SENIOR LECTURER

DEPARTMENT/UNIT Civil Engineering (Environmental Engineering Program)
FACULTY/DIVISION Faculty of Engineering
CLASSIFICATION Level C
DESIGNATED CAMPUS OR LOCATION Clayton campus

ORGANISATIONAL CONTEXT

At Monash, work feels different. There’s a sense of belonging, from contributing to something groundbreaking – a place where great things happen. You know you’re part of something special and purposeful because, like Monash, your ambitions drive you to make change.

We have a clear purpose to deliver groundbreaking intensive research; a world-class education; a global ecosystem of enterprise – and we activate these to address some of the challenges of the age, Climate Change, Thriving Communities and Geopolitical Security.

We welcome and value difference and diversity. When you come to work, you can be yourself, be a change-maker and develop your career in exciting ways with curious, energetic, inspiring and committed people and teams driven to make an impact – just like you.

Together with our commitment to academic freedom, you will have access to quality research facilities, infrastructure, world class teaching spaces, and international collaboration opportunities.

We champion an inclusive workplace culture for our staff regardless of ethnicity or cultural background. We have also worked to improve gender equality for more than 30 years. Join the pursuit of our purpose to build a better future for ourselves and our communities – #Changelit with us.

The Faculty of Engineering is one of the largest in Australia, renowned worldwide for the quality and calibre of our teaching, research and graduates. We offer a comprehensive range of undergraduate, graduate, postgraduate and higher degree by research programs in a wide range of engineering disciplines. Our research activities provide a platform for establishing a thriving educational enterprise and our staff are committed to creating a dynamic learning environment. The research activities range from fundamental studies to research with a strong applications orientation. To learn more about the Faculty of Engineering, please visit our website.
The Department of Civil Engineering aims to provide high quality education, research and professional services globally for the mutual benefit of the students, the staff, the University, industry, the profession and the wider community. We offer several undergraduate and postgraduate coursework degrees. The Department actively pursues innovative and significant multi-disciplinary research to address the challenges for engineering in the 21st century. For more information about us and the work we do, please visit our website.

The Department has two major undergraduate degree programs (Bachelor of Civil Engineering and Bachelor of Environmental Engineering), three postgraduate coursework degrees, and three main research themes including 7 areas of research focus (see www.monash.edu/engineering/departments/civil/research). It has strong collaboration across its three campuses including Clayton Australia, Sunway Malaysia and Suzhou China.

The University’s strategic plan for 2021-2030 (Impact 2030) is “focused on addressing the challenges of the age for the betterment of our communities, both locally and globally”, actively addressing those challenges in collaboration with government, industry and the community. The Department of Civil Engineering is well positioned to advance the core goals identified in IMPACT 2030, through excellent research and education, the international reach of its activities and its strong record of developing enduring alliances and partnerships with industry, government and other organisations. More specially, many environmental crises have been driven by the climate and environmental challenges and directly affect the future of society. A better understanding on the broad spectrum of anthropogenic and naturally occurring risks, impacts, and management strategies is imperative to facilitate decision making processes. Nevertheless, the magnitude of such challenges implies that no single field of research or profession can tackle them alone.

POSITION PURPOSE

A Level C academic is expected to make significant contributions to the teaching effort of a department, school, faculty or other organisational unit or an interdisciplinary area. An academic at this level is also expected to play a major role in scholarship, research and/or professional activities.

Management is the process of planning, organising, directing, and controlling resources to achieve a specific goal. In the civil and environmental engineering domain, the broad engineering management field could include environmental management, project management, impact and risk management, sustainability management, and catastrophic management to name a few. The Department is looking to build on existing research strengths to advance its engineering management, especially in the synergies between environmental engineering and management fields, both in terms of teaching and research. The successful applicant will make an outstanding contribution to the broad engineering management field, providing leadership and fostering excellence in research and teaching, as well as engaging with the profession, within the context of the Faculty’s overall strategy. The Senior Lecturer will contribute to building a strong and cohesive engineering management academic group and raise the visibility of project management across the University and strengthen the existing capability of Monash University in the project management field.

The position sits within the Department of Civil Engineering. The successful candidate will be teaching in the Department of Civil Engineering and contribute to a cross-Faculty Master of Project Management degree. This degree is offered in conjunction with the Faculties of Business and Economics, Law, and Information Technology.

**Reporting Line:** The position reports to Head of Department, Civil Engineering

**Supervisory Responsibilities:** Not applicable

**Financial Delegation:** Not applicable

**Budgetary Responsibilities:** Not applicable
KEY RESPONSIBILITIES

Specific duties required of a Level C academic may include:

1. The conduct of tutorials, practical classes, demonstrations, workshops, student field excursions, clinical sessions and/or studio sessions
2. Initiation and development of course material
3. Course coordination
4. The preparation and delivery of lectures and seminars
5. Supervision of major honours or postgraduate research projects
6. Supervision of the program of study of honours students and of postgraduate students engaged in course work
7. The conduct of research
8. Significant role in research projects including, where appropriate, leadership of a research team
9. Involvement in professional activity
10. Consultation with students
11. Broad administrative functions
12. Marking and assessment
13. Attendance at departmental, school and/or faculty meetings and a major role in planning or committee work
14. Other duties as directed from time to time

KEY SELECTION CRITERIA

Education/Qualifications

1. The appointee will have:
   - A doctoral qualification in the relevant discipline area or equivalent accreditation and standing, and recognised significant experience in the relevant discipline area.

Knowledge and Skills

2. Possess a high level of interpersonal skills and demonstrated ability to work independently and as part of a team across both the education and service sectors
3. Demonstrated publication record in high-quality refereed journals, conferences equivalent textbooks or teaching resources
4. Demonstrated ability in undertaking outstanding research and leading a research team and project
5. Proven record of obtaining significant external grants for research
6. Demonstrated record of successfully supervising postgraduate research students
7. Ability to work positively and cooperatively with students, internal and external teams and external organisations
8. Demonstrated strong record of teaching experience in a tertiary environment including course coordination
9. Demonstrated ability to motivate, actively engage and educate a given audience
10. Proven ability, commitment and passion for engaging in scholarly and research activities
11. A demonstrated capacity to work in a collegiate manner with other staff in the workplace

OTHER JOB RELATED INFORMATION

- Travel and block teaching at other campuses of the University or affiliated programs may be required
- There may be a requirement to work additional hours from time to time
- There may be peak periods of work during which taking of leave may be restricted
- A current satisfactory Working With Children Check is required

GOVERNANCE

Monash University expects staff to appropriately balance risk and reward in a manner that is sustainable to its long-term future, contribute to a culture of honesty and integrity, and provide an environment that is safe, secure and inclusive. Ensure you are aware of and adhere to University policies relevant to the duties undertaken and the values of the University. This is a standard which the University sees as the benchmark for all of its activities in Australia and internationally.