Position Description – Senior Lecturer

Position Details

Position Title: Senior Lecturer

Position Number: 50014427

Portfolio: Science, Engineering and Health

School/Group: School of Aerospace, Mechanical and Manufacturing Engineering

Campus Location: Based at the City campus, but may be required to work and/or be based at other campuses of the University.

Classification: Academic Level C
Salary Schedule: http://www.rmit.edu.au/browse;ID=ewhtlt73t01

Employment Type: Continuing
Note: See Reasons for fixed term appointments guideline for explanation of fixed term categories

Time Fraction: 1.0

RMIT University

RMIT is a global university of technology and design, focused on creating solutions that transform the future for the benefit of people and their environments. We are global in attitude, action and presence; urban in orientation and creativity; and connected through active partnerships with professions, industries and organisations.

RMIT University enjoys an international reputation for excellence in professional and practical educational programs and high quality outcome-oriented research.

One of Australia's original educational institutions founded in 1887, RMIT is now the nation's largest tertiary institution. The University offers an extensive range of postgraduate, undergraduate and vocational programs

RMIT has three Melbourne campuses – in the central business district and in Brunswick and Bundoora in the city's northern suburbs - campuses in Hanoi and Ho Chi Minh City in Vietnam and a site in Barcelona, Spain. With significant partnerships in Hong Kong, China, Indonesia, Malaysia and Singapore, RMIT has a strong educational presence in the Asia-Pacific region. The University's total student population of 82,000 includes 30,000 international students (onshore and offshore).

RMIT is a leader in technology, design, global business, communication, global communities, health solutions and urban sustainable futures. It is ranked in the top 150 universities in the world for engineering, computer science and information systems, economics, communication and media studies, accounting and finance and education in the 2013 QS World University Rankings and 10th in Australia.

www.rmit.edu.au

Portfolio/Group

The College comprises 10 Schools delivering a broad range of programs in Science, Engineering and Health at Apprenticeship, Certificate, Bachelor, Masters and PhD levels. Many programs articulate between TAFE and Higher Education, creating pathways for further study.

There is a vibrant research community attracting funding from a range of government and industry sources. The College has an annual budget of approximately $209 million and employs over 1,000 staff providing on and offshore programs to approximately 20,000 students.

The School of Aerospace, Mechanical and Manufacturing Engineering is one of the largest and progressive engineering schools in Australia.

The School has an establishment of around 118 staff, covering the disciplines of Aerospace & Aviation, Mechanical & Automotive Engineering and Manufacturing & Materials Engineering. The School is recognised nationally for excellence in industry focused education and applied research, with a total profile of around 2000 equivalent full-time students (EFTSL) across undergraduate and postgraduate programs. The School has modern facilities for students and staff on attractive and spacious campuses at Bundoora and the City. The 1st and 2nd years of all undergraduate programs run at the City campus while the remaining years and research students are located at the Bundoora campus. The School's resources include an industrial wind tunnel capable of testing full-scale vehicles, specialist aerodynamics laboratories, a renewable energy & energy conservation park, composites and materials testing laboratories, advanced manufacturing systems laboratory, engine testing laboratories, dynamics and NVH laboratory, metrology laboratory and a range of advanced CAE laboratories. The School is an active member of the CRC for Advanced Automotive Technologies, CRC for Advanced Composites Structures, Defence Materiel Technology Centre (DMTC) and the National CRC for Advanced Manufacturing with over 160 research students working across the three disciplines of the School.

Details relating to the School can be found at: http://www.rmit.edu.au/aeromecheng

Position Summary

The Senior Lecturer is expected to make a significant contribution to the teaching and research efforts in Manufacturing and Materials engineering discipline especially in the field of intelligent transport systems. The incumbent will be expected to participate in the academic activities of the School and the College and to pursue a program of professional development consistent with the strategic goals of the School. This is a senior academic position within the Discipline of Manufacturing and Materials engineering and is expected to undertake high quality teaching, research and industry engagement in the designated field of intelligent transport systems both nationally and internationally.

Reporting Line

Reports to: Deputy Head of School, Manufacturing and Materials Engineering

Direct reports: none

Organisational Accountabilities

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.

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

- Contribute to the academic and professional development including teaching, research and course/program management of the School in Sustainable Systems Engineering especially in the specialist field of intelligent transport systems.
- Responsible for the currency, relevance and quality of the Teaching and Learning material delivered at both Undergraduate and Postgraduate level in the relevant areas both onshore and offshore through a process of continual review and evaluation consistent with priorities of the School and RMIT Strategic Plan.
- Contribute to the development of interdisciplinary activities in Teaching and Learning and research, and contribute to developing and coordinating School programs including on-shore and off-shore in the relevant field.
- Initiate and conduct high quality research, including supervision of higher degrees students, consistent with the development focus of the School, in the relevant specialist area of intelligent transport systems.
- Contribute to the development of a client focused orientation across the School and actively participate in continuous improvement process within the Discipline and School.

- Maintain close interaction with industry and professional bodies, locally and internationally, to ensure that the research, teaching programs and learning activities in the nominated specialist areas of intelligent transport systems are recognized as the preferred supplier of academic services in research and professional training.
- Maintain academic and/or professional standing by engaging in a program of academic/professional activity and development in relevant areas.
- Comply with occupational health and safety policies and university practices in all aspects of work.
- Other appropriate duties assigned by the Discipline Head and/or Head of School.

Key Selection Criteria

1. Possess a proven record of academic and/or professional achievement in Engineering, especially in the field of intelligent transport systems. Demonstrated experience in teaching at tertiary education level resulting in high student satisfaction.
2. Experience in the interpretation and application of simulation and visualisation technologies for analysing and developing intelligent transport systems
3. Proven ability to undertake high quality research in the designated field of intelligent transport systems resulting in high quality journal articles in recognized international journals.
4. Proven ability to prepare and win competitive research grants and/or research contracts with industry.
5. Proven ability to develop high quality teaching and learning resources in the designated field of intelligent transport systems.
6. Proven experience in tertiary teaching resulting in high students' satisfaction
7. Demonstrated high level of interpersonal and communication skills, including ability to work effectively within a multidisciplinary team environment.
8. Demonstrated track record of values and behaviours consistent with RMIT enterprise vision, goals and strategic plans.

Qualifications

PhD in systems engineering, transport engineering or relevant discipline area.

Endorsed:	Signature:  Name: Professor John Mo Title: Discipline Head Manufacturing and Materials engineering School of Aerospace, Mechanical and Manufacturing Engineering Date: 12 January, 2014	**Approved:**	Signature: Name: Professor Aleksandar Subic Title: Dean of Engineering/Head of School School of Aerospace, Mechanical and Manufacturing Engineering Date: