



## Position Description – Professor, Structural Engineering

### Position Details

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<b>Position Title:</b>	Professor, Structural Engineering
<b>College/Portfolio:</b>	STEM College
<b>School/Group:</b>	School of Engineering
<b>Campus Location:</b>	Based at the City and Bundoora campus, however may be required to work and/or be based at other campuses of the University.
<b>Classification:</b>	Academic Level E
<b>Employment Type:</b>	Continuing
<b>Time Fraction:</b>	1.0 FTE

### RMIT University

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RMIT is a multi-sector university of technology, design and enterprise. The University's mission is to help shape the world through research, innovation and engagement, and to create transformative experiences for students to prepare them for life and work. For more information on RMIT University follow the links below.

<https://www.rmit.edu.au/about>

<https://www.universitiesaustralia.edu.au/university/rmit-university/>

<https://www.rmit.edu.au/about/facts-figures>

Our three main campuses in Melbourne are located in the heart of the City, Brunswick, Bundoora and Point Cook, along with other Victorian locations. There are also two campuses in Vietnam (Hanoi and Ho Chi Minh City) and a centre in Barcelona, Spain. RMIT is a truly global university.

<https://www.rmit.edu.au/about/our-locations-and-facilities>

We are also committed to redefining our relationship in working with, and supporting, Indigenous self-determination. Our goal is to achieve lasting transformation by maturing our values, culture, policy and structures in a way that embeds reconciliation in everything we do. We are changing our ways of knowing, working and being to support sustainable reconciliation and activate a relationship between Indigenous and non-Indigenous staff, students and community. Our three campuses in Melbourne (City, Brunswick and Bundoora campuses) are located on the unceded lands of the people of the Woi Wurrung and Boon Wurrung language groups of the eastern Kulin Nation.

## Why work at RMIT University

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Our people make everything at the University possible. We encourage new approaches to work and learning, stimulating change to drive positive impact. Find out more about working at RMIT University, what we stand for and why we are an Employer of Choice.

<https://www.rmit.edu.au/careers>

We want to attract those who will make a difference. View RMIT's impressive standings in university rankings.

<https://www.rmit.edu.au/about/facts-figures/reputation-and-rankings>

## STEM College

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The STEM College holds a leading position and expertise in the science, technology, engineering, mathematics and health (STEM) fields. We are uniquely positioned to influence and partner with industry, as never before.

STEM College is a community of exceptional STEM researchers, teachers, inventors, designers and game-changers, supported by talented professional staff. We offer higher education programs across all STEM disciplines at the Bachelor, Master and PhD levels, and ensure our students experience an education that is work-aligned and life-changing.

The College is renowned for its exemplary research in many STEM areas including advanced manufacturing and design; computing technologies; health innovation and translational medicine; nano materials and devices; and sustainable systems. Our brilliant researchers attract funding from government and industry sources.

Industry is at the heart of what we do. It ensures our research has real world impact, and our students are truly work-ready. Under the leadership of DVC STEM College & Vice President, Digital Innovation, we have established new hubs of industry-connected digital innovation and endeavour and are engaging with global STEM organisations at scale.

Our diversity and shared values empower our work, and we are proud of the College's inclusive, caring culture. We offer a safe, dynamic work environment, and support every member of our community to achieve their potential. The College appointed Victoria's first ever Dean of STEM, Diversity & Inclusion in 2020, and this role drives gender equity, diversity and inclusion strategies across the College.

STEM College employs 1,000 staff who deliver onshore and offshore programs to approximately 20,000 students.

**We are here to positively impact the world and create the next generation of STEM leaders.**

Click [here](#) for more information about the College.

## School of Engineering

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The School of Engineering is based on innovation and creativity. Our disciplines provide programs with flexible pathways to global careers or postgraduate research encompassing:

- Aerospace Engineering and Aviation;
- Chemical and Environmental Engineering;
- Civil and Infrastructure Engineering Electrical and Biomedical Engineering;
- Electronic and Telecommunications Engineering Mechanical and Automotive Engineering; and
- Manufacturing, Materials and Mechatronics Engineering.

## Position Summary

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The Professor is a senior academic and eminent researcher in the specialist field of Structural Engineering in the Civil and Infrastructure Engineering discipline, contributing significantly to teaching and research outputs, building capability of staff and promoting strong academic performance. You will provide high level research leadership, developing and leading research project teams and programs, fostering a vibrant research culture. You will be required to develop a high-quality and productivity-driven research network across RMIT and with external national and global partners.

As the Professor you will also teach and make a significant contribution to teaching and learning in Structural Engineering with the aim of improving learning outcomes for students. You will make a significant contribution to the planning and strategic direction of the School of Engineering, taking on major academic leadership roles involving participation in various committees within the School, STEM College and University and external to the University, as appropriate.

## Reporting Line

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Reports to: Associate Dean, Civil & Infrastructure Engineering

Direct reports: Nil

## Organisational Accountabilities

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RMIT University is committed to the health, safety and wellbeing of its staff. RMIT and its staff must comply with a range of statutory requirements, including equal opportunity, occupational health and safety, privacy and trade practice. RMIT also expects staff to comply with its policy and procedures, which relate to statutory requirements and our ways of working.

RMIT is committed to providing a safe environment for children and young people in our community. Read about our commitment and child safe practices. <https://www.rmit.edu.au/about/our-locations-and-facilities/facilities/safety-security/child-safety>.

Appointees are accountable for completing training on these matters and ensuring their knowledge and the knowledge of their staff is up to date.

## Key Accountabilities

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- Lead and foster excellence in teaching and research in the discipline within the University and within the community, professional, commercial or industrial sectors.
- Ensure implementation of best practice teaching strategies within discipline and dissemination of innovative practices across the University, including: initiating responses to emergent issues and integrating into curriculum development; leading improvement of academic standards, program review and course evaluations within and across disciplines.
- Having achieved distinction at national and international levels and with recognition as an eminent authority in the discipline, lead research contribution including: leading publication effort of research team/s and extending dissemination activities; identifying and attracting external research funding to sustain research growth across the University; supervising higher degree by research candidates.
- Provide leadership and foster excellence in policy development in the academic discipline within the University and within the community, professional, commercial or industrial sectors.
- Lead School and College and participate in University strategy development and governance.

## Key Selection Criteria

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1. Demonstrated ability to manage award program/s and lead program reviews.
2. Demonstrate distinction at the national level and an internationally recognised research track record in Structural Engineering.
3. Proven ability to sustain and grow Research Groups and Centres through the attraction of external funding.

4. Extensive experience in attracting and supervising higher degree by research candidates to maximise research performance.
5. Demonstrated ability to lead improvement of academic standards, including implementing best practice teaching strategies and dissemination of innovative practices.
6. Evidence of demonstrated strategic leadership in a large organisational unit or University-wide initiative and effective membership of a management team that developed and achieved shared goals and objectives.
7. Demonstrated experience in financial, governance and quality management systems within a University.
8. Demonstrated high level of interpersonal, communication and negotiating skills including the ability to consult with senior executives, external bodies, produce executive reports, negotiate agreed directions, outcomes and targets within a collaborative environment.

## Qualifications

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**Mandatory:** PhD in relevant field.

Note: Appointment to this position is subject to passing a Working with Children Check and other checks as required by the specific role. Maintaining a valid Working with Children Check is a condition of employment at RMIT.

<b>Endorsed:</b>	Signature: Name: Title: Date:	<b>Approved:</b>	Signature: Name: Title: Date:
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