Applications are invited from suitably qualified candidates for the following position

Assistant Professor in Electronic & Computer Engineering
School of Electronic Engineering
Faculty of Engineering & Computing
Fixed Term Three Year Contract

Dublin City University

Dublin City University (DCU) is a young, ambitious and vibrant university, with a mission 'to transform lives and societies through education, research, innovation and engagement'. Known as Ireland's 'University of Enterprise', DCU is a values-based institution, committed to the delivery of impact for the public good. DCU was named Sunday Times Irish University of the Year 2021.

DCU is based on three academic campuses in the Glasnevin-Drumcondra region of north Dublin. More than 18,000 students are enrolled across five faculties – Science and Health, DCU Business School, Computing and Engineering, Humanities and Social Sciences and DCU Institute of Education.

DCU is committed to excellence across all its activities. This is demonstrated by its world-class research initiatives, its cutting-edge approach to teaching and learning, its focus on delivering a transformative student experience, and its positive social and economic impact. The university continues to develop innovative programmes in collaboration with industry, such as the DCU Futures suite of degrees, which are designed to equip graduates with the skills and knowledge required in a rapidly evolving economy.

DCU's pursuit of excellence has led to its current ranking among the top 2% of universities globally. It is also one of the world's Top Young Universities (QS Top 100 Under 50, Times Higher Top 150 Under 100). In the Times Higher Education University Impact Rankings 2021, DCU ranked 23rd in the world for its approach to widening participation in higher education and its ongoing commitment to eradicating poverty, while it ranks 38th globally for its work in reducing inequality and 89th globally for gender equality.

The university is ranked 23rd in the world and first in Ireland for its graduate employment rate, according to the 2020 QS Graduate Employability Rankings. Over the past decade, DCU has been the leading Irish university in the area of technology transfer, as reflected by licensing of intellectual property.

School of Electronic Engineering

The School of Electronic Engineering is a research-intensive school that is home to key researchers in research centres such as CONNECT, Entwine, Insight, and I-Form, in addition to particular strengths in optical and terahertz research, semiconductor characterization, communications, computer vision and medical imaging. The School provides a supportive environment for research, and its PhD research students and postdoctoral researchers produce work of significance at both national and international level. With close industry links, the School's teaching and research programmes reflect the current and anticipated needs of Ireland's industrial and commercial sectors, while at the same time meeting the most rigorous national and international academic standards. For further information, visit: https://ece.eeng.dcu.ie

Role Profile

The position holder will report to the Head of School and work closely with other colleagues, including the School Teaching Convenor, the 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, are important aspects of this role.

The appointee will be expected to assist the School, in partnership with the School of Law and Government in the Faculty of Humanities & Social Sciences, in implementing an innovative curriculum project, specifically:

- developing and delivering a new Bachelor's programme, the BSc in Global Challenges, ensuring an industry engaged, research-led approach, integrating challenge-based learning, digital tools, hybrid delivery and inter-disciplinary assessment;
- broader implementation of teaching approaches into other target programmes in the School;
- engaging with university-wide elements of the initiative including cross-faculty cooperation, project evaluation and reporting.

The role includes research and scholarship, teaching, supervision of laboratory sessions, student mentoring and supervision of taught and research projects.

Duties and Responsibilities

Please refer to the job description for a list of duties and responsibilities associated with this role.

Qualifications and Experience

- Applicants must hold an honours degree in a relevant discipline and should be qualified to a postgraduate level with a PhD specialism in Electronic and Computer Engineering, or a related discipline.
- The successful candidates should ideally have a minimum of three years' relevant post-doctoral experience.
- 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 in one or more of the areas listed above.
- 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.

Further Information
More information on the School of Electronic Engineering and its programmes can be found at:
https://www.dcu.ie/electronics .

Essential Training
The post holder will be required to undertake the following essential compliance training: Orientation, Health & Safety and Data Protection (GDPR). Other training may need to be undertaken when required.

Salary Scale: Assistant Professor (Lecturer Above Bar) €55,252 - €88,547

Appointment will be commensurate with qualifications and experience and in line with current Government pay policy

Closing date: Thursday 26th May 2022

For more information on DCU and benefits, please visit Why work at DCU?

Informal Enquiries in relation to this role should be directed to:
Professor Noel O'Connor, School of Electronic Engineering, Dublin City University.
Email: noel.oconnor@dcu.ie
Please do not send applications to this email address, instead apply as described below.

Application Procedure:

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

Applications should be submitted by e-mail with your completed application form to
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.46 Assistant Professor in Electronic & Computing Engineering.