



Dublin City University

Faculty of Engineering and Computing

School of Mechanical and Manufacturing Engineering

Professor/Associate Professor in Mechanical / Manufacturing Engineering

A dynamic and innovative School of Mechanical and Manufacturing Engineering in Dublin City University offers an extensive range of taught and research programmes at both undergraduate and postgraduate level, since the School was established in 1987. The School currently offers: four Bachelor of Engineering Undergraduate degrees (NFQ Level 8) in; Mechanical and Manufacturing Engineering, Biomedical Engineering, Manufacturing Engineering with Business Studies and Mechatronic Engineering, along with a Masters (NFQ Level 9) majoring in Mechanical and Manufacturing Engineering, Biomedical Engineering, and Sustainable Systems Engineering. More detailed information on the School's structure and activities are available on its website (http://www.dcu.ie/mechanical_engineering/)

The School has forged itself a strong reputation for excellence in research in both its Masters and PhD (NFQ Levels 9 and 10) activities since 1987. The school's innovative approach has been to anticipate new directions in Mechanical and Manufacturing Engineering relevant themes and to meet these challenges through strategic development of its portfolio in teaching and learning, and research, and the integration of its teaching and learning-research activities. The School makes significant contributions to the body of global knowledge in support of societal, commercial and industrial needs, while meeting national and international academic standards. The school meets these challenges through its research in the strategic thematic areas of: Biomedical Engineering, Innovative Manufacturing and Sustainable Technology/Energy. These areas are underpinned by the activities within a University Designated Research Centre, the **Centre for Medical Engineering Research**, various National Centres within DCU and other school related research clusters such as the **Enterprise Process Research Centre**, the **Computational Fluid Dynamics**, **Heat Transfer**, **Complex Analytical and Numerical Modelling**, **Advanced Processing Technology** and **Energy Generation** groups.

The School of Mechanical and Manufacturing Engineering seeks to appoint a highly qualified Professor/Associate Professor in Mechanical and Manufacturing Engineering. The position is being offered on a full time permanent basis.

The successful candidate will be expected to play a leading role in the growth and expansion of the School, to foster appropriate developments within the School and the enhancements of its teaching and learning, and research to underpin this. The candidate will be expected to identify how they can enhance the key University objectives set out in its strategic plan 2012-2017, *Transforming Lives and Societies*, together with National and European Higher Education objectives. Reporting to the Head of School of Mechanical and Manufacturing Engineering, s/he will be expected demonstrate leadership and engagement in both their individual and the school's members high quality research, as well as contributing to the range of programmes offered by the School at undergraduate, postgraduate and doctoral level and to provide service to support the School's needs through various administration expectations.

Expertise is ideally sought in aspects of Mechanical and Manufacturing Engineering, such as: *Biomedical Engineering, Innovative Manufacturing or Sustainable Technology/Energy.*

Applications are invited from professionals with current or recent senior academic experience who are established leaders within their field. The successful candidates should be able to provide evidence of an international reputation in relevant research and a sustained commitment to excellence in teaching and learning, plus the integrating of teaching and learning with research. S/he must possess excellent leadership in teaching/research/service plus interpersonal and communication skills.

Applicants are required to possess a doctorate in a relevant discipline and should have a current active research programme, with significant potential for expansion and further development, leading to publications and other relevant research outputs. S/he should also have a successful record of research supervision and income generation through research and/or consultancy and experience of curriculum and programme development. Evidence of ability to proactively engage with industry would be a significant advantage.

Informal Enquiries to:

Dr Joseph Stokes, Head of School, School of Mechanical and Manufacturing Engineering, Faculty of Engineering and Computing. E-mail: joseph.t.stokes@dcu.ie Tel: +353 (0)1 700 8720,

Salary Scales:

Professor:	€106,516 - €136,276
Associate Professor:	€78,336 - €103,257

The appointment will be made commensurate with qualifications and experience.

Closing date: 30th January 2015

Application Procedure

Applications forms are available at: <http://www4.dcu.ie/hr/vacancies/current.shtml> and from the Human Resources Department, Dublin City University, Dublin 9. Tel: +353 (0)1 700 5149; Fax: +353 (0)1 700 5500 Email: hr.applications@dcu.ie

Dublin City University is an equal opportunities employer.