

# Journal of Applied Informatics and Technology

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## Editorial

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The Journal of Applied Informatics and Technology (JIT) has published Volume 7, Number 2 (2025): July-December, comprising a total of 15 research articles—ten in English and five in Thai. Each article has undergone peer review by at least three experts from different institutions. The authors revised their articles based on the reviewers' comments until they were approved for publication. The editorial team also verified the accuracy of the content, references, and language usage to ensure the highest quality. We sincerely thank all the reviewers for their valuable feedback and thoughtful recommendations.

The following articles have been published in Volume 7, Number 2 (2025):

- 1) **Warfarin Care: Warfarin Management System for Older Adults**  
Author: Narit Hnoohom, Konlakorn Wongpatikaseree, Autchariya Pongkaew, Junporn Kongwatcharapong (Hnoohom et al., 2025)
- 2) **Measuring Neck Abnormalities for Preliminary Assessment of Neck Pain Disease using Virtual Reality**  
Author: Manatsawee Sidajan, Kawintra Sittikraipong, Peerapat Kusumannukul, Sasiwimon Pornwachirawit, Waichaya Suwannakeeree, Sutasinee Jitanan (Sidajan et al., 2025)
- 3) **An In-House Time Tracking Application Development with a Low-To-No-Code Platform**  
Author: Sorn Tanharaphan, Thanabadee Rodvanich, Yatawee Aupasao, Natsuda Kaothanthong (Tanharaphan et al., 2025)
- 4) **Leveraging PyThaiNLP for Sentiment Analysis of Thai Online Text: A Comparative Study of Logistic Regression and Support Vector Machine**  
Author: Sunisa Duangtham, Setthaphong Lertritrungrot, Nattavadee Hongboonmee, Wansuree Massagram (Duangtham et al., 2025)
- 5) **The Flood Simulation System as a New Process for Public Participation of Local Administrative Organizations in Tha Wang Pha District, Nan Province**  
Author: Chamnan Kumsap, Vissanu Mungkung, Lanyanat Patanan, Phimraphas Ngamsantivongsa, Arisara Charoenpanyanet, Phonpat Hemwan (Kumsap et al., 2025)
- 6) **Classification of Guanxi Mandarin Orange Grades using Machine Vision Algorithms**  
Author: Fulian Huang, Jialin Xie, Shijun Jie, Nattawoot Suwannata (Huang et al., 2025)
- 7) **Development and Cost-Effectiveness Analysis of a Fogging Pump Control System Commercial Prototype for Oyster Mushroom Cultivation based on Open-System Greenhouse**  
Author: Non Pinngern, Bhannawat Wanganusorn (Pinngern & Wanganusorn, 2025)

**8) Web Scraping-based System for E-commerce Price Comparison and Similar Product Segmentation**

Author: Pongsin Jankaew, Wachirawut Thamviset (Jankaew & Thamviset, 2025)

**9) A Comparative Study of Sea Lettuce Cultivation in Seawater and Scientific Saltwater using IoT Technology**

Author: Suttipong Klongdee, Sriwaree Sujaritchai, Sommart Prompt (Klongdee, Sujaritchai, & Prompt, 2025)

**10) Utilizing Association Rule Mining to Understand Phishing Risk Awareness Levels of Thai University Academic Staff**

Author: Pita Jarupunphol, Wipawan Buathong (Jarupunphol & Buathong, 2025)

**11) Approximate String Matching Algorithm using Single Inverted Lists**

Author: Soontaree Thumsuwan, Nuanprang Sangurai, Chouvalit Khancome (Thumsuwan, Sangurai, & Khancome, 2025)

**12) Pneumonia Detection from Chest X-ray Images using Convolutional Neural Networks and Transfer Learning Techniques**

Author: Pongsathorn Chedsom (Chedsom, 2025)

**13) Feature Selection with Linear Discriminant Analysis to Improve the Performance of Heart Disease Classification**

Author: Ratiporn Chanklan, Keerachart Suksut, Kedkarn Podhijittikarn (Chanklan, Suksut & Podhijittikarn, 2025)

**14) Information System for Wet Garbage Bin Data Management in Local Areas: A Case Study of Langu Subdistrict Administrative Organization, Satun Province**

Author: Norathep Sakphet, Chatiroi Jitrugtham, Annop Bunjan, Kullaphat Yingdumnoon, Sakan Rodklai, Chanyanuch Pumpuang (Sakphet et al., 2025)

**15) Rice Seed Production with Smart Farm**

Author: chalawan Wantong, Wanida Sumranram, Utis Tahom, Varit Kitthanarut, Ekkaluk Salukham (Wantong et al., 2025)

The editorial board of JIT sincerely hopes that the 15 articles published in this issue will benefit researchers and serve as a valuable source of knowledge for the advancement of their work. We believe that the insights and findings presented in this issue will contribute to academic and practical developments in the fields of informatics and technology. We warmly invite scholars, practitioners, and students to explore the articles and apply the knowledge gained to their own research and professional activities.

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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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- Publisher: Faculty of Informatics, Mahasarakham University

## 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
- Review article
- Academic article



## Indexed In

- TCI
- DOAJ
- Scilit
- BASE
- EBSCO

## Brief Overview of Review Process

The articles must be original and never be published in any other websites or other journals before. The articles which are considered as “plagiarism” articles are strongly prohibited to be published in the JIT journal. The JIT is dedicated to preventing accusations of dishonest publication-plagiarism, the redundant publication (self-plagiarism), author misrepresentation, and content falsification. The manuscript submitted to JIT should not have a similarity index score of more than 25% and the item in the list should have a similarity index score below or equal to 2% when using plagiarism applications, such as turnitin. The editor will immediately reject any manuscript that fails to meet the requirement of the JIT.

Authors are required to include their names and affiliations in their manuscripts, whereas reviewers are not visible to authors. All submitted manuscripts are subjected to peer-review by at least three independent reviewers and all experts come from various institutions and are not specialists from the same institution as the author. Peer reviews are done by a double-blind review method where the identity of the reviewers and the authors are not disclosed to either party.

The final decision regarding acceptance, revision, or rejection rests with the Editor-in-Chief.

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