

Kurikulum Vitae

Prof. Dr. Abu Bakar Md Sultan

Kelulusan Akademik

- PhD in Artificial Intelligence, Universiti Putra Malaysia 2008
 - Master Science, Universiti Universiti Putra Malaysia, 1999
 - Bac. of Computer Science, Universiti Kebangsaan Malaysia, 1997

Tanggungjawab Pengajaran dan Pentadbiran Semasa

- Pengaturcaraan Komputer I

Pensyarah/Professor , FSKTM (Oktober 2015 -Sekarang)

Pengalaman Kerja

Nov 1997 – Dec 1999 Juruanalisa Sistem
Pusat Komputer UPM

Persidangan dan Latihan (3 tahun terakhir)

Persidangan:

1. **Honorary Guest & Presenter:** The 2th International Conference on Innovations in Computer Science and Engineering 2018 (ICiCSE2018) 30-31 July 2018, Kuching Sarawak Malaysia
 2. Participant & **Presenter:** The 6 th International Conference on Computer Science and Computational Mathematics (ICCSCM2018) 5-6 July 2018, Langkawi Malaysia.
 3. Participant & **Presenter:** International Conference on Information and Communication Technology 2018 (ICT4M 2018) 23-25 July 2018 in Kuala Lumpur, Malaysia.
 4. Participant & **Presenter:** The 6 th International Conference on Computer Science and Computational Mathematics (ICCSCM2017) 4-5 May 2017, Langkawi Malaysia

Penyelidikan dan Penerbitan (3 tahun terakhir)

Projek Penyelidikan:

1. **Project Leader/Principal Investigator.** Fundamental Research Grant Scheme (Ministry of Higher Learning Malaysia (FRGS/1/2015/ICT01/UPM/02/12), The Evolutionary Programming Approach for Automatic SQL Injection Vulnerabilities Fixing in Web Application RM92200.00, 1 November 2015- Oktober 2018, 36 Month.
 2. **Co-Researcher.** Fundamental Research Grant Scheme (Ministry of Higher Learning Malaysia ((FRGS/1/2015/ICT01/UPM/02/5), A Self-Adaptation Framework to Enhance Dynamic Service Reconfiguration in Service-Oriented Architecture, RM86100.00, 1 November 2015-Oktober 2018, 36 Month.

Penerbitan:

Penerbitan	Kuantiti
Bab dalam Buku	2
Jurnal Indeks ISI	8
Jurnal Indeks Sitasi	60
Jurnal Indeks Bukan-Sitasi	20

Prosiding Sitasi (Scopus)	30
Prosiding Persidangan Antarabangsa	45

Penerbitan terpilih (3 tahun terakhir):

Jurnal Indeks ISI

1. Mahfoud, A., **Md Sultan, A.B.**, Md Ali, N., & Admodisastro, N.I. (2018), Code Obfuscation. Where Is It Heading?, International Journal of Engineering & Technology, Vol 7(4.1),pg 22-27,Sciencepubco.
2. Mohammed Draib, N.A., **Md Sultan, A.B.**, Abd Ghani, A.A., & Zulzalil H. (2018), Comparison of Security Testing Approaches for Detection SQL Injection Vulnerabilities, International Journal of Engineering & Technology, Vol 7(4.1),pg 14-17,Sciencepubco
3. Bello, A., **Md Sultan, A.B.**, Abd Ghani, A.A., & Zulzalil H. (2018), Evolutionary Cost Cognizant Regression Test Prioritization for Object Oriented Programs based on Fault Dependency, International Journal of Engineering & Technology, Vol 7(4.1), pg 28-32, Sciencepubco
4. Hydara, I., **Md Sultan, A.B.**, Zulzalil H., & Admodisastro, N.I. (2018), Stopping Exploiting of SQL Injection Vulnerabilities, International Journal of Engineering & Technology, Vol 7(4.1),pg 18-21,Sciencepubco
5. Bello, A., **Md Sultan, A.B.**, Abd Ghani, A.A., & Zulzalil H. (2018), Multi-Criteria Evolutionary Regression Test Prioritization for Dynamic Object-Oriented Programs, INTERNATIONAL JOURNAL OF ADVANCES IN ELECTRONICS AND COMPUTER SCIENCE (IJAECs), Vol 6(2),pg 28-32 IF : 2.68
6. Ali, Q.A., **Md Sultan, A.B.**, Abd Ghani, A.A., & Zulzalil H., (2019), A Systematic Mapping on the Customization Solution of Software as a Service Applications, IEEE ACCESS, Vol 7(1).pg 88196-88217, ISSN:2169-3536, Q1(IF=4.098). JCR

Perundingan

Ahli Bersekutu, Malaysia Industry-Government Group for High Technology (MIGHT), 2007.

Khidmat Masyarakat (3 tahun terakhir)

Ahli PPA UPM

Maklumat Lain Berkaitan

Penyeliaan:

Program	Status	Pengerusi	Ahli
PhD	Bergraduat	5	4
	Semasa	4	2
Masters (dengan tesis)	Bergraduat	2	2
	Semasa	0	0
Masters (tanpa tesis)	Bergraduat	6	Tiada
	Semasa	0	Tiada

Anugerah:

Anugerah Perkhidmatan Cemerlang 2015, 2016, 2017, 2018, 2019.