



Dublin City University
Faculty of Engineering and Computing
School of Electronic Engineering
Lecturer in Electronic Engineering

Introduction

Dublin City University (www.dcu.ie) is a research-intensive, globally-engaged, dynamic institution that is distinguished by both the quality and impact of its graduates, and its focus on the translation of knowledge into societal and economic benefit. DCU prepares its students well for success in life, and in the workplace, by providing a high-quality rounded education appropriate to the challenges and opportunities of the 21st century.

Excellence in its education and research activities has led to DCU's consistent presence in the rankings of the world's top young universities. It has been placed in the top 50 international universities under 50 years old in the QS 'Top 50 Under 50' rankings for the past four years.

DCU has a strong track record in attracting both Irish and European Union funding under FP7, Horizon 2020, Marie Curie Actions and Erasmus. We offer a dynamic and internationally focused environment in which to advance your academic career.

The School of Electronic Engineering is a research-intensive school that is home to key researchers in research centres such as Insight, Entwine, and Déantús, in addition to particular strengths in Optical and Terahertz frequency research, in semiconductor characterization, in communications, and in Computer Vision and Medical Imaging. The School also has strong innovative degree offerings at undergraduate and postgraduate levels. The Electronic and Computer Engineering BEng degree (ece.eeng.dcu.ie) is a four-year programme, with integrated work experience, and state-of-the-art Majors in Systems and Devices, High-Speed Communications, Digital Interaction, and the Internet of Things (IoT). The Electronic and Computer Engineering MEng degree is a highly flexible offering that allows participants to personalise a taught Masters programme based on preferred focus areas. With a range of over twenty modules from which to choose, the programme is highly customisable, including the option of specialising in one of four areas: Nanotechnology, Advanced Data Networks, Internet of Things (IoT), and Image Processing and Analysis. See: ece.eeng.dcu.ie for more details.

The Role

The appointee will be expected to contribute directly to the Electronic and Computer Engineering degree programmes through research-led teaching, supervision of laboratory sessions, student mentoring and supervision of capstones projects. Specifically the successful applicant will be required to (*inter alia*):

- Participate widely in School activities and contribute to the development of the School's profile in teaching and research.

- Pursue an active research agenda with ongoing research publications in leading international academic journals, peer-reviewed conferences, and with high profile book publishers, both individually and, where appropriate, in collaboration with colleagues in DCU and elsewhere.
- Deliver course content to students, including lectures, laboratories and tutorials at undergraduate and postgraduate levels in a manner consistent with DCU's high academic standards.
- Develop resources required to facilitate student learning.
- Set and assess examinations and continuous assessment materials.
- Use a wide range of learning and teaching methodologies and assessments which foster a positive and supportive learning environment for students.
- Work proactively in improving existing courses and programmes, and contribute to the design and development of new courses and programmes.
- Contribute to team effectiveness, leadership/management and administration.

Applications are specifically invited from those with strong research credentials and publication record, particularly in the research areas of: energy efficiency for electronic systems and devices, smart metering, and RF digital communications. Applicants must also have two or more years teaching expertise at undergraduate and/or postgraduate level in a number of the following subject areas: Sustainable Electronic Engineering, Embedded Systems, Computer Architectures, and Engineering Mathematics. Applicants should be willing to travel to our partner institutions in Europe and China to deliver programme content.

Job Requirements

- Must hold an honours degree in a relevant discipline, and be qualified to a post-graduate level with a PhD specialism in Electronic Engineering or a related discipline.
- Teaching experience, ideally including experience in international and/or online or technology-assisted teaching.

Application Procedure

Informal enquiries to the Head of School of Electronic Engineering: ee.head@dcu.ie

Salary Scales:

Lecturer above bar: €51,159 - €79,147*

Lecturer below bar: €38,352 - €52,724*

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

Application forms are available from: www.dcu.ie/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 E-mail: hr.applications@dcu.ie

Applications should be submitted by email to hr.applications@dcu.ie or by Fax: +353 (0)1 7005500 or by post to the Human Resources Department, Dublin City University, Dublin 9.

Please clearly state the role that you are applying for in your application and email subject line: Job Ref # 592 Lecturer in Electronic Engineering

Application Deadline:

14th July 2017

Further information:

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