



Applications are invited from suitably qualified candidates for the following position:

**Assistant Professor in Mechanical and Sustainable Engineering  
School of Mechanical and Manufacturing Engineering  
Faculty of Engineering and Computing  
Fixed Term Three Year Contract**

**Dublin City University**

Dublin City University (DCU) is a leading innovative European University. It is proud to be one of the world's leading Young Universities and is among the world's top 2% globally. DCU is known as Ireland's University of Impact, with a mission to 'transform lives and societies' and focuses on addressing global challenges in collaboration with key national and international partners and stakeholders.

DCU has over 20,000 students in five faculties spread across three academic campuses in the Glasnevin-Drumcondra area of North Dublin. Thanks to its innovative approach to teaching and learning, the University offers a 'transformative student experience' that helps to develop highly sought-after graduates. DCU is currently No. 1 in Ireland for Graduate Employment Rate, and for graduate income (CSO).

DCU is a research-intensive University and is home to a number of SFI-funded Research Centres. The University participates in a range of European and international research partnerships. DCU is also the leading Irish university in the area of technology transfer as reflected by licensing of intellectual property.

As a 'People First' institution, DCU is committed to Equality, Diversity and Inclusion - a University that helps staff and students to thrive. The University is a leader in terms of its work to increase access to education and is placed in the world's Top 10 for reducing inequalities in the Times Higher Education Impact Rankings.

**The School of Mechanical and Manufacturing Engineering**

The School of Mechanical & Manufacturing Engineering has been at the forefront of Teaching, Learning, Research and Innovation in Engineering since its establishment in 1987. Current programmes include Mechanical and Manufacturing Engineering, Biomedical Engineering, Mechatronics Engineering and Mechanical and Sustainability Engineering. The School is a research-intensive school that is home to key researchers affiliated to research centres including I-Form, Insight, Biodesign Europe, ESIPP, MEDeng and the Water Institute, and has particular strengths in Biomedical Engineering, Advanced Manufacturing and Sustainable Systems and

Energy. At postgraduate levels the school offers taught Master's programmes with Majors in Biomedical Engineering, Simulation Driven Design and Mechanical and Sustainability Engineering, each also with a pathway integrated with Bachelor's degrees.

### **Relationships**

The position will report to the Head of School and work closely with other colleagues, the Teaching Convenor/Associate Dean of Teaching and Learning and industry partners. Building positive relationships with professional support staff and technical and pedagogy specialists and engagement with key stakeholders within and outside of DCU is an important part of this role.

### **Duties and Responsibilities: Principal Duties and Responsibilities**

Please see attached job description for principal duties and responsibilities of the role.

### **Qualifications, Skills and Experience Required**

Applicants must hold an honours degree in a relevant discipline and should be qualified to a post-graduate level with a PhD specialism in energy systems, or a related discipline. The successful candidates should ideally have a minimum of three years' relevant post-doctoral experience as well as the following:

- Applicants must have demonstrated teaching experience at undergraduate and/or postgraduate level, ideally including experience in innovative pedagogies and/or assessments, international and/or online or technology-assisted teaching.
- Applications are specifically invited from those with strong research credentials and publication record, particularly in one or more of the following research areas:
- The successful applicants will also have demonstrated potential to establish an independent research programme and attract research funding from competitive research funding schemes and/or industry.
- Candidates should demonstrate excellent interpersonal and communication skills consistent with the highest quality of teaching and learning, together with evidence of successful teamwork and a collegial approach.

### **Essential Training**

The postholder will be required to undertake the following essential compliance training: Orientation, Health & Safety, Data Protection (GDPR) and all Cyber Security Awareness Training. They will also be expected to engage with DCU/ADAPT training on Gender, Equality, Diversity and Inclusion. Other training may need to be undertaken when required.

**Salary Scale:** Assistant Professor (Above bar) Salary Scale - €58,629 - €93,957

*\*Appointment will be commensurate with qualifications and experience will be made on the appropriate point of the salary scale, in line with current Government pay policy.*

**Closing date:** Tuesday, 1<sup>st</sup> August 2023

**For more information on DCU and benefits, please visit [Why work at DCU?](#)**

**Informal Enquiries in relation to this role should be directed to:**

Dr. Paul Young, Head of School, School of Mechanical & Manufacturing Engineering, Dublin City University.

Email: [paul.young@dcu.ie](mailto:paul.young@dcu.ie) or the School Secretary [MMESecretary@dcu.ie](mailto:MMESecretary@dcu.ie)

**Application Procedure:**

Application forms are available from the DCU Current Vacancies website at <https://www.dcu.ie/hr/vacancies-current-vacancies-external-applicants>

Applications should be submitted by e-mail with your completed application form to [hr.applications@dcu.ie](mailto:hr.applications@dcu.ie)

**Please clearly state the role that you are applying for in your application and email subject line:  
Job Ref: #HCI.3.F.65 Assistant Professor in Mechanical and Sustainable Engineering**

**Dublin City University is an equal opportunities employer.**

**In line with the Employment Equality Acts 1998 – 2015, the University is committed to equality of treatment for all those who engage with its recruitment, selection and appointment processes.**

**The University's Athena SWAN Bronze Award signifies the University's commitment to promoting gender equality and addressing any gender pay gaps. Information on a range of university policies aimed at creating a supportive and flexible work environment are available in the [DCU Policy Starter Packs](#)**