

**Asst. Prof. Dr. Jirapun Daengdej**

Awarded St. Thomas Aquinas Award for Research Award (Second Class)

**Citation:**

Asst. Prof. Dr. Jirapun Daengdej earned his Ph.D. in Computer Science from University of New England, Australia in 1998. This was followed by Post-Doctoral Study in Computer Science in 1999. He has joined the Faculty of Science and Technology, Assumption University since 2000.

Asst. Prof. Dr. Jirapun's research records started during his Ph.D. study where he published 8 research papers in which 2 of them received the "Best Research Paper Award" from two international conferences. To date, he has published more than 30 publications in proceedings of international conferences, international journals, and books in his field. His keen interest in "Software Engineering" leads to a number of publications that have been internationally recognized by both academic and commercial worlds. In 2009, he was the first researcher from Thailand who received the IBM Faculty Award, which has been given to outstanding faculty around the world. Recently, he has also been one of the winners of the 2011 IBM Faculty Award. In connection with his expertise in software engineering, he is the founder of a series of seminars on "Problems in Software Development" organized by Software Park, Thailand. The seminars, which focus especially on failures occurring in software development projects in real-world environments, have caught considerable attention from industries. Apparently, the seminars have been classified as one of the most popular seminars with the highest number of attendees and satisfaction in Software Park's records. His latest research in "Software Testing" has just been accepted by the Aerospace Conference, USA. Some of his recent publications are:

- Lawanna Adha. and Jirapun Daengdej. "Hybrid Technique and Competence-Preserving Case Deleting for Case Maintenance in Case-Based Reasoning." International Journal of Engineering Science and Technology. 2.4 (April 2010): 492-497.

- Roongruangsuwan Siripong and Jirapun Daengdej. "Test Case Prioritization Techniques." Journal of Theoretical and Applied Information Technology. 18.2 (2010).
- Roongruangsuwan Siripong and Jirapun Daengdej. "White-Box Test Reduction Using Case-Based Maintenance." International Journal of Computer Science and Information Security. 8.6 (September 2010).
- Roongruangsuwan Siripong and Jirapun Daengdej. "A Test Case Prioritization Method with Practical Weight Factors." Journal of Software Engineering. 4 (2010) 193-214.
- Roongruangsuwan Siripong and Jirapun Daengdej. "Test Case Reduction Methods by Using CBR." Proceedings of the First International Workshop on Evolution Support for Model-Based Development and Testing (EMDT2010), September 16, 2010, Ilmenau, Germany.

For all his brilliant contributions and distinction in research activities and enhancement of the University's reputation and prestige, Assumption University is pleased to confer the St. Thomas Aquinas Award for Research (Second Class) on Asst. Prof. Dr. Jirapun Daengdej on this auspicious date of December 24, 2011.