



PROFESSOR

SCHOOL/UNIT	School of Engineering
SPECIALISATION	Electrical and Computer Systems
CLASSIFICATION	Level E
WORK LOCATION	Main campus

ORGANISATIONAL CONTEXT

Monash University is Australia's largest university, and a member of the prestigious Group of Eight. Monash is consistently ranked in the world's top 100 universities, reflecting our strong commitment to academic and research excellence.

Monash is a global university, with four local campuses in Australia, as well as international locations in Malaysia, China, Italy, India and Indonesia. A unique alliance with the University of Warwick (UK) sits alongside an array of international collaborations with leading universities and corporations around the world, expanding our global network.

Established in 1998, Monash University Malaysia is Monash's third largest campus and one of Malaysia's most respected universities. We were awarded a 6-star SETARA rating by the Ministry of Higher Education Malaysia in 2017 and 2019, cementing our position in the very top cohort of outstanding universities in the country.

As a research intensive institution, Monash University Malaysia is Monash's platform for scholarly engagement with Southeast Asia. We offer degrees in arts and social sciences, business, engineering, information technology, medicine and health sciences, pharmacy, and science across seven schools. Our students come from Malaysia and more than 70 countries around the world. We have over 9,000 students and more than 800 staff.

Monash University Malaysia is located in Greater Kuala Lumpur, in the Klang Valley, one of Southeast Asia's industrial hotspots. We sit in the heart of the rapidly developing economic corridor linking Singapore, Kuala Lumpur, Bangkok and beyond. Our research is oriented towards deep engagement with this dynamic social and industrial landscape, addressing core challenges of sustainable development in the region.

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

The School of Engineering continues to grow rapidly, particularly in the delivery of undergraduate programs, and through the expansion of its facilities and infrastructure. In addressing global engineering challenges of the 21st century, the expansion of research activities in our Malaysian campus is of high priority for the University, reflected

by the significant increase of school collaborative partnership with the industry sector, and through the offering of the Higher Degrees by Research, the Master of Engineering Science (Research) and the Doctor of Philosophy (PhD). The School currently has more than 1,500 undergraduate students, consisting of approximately 90 academic staff, and 35 professional and technical support staff.

The School offers the 4-year Bachelor degree in 6 disciplines: [Chemical Engineering](#), [Civil Engineering](#), [Electrical and Computer Systems Engineering](#), [Mechanical Engineering](#), [Robotics and Mechatronics Engineering](#) and [Software Engineering](#). These are the 6 core disciplines of Engineering, driven by the strong and growing demand for capable graduates in Malaysia, the Asian region and beyond. The School also offers a [Masters by coursework](#) program.

For further information: <https://www.monash.edu.my/engineering>

POSITION PURPOSE

A Level E academic is expected to exercise a special responsibility in providing leadership and in fostering excellence in research, teaching, professional activities and policy development in the academic discipline within the school or other comparable organisational unit, within the university and within the community, both scholarly and general.

In more detail, the academic is expected to lead the School's research in thematic areas, and contribute significantly to the School's long-term educational and research strategies. S/he is also expected to mentor junior staff on educational, research or career development matters.

Reporting Line: The position reports to the Head of Discipline

Supervisory responsibilities: This position provides direct supervision to staff assigned to this position

Financial delegation and/or budget responsibilities: Not applicable

KEY RESPONSIBILITIES

1. Lead curriculum development, innovation, enhancement and quality assurance in the undergraduate and postgraduate curriculum
2. Lead the development and delivery of innovative and excellent teaching, learning and assessment experiences for undergraduate and postgraduate students
3. Conduct world class research, maintaining an active record of high quality publication, grants, and PhD student supervision.
4. Lead the development and implementation of a research strategy for Electrical and Computer Systems Discipline and School of Engineering consistent with the research priorities of Monash University Malaysia and Monash University.
5. Lead the development of strong collaborations with other universities and with government, industry and/or civil society to drive research impact and educational excellence.
6. Play an active leadership role in the management of education, research and/or administration in the School, including coaching, mentorship, leadership and effective performance management.
7. Lead the School's research in thematic areas.
8. Mentor junior staff in educational, research or career development matters.
9. Take up a leadership role in the School if it is required (e.g. Head of Discipline, Deputy Head of School).

KEY SELECTION CRITERIA

1. A doctoral qualification (PhD) or equivalent qualification
2. A strong record of successful and innovative curriculum development

3. An outstanding record of teaching, and educational leadership, which demonstrates a commitment to innovation and excellence
4. An outstanding research record, demonstrated by world class publications, grants and PhD supervision
5. An outstanding record in research leadership including generating research income, leading major research projects and, where relevant, building research teams
6. Proven ability to promote the discipline internally within the university as well as externally, both nationally and internationally
7. High level collaborative leadership skills that unite and inspire people creating a culture of high performance and collegiality
8. Eligible to register with the Board of Engineers Malaysia (BEM)

LEGAL COMPLIANCE

Ensure you are aware of and adhere to legislation and University policy relevant to the duties undertaken, including: Equal Employment Opportunity, supporting equity and fairness; Occupational Health and Safety, supporting a safe workplace; Conflict of Interest (including Conflict of Interest in Research); Paid Outside Work; Privacy; Research Conduct; and Staff/Student Relationships.