (SUIJ)* which was first published in the year 2000. This new journal puts together articles in Science and Technology and aims to promote and distribute peer reviewed articles in the areas of science, health science, animal science, agriculture, engineering, technology and related fields. Articles from local and foreign researchers, invited articles and review from experts are welcome.

**Types of contributions**
- Short communications
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1. The text should be double-spaced with line number on A4 and a font Times New Roman size 11 should be used. When using MS Word, insert all symbols by selecting “Insert-Symbol” from the menu and use the “Symbol” font.
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   - Materials and Methods, Area Descriptions, Techniques
   - Results
   - Discussion
   - Conclusion
   - Acknowledgements
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Provide 3-5 key words or short phrases in alphabetical order, suitable for indexing.

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Wibul Wongpoowararak, Payom Wongpoowararak and
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