



Research Assistant
Advanced Processing Technology Research Centre
School of Mechanical and Manufacturing Engineering
9 Months Fixed Term 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 and Manufacturing Engineering is a research-intensive school that is home to internationally recognised researchers in research centres such as APT Centre, I-Form, Biodesign Europe, INSIGHT, ESIPP, The Water Institute and Water is Life in addition to particular strengths in Biomedical Engineering, Advanced Manufacturing and Sustainable Systems Engineering. The School also has strong degree offerings at undergraduate level including Biomedical Engineering, Mechanical and Manufacturing Engineering and Mechatronic Engineering (in conjunction with the School of Electronic Engineering). At postgraduate level, the school offers a taught Masters programme in Mechanical and Manufacturing Engineering and a vibrant doctoral programme.

The Advanced Processing Technology Research Centre (APT) focuses on state-of-the-art research activities in the areas of Production Technology, Product Design & Sustainability, Micro and Nano Systems Technology, Advanced Materials Engineering and Bio Systems. The APT is a leading international research centre which as a primary goal strives to provide significant translational benefit to the wider community. Research projects undertaken within APT are conducted to a world class level and support local and internationally based enterprises. The APT research group has established a strong infrastructure of equipment and people in the area of processing technologies at DCU. APTs education and outreach events include seminars and courses which enable the transfer of processing technologies knowledge to the broader community.

Role Profile

The APT Centre is now seeking to appoint a Research Assistant to join the team. The Research Assistant will work on an Erasmus+ funded project “Introduction of Innovative Practices and Methodologies for Effective Teaching and Industry-Academia Linkages in Pakistan and Malaysia”. The Research Assistant will work on a range of activities in this project in close collaboration with project partners from Italy, Pakistan and Malaysia.

The Research Assistant will report directly to Dr. Inam Ul Ahad and will work closely with APT Centre research team.

Principal Duties and Responsibilities

The duties and responsibilities of the Research Assistant include but are not limited to the following:

Project Management

- Support and coordinate project management activities, including preparing reports and tracking progress.
- Participate in the development and implementation of a quality assurance plan.
- Coordinate with Quality Enhancement Cells in partner country Higher Education Institutions (HEIs).
- Participate in relevant project committees and meetings.

Curriculum Development

- Provide assistance in the development of new modules for undergraduate and postgraduate programmes.
- Review course materials and provide feedback to project partners on areas for improvement.
- Support and facilitate project partner HEIs in accreditation of modules.
- Prepare and execute training programmes for project partner HEIs.

Reporting and Communication

- Prepare and review annual reports.
- Prepare deliverables assigned to DCU project team.
- Participate in the development of electronic platform for project partner HEIs.

Other Responsibilities

- Support industry-academic and government triple-helix group activities.
- The above list is not exhaustive and other duties may be assigned as necessary.

Qualifications, Skills and Experience Required

Candidates must have bachelors, masters or equivalent degree in Engineering or related disciplines. In addition, the ideal candidate will:

- Have proven track record in education delivery in a higher education institute.
- Demonstrated experience in module development, assessment development and delivery at undergraduate and/or postgraduate level.
- Demonstrated experience of working in multi-disciplinary fields.
- Be able to support programme accreditation activities.
- Previous experience participating in programme accreditation visits.
- Be self-motivated, well organised, able to plan, coordinate and progress tasks on their own initiative.
- Be reliable and demonstrate a flexible positive attitude.

Essential Training

The postholder 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.

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](#)