



Senior Lecturer

Department/Unit	Chemical Engineering
Faculty/Division	Faculty of Engineering
Classification	Level C
Work location	Clayton campus
Date document created or updated	May 2018

Organisational Context

Everyone needs a platform to launch a satisfying career. At Monash, we give you the space and support to take your career in all kinds of exciting new directions. You'll have access to quality research, infrastructure and learning facilities, opportunities to collaborate internationally, as well as the grants you'll need to publish your work. We're a university full of energetic and enthusiastic minds, driven to challenge what's expected, expand what we know, and learn from other inspiring, empowering thinkers. Discover more at www.monash.edu.

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.

Chemical Engineering at Monash embraces challenges faced by society at the food-energy-water nexus, biotechnology, medicine, and sustainable processing. We are looking for individuals interested in taking advantage the excellent multidisciplinary research environment at Monash University including opportunities such as the Monash Institute for Medical Engineering (MIME), Monash Infrastructure (MI), Monash Food Innovation Centre (MFIC), Melbourne Centre for Nanofabrication (MCN), Monash Energy Materials and Systems Institute (MEMSI), and Monash Sustainable Development Institute (MSDI). We are also located next to and collaborate with the Australian Synchrotron and the Commonwealth Scientific and Industry Research Organization (CSIRO). We are also interested in academics interested in research on teaching and learning and its applications to curriculum development in chemical engineering and broad-based introductory first year engineering courses.

Position Purpose

A Senior Lecturer is expected to make significant contributions to the teaching, research, industry engagement and professional activities of the Faculty of Engineering. An academic at this level is expected to play a major role in scholarships, develop an internationally recognised research portfolio, establish funding streams to support research portfolio and enhance the intra-departmental collaboration efforts of the faculty.

Reporting Line: The position reports to the Head of Chemical Engineering

Supervisory Responsibilities: Not applicable

Financial Delegation: Not applicable

Budget 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 studio sessions
2. The initiation and development of course material in line with best practice methodologies
3. Course coordination and course content and delivery enhancement, including the preparation and delivery of lectures and seminars, and the design, implementation and review of educational innovations
4. Consultation with students including marking and assessment of coursework and guidance on areas of development
5. The conduct of research and the undertaking of a significant role in research projects including, where appropriate, leadership of research teams
6. Contribution to scholarly debate within the profession, production of quality research that has industry relevance and presentation of research results at national and international forums
7. Supervision of the program of study of honours students and of postgraduate students engaged in course work, and supervision, support and guidance to major honours or postgraduate research projects
8. Involvement in professional activities such as networking and industry events to stay abreast of academic and industry changes and developments and how these can be applied at Monash
9. Attend and contribute to departmental, school and/or faculty meetings and play a major role in planning or committee work
10. Broad administrative functions; the majority of which are connected with the subjects in which the academic teaches

Key Selection Criteria

Education/Qualifications

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

Knowledge and Skills

2. Demonstrated experience and proven ability in undertaking cross-disciplinary research and engage in research, scholarship and teaching matters
3. Demonstrated publication record in high-quality refereed journals, conferences, equivalent textbooks or teaching resources
4. Potential to secure significant nationally-competitive grants and/or other sources of funding for research
5. Potential to successfully supervising postgraduate research students to completion
6. Demonstrated experience or the ability to develop and deliver teaching and curriculum, at the undergraduate and postgraduate level, with positive student feedback
7. High-level written and verbal communication skills and proven ability to establish a good working relationship with colleagues and students, and to develop and maintain strong professional links with relevant industry business, government agencies and professional bodies and the community
8. Proven ability to plan, organise and achieve work targets, sometimes in demanding circumstances, and work harmoniously and constructively with academic colleagues and other university staff
9. Proven professional leadership qualities and capacity for administrative responsibilities, and a willingness to make a substantial contribution to all activities of the department, including administration and planning
10. Proven ability to promote the discipline internally within the university as well as externally at a national level

Other Job-Related Information

- Travel to other campuses of the University may be required
- There may be peak periods of work during which taking of leave may be restricted

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.