Assistant Professor Dr. Adtha Lawanna

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

Citation

Assistant Professor Dr. Adtha Lawanna received Bachelor's degree in Chemistry from Chiang Mai University, Master of Science in Chemical Technology from Chulalongkorn University, Master of Science in Information Technology from Assumption University and Ph.D. in Information Technology from Assumption University.

He joined Assumption University in 2000 and he is currently lecturer of Information Technology Department, Faculty of Science and Technology.

Assistant Professor Dr. Adtha's professional and research interests include Machine Learning, Case-based Reasoning, Software Engineering, Software Testing, Software Maintenance, and Data Mining. His research studies have been published in proceedings of international conferences and international journals.

The highlights of Assistant Professor Dr. Adtha's research publications are as follows:

Academic Paper/Publication

- R. Lawanna , Preparation of activated carbon by reduction of SO2 adsorbed on palm oil with microwave energy, Au Journal of Technology, vol. 5, no. 3, pp. 105-108, 2002.
- Lawanna , Hybrid Technique and Competence- Preserving Case Deletion Methods for Case Maintenance in Case-Based Reasoning, International Journal of Engineering Science and Technology, vol. 2, no. 4, pp. 492-497, 2010.
- Lawanna , Methods for Case Maintenance in Case-Based Reasoning, International Journal of Computer, Electrical, Automation, Control and Information Engineering, vol. 4, no. 1, pp. 82-90, 2010.

Academic Research/Publication

- Lawanna, The Theory of Software Testing, Au Journal of Technology, vol. 16, no. 1, pp. 35-40, 2012.
- Lawanna, The Body Knowledge of Software Maintenance in the Software Development Life Cycle, Au Journal of Technology, vol. 17, no. 1, pp. 10-15, 2013.

Research Journal/Publication

- Lawanna , Test Case Based Selection for the Process of Software Maintenance, SUSTJ, vol. 7, no. 2, pp.36-45 , 2013.
- Lawanna , Methods for Test Suite Selection in the Process of Software Maintenance, Chiang Mai J. Sci., vol. 40, no. 4, pp. 689-700, 2013.
- Lawanna , The Effective Selection Model for the Process of Test Case Selection, KKU Res. J., vol. 18, no 5, pp. 739-748, 2013.
- Lawanna , The Improvement of Test Case Selection for the Process of Software Maintenance, Information Technology Journal, vol. 10, no. 1, pp. 73-81, 2014.
- Lawanna , Simulation Techniques for Determining Numbers of Programmers in the Process of Software Testing, Engineering Journal, vol. 18, no 2, pp. 89-100, 2014.
- Lawanna , Technique for Test Case Selection in Software Maintenance, WJST, vol. 11, no. 2, pp.69-77 , 2014.
- Lawanna , ADTHA: The improvement of clustering algorithm, Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology (ECTI-CON), 2015 12th International Conference on, IEE Explore, pp. 1-6, 2015.
- Lawanna , An Effective Test Case Selection for Software Testing Improvement, ICSEC-2015, IEEE Explore, pp. 1-6, Nov. 2015.
- Lawanna , An Effective Model for Case-Based Maintenance in Case-Based Reasoning Systems, ICIIBMS, IEEE Explore, pp. 129-134, Nov. 2015.
- J. Wongwuttiwat, and A. Lawanna, IT Design Skills Selection for Professional Development, KST-2015, pp. 83-88, Feb. 2016.
- Lawanna , Filtering Test Case for Increasing the Performance of Regression Testing, IJAST, vol. 9, no. 1, pp. 1-7, 2016.
- Lawanna, B. Srisura, and J. Wongwuttiwat, Deletion and Selection Model for Test Case Selection, ECTI-CON, pp. 1-6, July 2016.
- Srisura, and A. Lawanna, False-based Selection for Regression Testing, ECTI-CON, pp. 1-6, July 2016.
- Lawanna, Test Case Design Based Technique for the Improvement of Test Case Selection in Software Maintenance, SICE, pp. 1-6, Sept. 2016.
- Lawanna, Test Case Selection: Vital Model for Software Maintenance, TENCON, pp. 1-6, Nov. 2016.

For his contributions and valuable research writings, St. Thomas Aquinas Award for Research (Third Class) is conferred on Assistant Professor Dr. Adtha Lawanna in the Christmas Honours announced on December 24, 2016.