

# **Kurikulum Vitae**

## **Prof. Ts. Dr. Rusli bin Abdullah**

### **Kelulusan Akademik**

- PhD in Knowledge Management, University of Technology Malaysia, 2005
- Master of Comp. Sc., Universiti Putra Malaysia, 1996
- Bac. of Computer Science, Universiti Putra Malaysia, 1988

### **Keahlian Profesional Semasa**

- Ahli, Association of Information System (No. Keahlian: 43464986)
- Ahli Jawatankuasa Malaysia Software Engineering Interest Group (MySiG)
- Ahli Persatuan Pengurusan Pengetahuan dan Capaian Maklumat (PECAMP)

### **Tanggungjawab Pengajaran dan Pentadbiran Semasa**

- Kejuruteraan Perisian dan Human Computer Interaction

### **Pengalaman Kerja**

Ketua Makmal (1/2/2006 – 31/7/2006)	Institut Pembangunan Perisian
Timbalan Pengarah (16/10/2006 – 30/11/2007)	IDEC, UPM
Ketua Jabatan (1/12/2007 – 20/11/2008)	Jabatan Sistem Maklumat
Timbalan Dekan Akademik (1/12/2008- 1/12/2014)	FSKTM
Timbalan Dekan (1/8/2018 – 31/8/2019)	Sekolah Pengajian Siswazah
Dekan (1/9/2019 – 31/8/2021)	FSKTM

### **Persidangan dan Latihan (3 tahun terakhir)**

#### **Persidangan:**

1. Rusli Abdullah (2016), Knowledge management System as a Tool for managing knowledge of Big Data in a Collaborative Environment, KMICE16, 29-30 Ogos 2016, Chiang Mai, Thailand.
2. Adrian, C., Abdullah, R., Atan, R., Jusoh, Y.Y. (2017), Factors influencing to the implementation success of big data analytics: A systematic literature review, International Conference on Research and Innovation in Information Systems, ICRIIS 8002536.
3. Amidi, A., Jusoh, Y.Y., Said, M.Y., Jabar, M.A., Abdullah, R.H. (2018), Application of Social media Among Medical Amidi, Practitioner for Sharing Tacit Knowledge: Pilot Study, Lecture Notes in Electrical Engineering 488, pp. 338-346.
4. Hesseinoiun, Abdullah, R., Jusoh, Y.Y., Jabar, M. (2018), Information System Success and Knowledge Grid Integration in Facilitating Knowledge Sharing among Big Data community, Proceedings – 2018 4<sup>th</sup> International Conference on Information Retrieval and Knowledge Management: Diving into Data Science, CAMP 2018 8464790, pp. 211-215.
5. Qasem, Y.A.M., Abdullah, R., Atan, R., Jusoh, Y.Y. (2018), Mapping and Analyzing Process of Cloud-based Education as a Service (CEaaS) Model for Cloud Computing Adoption in Higher Education Institutions, Proceeding – 2018 4<sup>th</sup> International Conference on Information Retrieval and Knowledge Management: Diving into Data Sciences, CAMP 2018, 8464763, pp. 203-210.
6. Adrian, C., Abdullah, R., Atan, R., Jusoh, Y.Y. (2018) Expert Review on Big Data Analytics Implementation Model in Data-driven Decision-Making, (2018), Proceedings – 2018 4<sup>th</sup> International Conference on Information Retrieval and Knowledge Management: Diving into Data Science, CAMP 2018, 8464770, pp. 13-17.
7. Qasem, Y.A.M., Abdullah, R., Jusoh, Y.Y., atan, R., Asadi, S. (2019), Cloud Computing Adoption in Higher Education Institutions: A Systematic Review, IEEE Access 7, 8712496, pp. 63722-63744.
8. Asadi, S., Abdullah, R., Jusoh, Y.Y. (2020), An integrated SEM-neural network for predicting and understanding the determining factor for institutional repositories adoption, Advances in Intelligent Systems and Computing 1038, pp. 513-532.

9. Alshammari, S., Zolkepli, M.B., Abdullah, R.B. (2020), Genetic Algorithm Based Parallel K-Means Data Clustering Algorithm Using MapReduce Programming Paradigm on Hadoop Environment (GAPKCA), *Advancwes in Intelligent Ssytems and Computing* 978 AISC, pp. 98-108.

**Latihan:**

1. Bengkel CASE Study Development 2014, CADE, UPM.
2. Bengkel Capstone Project, 24 Apr 2014, Fakulti Ekologi, UPM.
3. Bengkel Prospecting the Futures of University Leadership and Governance, 24 – 27 Mac 2014, AKEPT Bandar Enstek, N. Sembilan.
4. Bengkel Pembinaan Item Soalan, 30 Apr 2013, Fakulti Ekologi, UPM.

**Penyelidikan dan Penerbitan (3 tahun terakhir)**

**Projek Penyelidikan:**

1. Extended UML Modelling for Web Design and Development of Process Driven Applications, GP-IPS, 01-10-2015 – 01-04-2017.
2. Collaborative Experience Based Factory Model for Software Development Process in Cloud Computing Environment, GP-IPS, 01-02-2017 – 01-02-2019.
3. A Performance Measurement Framework for Measuring Big Data Analytics Process, GP-IPS, 01-08-2017-31-01-2020.
4. Understanding Factors Influencing the Use of Harsh Language in Facebook Viral Content Interaction, GP-IPS, 04-12-2017-03-06-2020.
5. An Assessment Model for Big Data Analytics Implementation Using Collaborative Theory for Effective Decision, GP-IPS, 01-02-2018-01-08-2019.
6. Cloud-Based Education as a Service (CEaaS) Modell for Collaborative Learning Environment in Higher Learning Institutions, GPB-Geran Putra Berimpak, 01-04-2017-31-03-2019.
7. Integrating affordance features in graphical user interface design for supporting self-learning among matured students at public universities, GPB-Geran Putra Berimpak, 01-11-2017-30-04-2020.
8. Knowledge Management in Collaborative Software Maintenance Environment, Geran Sciencefund, 01-12-2008-01-05-2020.
9. A Governance framework for collaborative KMS in Malaysian government agencies using collaborative theory for Effective Decision Making, FRGS, 02-11-2015-01-05-2018.
10. The relationship between ethics and big data analytics towards sustainable organizational strategis gains, FRGS, 01-08-2016-31-01-2019.
11. Pembentukan Instrumen Pengukuran Amalan Keselamatan Penggunaan Internet dalam kalangan Belia di Malaysia, FRGS, 01-01-2019.
12. University of Open Research Data Repository (UORDRE), GP-IPB, 01-11-2017-30-04-2020.
13. Proactive Digital Forensic Model for Identifying sources of Cybercrimes in High Critical Networks, Geran Kolaborasi, 31-10-2016-30-04-2018.

**Penerbitan:**

1. Ali, I.M., Jusoh, Y.Y., **Abdullah, R.**, Nor, R.N.H., Affendey, A.L.S (2019), Measuring the performance of big data analytics process, *Journal of Theoretical and Applied Information Technology*, 19(14), pp. 3783-3795.
2. Nor, N.M., Hussin, M., **Abdullah, R.** (2019), Energy-saving framework for data center from reduce, reuse and recycle perspectives, *Pertanika Journal of Science and Technology*, 27 (3), pp. 1259-1277.
3. Qasem, Y.A.M., **Abdullah, R.**, Atan, R., Jusoh, Y.Y. (2019), Cloud-based education as a service (CEAAS) system requirements specification model of higher education institutions in industrial revolution 4.0, *International Journal of Recent Technology and Engineering*, 8 (2 Special Issue 8), pp. 1382-1386.
4. Asadi, S., **Abdullah, R.**, Yah, Y. (2019), Users' intention to self-archiving in institutional repositories, *International Journal of Advanced Science and Technology*, 28 (2), pp. 236-243.

5. Mohamed, I. Jusoh, Y.Y., **Abdullah, R.**, Nor, R.N.H., Affendey, L.S. (2019), A system for evaluating big data analytics performance, *International Journal of Engineering and Advanced Technology*, 9 (1), pp.
6. Hosseinioun, S., **Abdullah, R.**, Jusoh, Y.Y., Jabar, M., (2018), Knowledge grid model in facilitating knowledge sharing among big data community: Systematic literature review, *Journal of Theoretical and Applied Information Technology*, 96(17), pp. 5650-5662.
7. Alotaibi, F., Abdullah, M.T., **Abdullah, R.**, Hashem, I.A.T., Sangaiah, A.K., (2017), Optical Character Recognition for Quranic Image Similarity Matching, *IEEE Access*.
8. Tee, M., **Abdullah, R.**, Din, J., Abdullah, S., Wu, L. (2017), Green SD adoption using knowledge management facilitation – A motivational perspective.
9. Andrian, C., **Abdullah, R.**, Atan, R., Jusoh, Y.Y. (2017), Factors influencing to the implementation success of big data analytics: A systematic literature review, *International Conference on Research and Innovation in Information Systems*, ICRIIS, 8002536.
10. Tajuddin, N.I.I., **Abdullah, R.**, (2017), Knowledge integration system (KIS) model through social media for supporting small medium enterprise (SMEs): A systematic literature review, *Advanced Science Letters* 23(5), pp. 4263-4268.
11. Cob, Z.C., **Abdullah, R.**, (2017) Modelling a semantic knowledge management system for collaborative learning environment using a structural equation modelling, *Journal of Telecommunication, Electronic and Computer Engineering*, 9 (2-9), pp. 71-77.

#### **Perundingan**

Pengarah Bersama JK Pengurusan Pengetahuan dan Sistem Maklumat Strategik, Majlis Professor Negara (MPM)

#### **Khidmat Masyarakat (3 tahun terakhir)**

1. Setiausaha Masjid Desa Serdang, 2011 – 2012.
2. Nazir Masjid At-Taqwa Taman Desa Serdang, 2012 -.Sekarang

#### **Maklumat Lain Berkaitan**

##### **Penyeliaan:**

Program	Status	Pengerusi	Ahli
PhD	Bergraduat	10	21
	Semasa	4	10
Masters (dengan tesis)	Bergraduat	4	6
	Semasa	0	2
Masters (tanpa tesis)	Bergraduat	14	Tiada
	Semasa	0	Tiada

##### **Anugerah:**

Anugerah Kertas Kerja Persidangan Terbaik	2		
Pingat diperolehi pada pameran penyelidikan:	Emas	Perak	Gangsa
Kebangsaan: MTE/ITEX (2010-2014):	0	3	1
UPM: PRPI dan MIExpo (2006-2014):	2	5	3

Maklumat lanjut: profile.upm.edu.my/rusli