

DR. AMIR B. NGAH

ASSOCIATE PROFESSOR

Assoc. Prof. Dr. Amir Ngah's recent research focuses on enhancing regression testing models, particularly through the development of new regression test selection techniques using machine learning. His broader research interests encompass software engineering, with a specific emphasis on software testing, software changes, maintenance, software metrics, program analysis, and program slicing.



RESEARCHER PROFILE

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EDUCATION

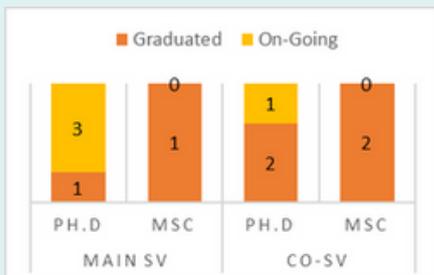


- Ph.D (Durham)
- M.Sc. (UPM)
- B.Sc. (UTM)

AREAS OF EXPERTISE

- Regression Testing
- Software Changes
- Software Maintenance
- Program Analysis

SUPERVISION



COLLABORATORS



CONTACT

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SELECTED RESEARCH PROJECTS

- Program Research Acculturation Collaborative (RACE) from Ministry of Higher Education Malaysia. A New
- Regression Test Selection Model for Java Program. (Jan 2014 – June 2016). RM50,000.

SELECTED PUBLICATIONS

- Ikram, A., Jalil, **M.A., Ngah**, A.B., Azmi, A., Alzayed, A. (2023). Project Assessment in Offshore Software Maintenance Outsourcing Using Deep Extreme Learning Machines Computers, Materials and Continua, 74(1), pp. 1871–1886
- Amir Ngah**, Malcolm Munro, Masita A. Jalil, Mohamad Abdallah (2019). Regression Test Selection Model: An Implementation of ReTSE. Journal of Telecommunication, Electronic and Communication (JTEC). (Indexed by Scopus)
- Amir Ngah**, Malcolm Munro, Zailani Abdullah, Masita A. Jalil, Mohamad Abdallah (2019). Regression Test Selection Model: A Comparison Between ReTSE and Pythia. Telkomnika. (Q3/ Indexed by Scopus etc.) Nazatul Nurlisa Zolkipli, **Amir Ngah** and Aziz Deraman (2019). Version Control System Tools: A Comparison Between Subversion and Git. Journal of Telecommunication, Electronic and Communication (JTEC). (Accepted). (Indexed by Scopus etc.)
- A. Ngah** and S. A. Selamat (2018). Using Object to Slice Java Program. Journal of Engineering and Applied Sciences (JEAS). Vol 13(6), pp. 1320– 1325 (Indexed by Scopus etc.)

“Never give up”.