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

Postdoctoral Researcher in Mechanical and Electronic Prototyping (Level 1)
DCU Water Institute
Fixed Term 19 months

Duties and Responsibilities:

For a full list of duties and responsibilities please see the job description.

This position is open to candidates who meet the following criteria:

**Essential Criteria**
- B.Eng. in Mechatronic Engineering, Mechanical and Electric Engineering or similar

**Desirable Criteria**
- Analogue and digital PCB design
- Mechanical design (Solid Works, CAD)
- Programming Languages: Embedded C, Java, Visual Basic
- Experience in working with marine systems, marine deployments or marine sensors
- Good analytical skills and computer skills
- Evidence of excellent organizational and communication skills
- Evidence of excellent time management skills
- Experience with sensor systems for water monitoring is an asset
- High levels of initiative, self-management, achievement-orientation, and motivation are encouraged

Candidates will be assessed on the following competencies:

- **Discipline knowledge and Research skills** – Demonstrates knowledge of a research discipline and the ability to conduct a specific programme of research within that discipline and in collaboration with industry partners.
- **Understanding the Research Environment** – Demonstrates an awareness of the research environment (for example funding bodies and key industry players) and the ability to contribute to grant applications
- **Communicating Research** – Demonstrates the ability to communicate their research with their peers, with industry partners, and with the wider research community (for example presenting at conferences and publishing research in relevant journals) and the potential to teach and tutor students
- **Managing and Leadership skills** - Demonstrates the potential to manage a research project including the supervision of undergraduate students and to meet industry partner expectations regarding project turn-around times.

**Salary:** €37,874 - €40,221
**Closing Date:** 3 January 2020

**Application Procedure**

**Informal enquiries to:** Professor Fiona Regan, Director, Water Institute, DCU, Dublin 9, Ireland.  
E-mail: Fiona.regan@dcu.ie

*Please do not send applications to this email address, instead apply as described below.*

Application forms are available from the DCU Current Vacancies (open Competitions) website at http://www.dcu.ie/vacancies/current.shtml and also from the Human Resources Department, Dublin City University, Dublin 9. Tel: +353 (0) 1 7005149.

Please clearly state the role that you are applying for in your application and email subject line: **RF1281A Postdoctoral Researcher in Mechanical and Electronic Prototyping (Level 1)**

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.

**Dublin City University is an equal opportunities employer and is committed to promoting gender equality reflected in its attainment of the Athena SWAN Bronze Award. Information on a range of university policies aimed at creating a supportive and flexible work environment are available at** [www4.dcu.ie/policies/policy-starter-packs.shtml](http://www4.dcu.ie/policies/policy-starter-packs.shtml)