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Olarik Surinta

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Editorial Notes

JIT has published *Vol. 8 No. 1 (2026): January – June*, comprising a total of 13 research articles. Each article has undergone peer review by at least three experts. The authors revised their articles according to the reviewers' comments until approval for publication was granted. The editorial team has also verified the accuracy of the article content, references, and language usage to ensure the highest quality. We would like to thank all the reviewers for their valuable feedback and recommendations.

The articles published in Vol. 8 No. 1 (2026): January – June are as follows:

1. Adaptive Routing using Relative Cost Concept in Elastic Optical Networks with Space-Division Multiplexing, **Author:** *Anwer Alyatama*, *Mona Ali* (Alyatama and Ali, 2026)

2. The Development of an Automatic Environment Control System in Greenhouses for Phoenix Oyster Mushrooms using the Internet of Things, **Author:** *Pensiri Phoriya*, *Sirichai Chotisirimethanon*, *Piyarat Ngamsanit*, *Suda Thipprasert*, *and Wirat Butwapee* (Phoriya et al., 2026)

3. Detecting Fish Movement Behavior based on Constant Temperature and pH using the IoT and Realtime Object Detection Model, **Author:** *Hariphat Phongsuwan and Wachirawut Thamviset* (Phongsuwan and Thamviset, 2026)

4. Transfer Learning-Based Segmentation of Pneumonia from Chest X-Rays Images, **Author:** *Kyi Pyar* (Pyar, 2026)

5. Boosting Multi-Object Tracking Performance with Advanced Attention Mechanism based on Transformer, **Author:** *Pimpa Cheewaprakobkit* (Cheewaprakobkit, 2026)

6. Autoencoder Applications for Enhancing Spice Classification Performance under Limited Dataset Conditions, **Author:** *Evan Tanuwijaya*, *Andreas Lim*, *Nathanael Suryanto*, *and Joey Wiryawan* (Tanuwijaya et al., 2026)

7. Adaptive Deep Neural Network for Solving Multiclass Problems, **Author:** *Komgrich Onprasonk*, *Tammanoon Panyatip*, *and Panatda Phothinam* (Onprasonk et al., 2026)

8. Advancing Dermatological Care through AI: A Deep Learning-Based LINE Chatbot for Skin Disease Diagnosis, **Author:** *Prem Enkvetchakul*, *Waranya Chawooram*, *Adisorn Pluempan*, *and Sangdaow Noppitak* (Enkvetchakul et al., 2026)

9. Impact of Urbanization on Urban Heat Island and Urban Thermal Field Variance Index of Coastal City Surabaya, Indonesia between 2005 and 2020, **Author:** *Risma Salsabila Foresty, Rida Ayu Surya Putri, Ririn Nur Fadhilah, Salma Kamiliya Fatin, Muhammad Nur Sulton, and Ahmad Dwi Setyawan* (Foresty et al., 2026)

10. Enhancing the Performance of Sentiment Analysis Models Using GridSearchCV: A Case Study on Electric Vehicles in Thailand, **Author:** *Chirawat Emphan, Ekkasit Tiamkaew, and Sanya Khruahong* (Emphan et al., 2026)

11. The Development of Brand Equity Measurements for Competitiveness of Thai Seafood Industry in Consumers-Perspective, **Author:** *Nutthapon Jitprapai and Sidanuch Kittisaereekul* (Jitprapai, 2026)

12. The Semantic Web of Digital Technology and Learning in the 21st Century for Undergraduate using Ontology Techniques, **Author:** *Sawitree Pipitgool* (Pipitgool, 2026)

13. Tamarind (Tamarindus indica L.) Charcoal Color for the Use in Woodcut Printmaking, **Author:** *Woraunyu Narongdecha and Nirat Soodsang* (Narongdechaj, 2026)

The editorial board of JIT sincerely hopes that the 13 articles published in this issue will benefit researchers and provide valuable knowledge for the further development of their work.

Assoc. Prof. Olarik Surinta, Ph.D.
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Aim & Scope

Journal of Applied Informatics and Technology (JIT) is a peer-reviewed and open-access journal that aims to publish leading edge researches on any possible topic in informatics, technology, and other related areas, both from theoretical and empirical perspectives.

- **Journal title:** Journal of Applied Informatics and Technology
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JIT was founded in 2017. JIT published the first online and print issue in August, 2018 using ISSN: 2586-8136 (online) and 2630-094X (print). JIT has 2 issues/year (January-June and July-December). Since 2020, JIT decided to publish all manuscripts only online version. There is absolutely no charge for the authors/visitors for all the processes of submitting, reviewing, publishing, accessing, and downloading the articles with/from the JIT journal.

Scope of the Research

Topics of interest include, but are not limited to, the following:

- Information Technology
- Computer Science
- Geo-Informatics

- Information Science and Management
- Digital Media
- Communication Arts

Types of Manuscripts

The JIT journal welcomes submissions in three academic formats:

- Research article
- Research article
- Academic article

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Articles

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