December 2020

Applications are invited from suitably qualified candidates for the following position

Assistant Professor in Electronic & Computing Engineering x 2 posts
School of Electronic Engineering
Faculty of Engineering & Computing
Fixed Term Three Year Contract

Introduction
Dublin City University (www.dcu.ie) is a young, dynamic and ambitious University with a distinctive mission to transform lives and societies through education, research and innovation. We are a research-intensive, globally-engaged institution, distinguished by both the quality and impact of our graduates, and focus on the translation of knowledge into societal and economic benefit. Excellence in education and research activities has led to DCU's consistent presence in the rankings of the world's top young universities.

Over its relatively short history has developed a strong reputation nationally and internationally for pioneering innovations in higher education. The university is embarking on a period of significant investment in learning innovation across all of its Faculties. This initiative will help us transform the learning experience of undergraduate students at DCU, reconceptualizing learning opportunities, creating authentic connections between the classroom and enterprise, and embedding digital literacies, disciplinary competencies and transversal skills required to truly future-proof our graduates for the rapidly changing workplace. DCU is joined in this project by a strong consortium of enterprise partners, representing key employment sectors in the Irish economy and with a strong presence in DCU's primary catchment area. This programme of innovation is funded under the Irish Government's Human Capital Initiative (HCI) supported by the National Training Fund. It will deliver on the ambitions we have to reimagine undergraduate curricula and to embed innovative pedagogies, enhanced use of technology and deep industry engagement.

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, and 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: ece.eeng.dcu.ie

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.

The Role

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

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

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

Duties & Responsibilities

Please see job description for full list of duties and responsibilities.

Applicant Requirements

- Applicants must hold an honours degree in a relevant discipline, and should be qualified to a post-graduate 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 following areas: IoT devices for Smart Healthcare, Nanoelectronics for Sustainability Applications.
- 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 .

Mandatory Training
The post holder will be required to undertake the following mandatory training: Orientation, GDPR and Compliance. Other training may need to be undertaken when required.

Salary Scale: Assistant Professor (Above Bar) *€54,163 - €86,182
Appointment will be commensurate with qualifications and experience, and will be made on the appropriate point of the relevant salary scale in line with current Government pay policy.

Closing Date: Thursday 7th January 2021

Informal enquiries to: Associate Professor Jennifer Bruton, Head of School of Electronic Engineering, Dublin City University, Dublin 9. Email ee.queries@dcu.ie
Do not send applications to this address. Instead, apply using the procedure set out below.

Application Procedure: Application forms are available from the DCU Current Vacancies website at https://www.dcu.ie/hr/vacancies/current.shtml

Applications must be submitted by e-mail to hr.applications@dcu.ie

Please clearly state the role that you are applying for in your application and email subject line: Job Ref #BC0612/0613 Assistant Professor in Global Challenges

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