



Associate Professor

School/Unit	School of Information Technology
Area of Specialization	Software Engineering
Classification	Level D
Employment type	Full time (1.0)
Work location	Malaysia
Date document created or updated	25 April 2017

Organisational context

Established in 1998, Monash University Malaysia is one of Malaysia's most respected universities. We are Monash University's global foot print in the Asian region, carrying with us the distinction of being the Malaysian constituent of a premier research intensive Australian university ranked among the top 100 universities in the world, and a member of Australia's prestigious Group of Eight (Go8). From humble beginnings, Monash Malaysia has grown in stature, and is now recognized as a leader in the international higher education sector in Malaysia.

As a self-accrediting University, we attract students not just from Malaysia, but from all over the world. Approximately 7,500 students representing almost 70 nationalities are currently enrolled at Monash Malaysia, and enjoy a quality academic experience.

Since our inception, Monash Malaysia has built a reputation for quality, credibility and integrity, and is held in high esteem by our students, alumni, industry and government. We encourage critical thinking to help discover new ideas, reveal new perspectives and devise solutions. We maintain a long and proud tradition of excellence in education, combined with liberal values of enquiry, providing a fertile environment for bright young minds to flourish, and life-long opportunities for those wishing to enhance their education and career.

For further information see: www.monash.edu.my.

School of Information Technology

The School of Information Technology (IT) at Monash University Malaysia is one of seven schools under the purview of the Faculty of Information Technology, one of the most prestigious IT faculties in the world. By integrating its computing and information technology disciplines, the School provides enormous breadth and depth of teaching and research to the campuses, strategic alliances, centres and partnerships that form the Monash global network.

The School of IT is committed to develop courses relevant to living and working, and is poised to meet an increased demand for top-notch IT graduates in the next few years. The School of IT allows students to pursue their interests while acquiring the knowledge and skills that employers are looking for, in parallel enhancing their learning initiative by applying knowledge in exciting, immersive and innovative ways.

Currently, the School offers the 3-year Bachelor of Computer Science (BCompSci) degree and the 2-year Master of Business Information Systems (MBIS) by coursework. The School also offers a 4-year Bachelor of Software Engineering (Honours) in collaboration with the School of Engineering. The School also has a dynamic research environment, with research programs available for undergraduate and postgraduate students, including MPhil and PhD studies.

For further information, please visit www.infotech.monash.edu.my

Position purpose

The Associate Professor (Software Engineering) will lead the education, research and development of software engineering at Monash University Malaysia. The Software Engineering program is run in collaboration with the Faculty of Information Technology in Monash University Australia and the appointee will also be in charge of the program. The School has developed a close contact to the Malaysian industry and research is expected to be suitable to the local context.

The position reports to the Deputy Head of School of Information Technology and he/she will be the supervisor for the School of Information Technology staff according to the School management plan.

- **Reporting line:** The position reports to the Deputy Head, School of Information Technology.
- **Supervisory responsibilities:** As applicable.
- **Financial delegation and/or budget responsibilities:** As applicable.

Key result areas and responsibility

The key result areas of Research and Education, Leadership and Management and External Relationships are the basis for the primary duties and responsibilities of the role. The appointee will be expected to contribute to his or her own discipline and every effort will be made to assist with the development of personal and professional links with the appropriate groups of researchers.

A workload will be agreed annually with the Head of School in the Performance Development Plan process. Other duties may be required from time to time as directed by the Head of School.

Research and Education

- Publish research outcomes in high impact journals.
- Establish a strong program of research capable of attracting external funding and research staff.
- Successfully supervise honours and HDR students to completion.
- Have an active and supportive approach to inter-disciplinary and multi-disciplinary research that will help to foster interactions and links both within the University and externally.
- Lead and co-ordinate research activity in the discipline.
- Support the development and implementation of research strategy in the School.
- Conduct research into learning and teaching methodologies and disseminate best practice within the University and externally.
- Provide leadership in teaching and curriculum development.
- Design, develop and deliver a range of courses/units in the relevant discipline at undergraduate and postgraduate levels.
- Lead the development and clarification of academic standards and quality for the disciplinary area.
- Working closely with the Deputy Head of School (Education) in the development and implementation of teaching and learning strategy.
- Service to the School and Campus in ways which capitalise on experience and seniority.

Leadership and Management

- Foster and facilitate the development of outstanding academic programs, research and research training in the relevant discipline.

- Facilitate the management of the School's undergraduate and postgraduate programs, consistent with the objectives of the Campus.
- Provide innovative and effective leadership in the discipline.
- Contribute to academic and administrative leadership within the School and participate in the development of policy in the School, Faculty and University.
- Strengthen links with relevant faculties and schools within the University.
- Perform administrative and coordination duties that are necessary for the effective operation of programs.
- Actively participate in the administration and strategic development of the School.
- Represent the School's interests, views and needs in the broader Faculty, Campus and University contexts.
- Contribute to the School's talent management agenda through effective mentoring, coaching, supervision and performance management.

External Relationships

- Develop collaborative linkages and provide advice to government, industry and community organisations on relevant matters.
- Liaise with industry to foster collaboration and research opportunities, including funding for postgraduate students.
- Develop collaborations with other research groups in Malaysia and overseas.
- Provide leadership and participate in community affairs to enhance the standing of the discipline, Faculty and University regionally, nationally and internationally.
- Engage in cooperative efforts to develop cross-faculty or multi-disciplinary course proposals and research projects.
- Establish collaborative links with government and professional bodies for the promotion and development of the discipline.

Key selection criteria

Essential

1. PhD in a relevant academic discipline.
2. Evidence of scholarly activity of an international standard in the relevant discipline including significant publications in high impact journals, and a demonstrated ongoing high level of commitment to research.
3. Demonstrated ability to generate significant external research income.
4. Considerable record of successful supervision of HDR students to completion.
5. The ability to make a significant contribution to undergraduate and postgraduate programs in the relevant discipline with evidence of innovation in curriculum development, course design and course management.
6. Proven commitment to the delivery of excellent teaching and educational services to students and to effectively liaise with stakeholders.
7. High level of interpersonal and communication skills and a proven ability to establish good working relationships with colleagues.
8. Demonstrated ability to make a substantial contribution to administration, management and planning at the disciplinary level or higher.
9. Substantial experience in academic administration, including people and program management skills, and the ability to promote a collegial, productive culture and to lead and motivate staff to deliver the required outcomes.
10. Willingness to implement University policies.

Desirable

11. Demonstrated capacity to provide professional leadership and advice to members of the profession and the wider community on matters relating to the discipline.

Other job related information

Participation in key events for the Campus and School, as required:

- Monash Open Day and Graduation Ceremonies.
- Campus enrolment and induction sessions as the School's representative.
- Campus, School and Discipline functions that may take place after normal office hours.

Further Information

Confidential enquiries regarding the position may be made to Associate Professor Rajendran Parthiban, Acting Deputy Head, School of Information Technology, Monash University Malaysia at +60 3 5514 6259, or email: rajendran.parthiban@monash.edu.