Maynooth University

**National University
of Ireland Maynooth**

Maynooth University
Ollscoil Mhá Nuad

Department of Electronic Engineering
Professor and Head of Department

The Role

Maynooth University seeks an outstanding academic to join our staff as Professor of Electronic Engineering. The person appointed will have an excellent record in research, scholarship and publication, in teaching and educational innovation, and in academic leadership. She/he will be expected to make a strong contribution to the teaching, research and profile of the university, and to provide ongoing leadership for the discipline of Electronic Engineering.

Applications are welcomed from outstanding researchers with a track record of high achievement in any area of Electronic Engineering.   We would particularly welcome candidates who could assist the Department's in its strategic objective to grow the area of robotics and intelligent devices.

Maynooth University is committed to a strategy in which the primary university goals of excellent research and scholarship and outstanding education are interlinked and equally valued. Professors will be expected to provide significant intellectual leadership, through a demonstrated commitment to both education and research, and also to contribute to the effective leadership and management of the department, the faculty and the university.

Principal Responsibilities

A Professor of the University is expected to:

- Be an international leader in research and scholarship and contribute to the advancement of knowledge in the field;
- Provide leadership in research and scholarship within the Department, Faculty and University;
- Promote excellence in teaching and learning, and encourage innovation in teaching and learning amongst staff;
- Contribute to the teaching of undergraduate and postgraduate students, including lecturing, consultations with individual students, and supervision of research students;
- Contribute to the development of the curriculum and academic programmes within the discipline and more generally;
- Assume responsibilities for management and administrative tasks associated with the Department, Faculty and University;

Athena SWAN Bronze Award

GENDER CHARTER

- Be an active member of the University and contribute to the work of the University in outreach, collaboration, internationalisation, engagement and policy development.

Professors of the University are required to serve as Head of Department when requested to do so by the President. The person appointed to this role will be expected to serve as Head of Department for an initial period of at least five years and for regular periods thereafter, as determined by the President.

The ideal candidate will have:

- An outstanding record of research and scholarship, reflected in an excellent publication profile;
- An outstanding academic record as a university teacher and an educational innovator;
- The capacity to offer strong academic leadership within the department and across the University;
- Demonstrated management and administrative skills;
- Excellent interpersonal and communication skills;
- The ability to build effective relationships with a wide variety of internal and external colleagues.

The University

Maynooth University is one of the four constituent universities of the National University of Ireland and in 2019 was placed in the global top 50 universities under 50 years old in the Times Higher Education World University Rankings. Formally established as an autonomous university in 1997, but tracing its origins to the foundation of the Royal College of St. Patrick in 1795, Maynooth University draws on a heritage of over 200 years' commitment to education and scholarship. It is located in the University town of Maynooth, 25km from the centre of Dublin, Ireland's capital city.

The University is a modern institution - dynamic, research-led, engaged, and grounded in the traditions of liberal education. With more than 12,000 students, Maynooth is Ireland's fastest-growing university, yet we retain a collegial campus culture that is central to our ability to bring significant interdisciplinary expertise to bear in tackling some of the most fundamental challenges facing society today. MU has a distinctive disciplinary profile compared to other universities in Ireland, with research and teaching strengths in humanities and social sciences, science, electronic engineering, business, law and teacher education. The University has major research institutes and centres in the areas of: humanities;, social sciences; mathematics, computation and communication; human health; business and service innovation; climate change; and Geocomputation.

The University has, under the *University Strategic Plan 2012-17*, further enhanced its capacity and reputation for research, transformed its undergraduate curriculum, grown postgraduate enrolments and become even more international, diverse and engaged. MU makes, and is seen to make, an important and distinctive contribution to our national system of higher education.

Maynooth University is now embarking upon a new and exciting phase with the development of the *University Strategic Plan 2018-22,* with a vision to consolidate the international reputation of Maynooth University "*as a university known for outstanding teaching, excellent research, a global outlook, effective engagement with the society we serve, and our distinctive approach to the challenges facing modern higher education.*"

The *University Strategic Plan 2018-22* builds on the institution's strengths and accomplishments, concentrating energy and resources on further development in research and postgraduate education. The strategy focuses on:

- targeted investment in research capacity in a number of priority areas;
- extending the postgraduate portfolio and growing the postgraduate community;
- realising the full benefits of our innovative undergraduate curriculum;

2

- enhancing the student experience;
- comprehensive and ethical internationalisation;
- equality diversity inclusion and interculturalism as enablers of academic excellence

These strategic goals are underpinned by a commitment to invest, first and foremost in people and opportunities for their development and success, and also in the systems and infrastructure required to achieve scholarly and educational objectives.

Faculty and Research Institutes

The Faculty of Science and Engineering comprises eight Departments. The role of the Faculty is to co-ordinate the academic activities of individual departments, to oversee the strategic development of departments and to support interdepartmental programmes. The University has also developed a number of interdisciplinary institutes to support excellent research and to build research capacity across disciplines.

Department of Electronic Engineering

The Department of Electronic Engineering was established in 1999 and operates within the rich and diverse electronic engineering sector in Ireland. The Department offers accredited undergraduate degrees in electronic engineering. In addition, in partnership with the Department of Computer Science, the Department offers a BSc degree programme in Robotics and Intelligent Devices. The Department also provides a Masters programme in Electronic Engineering (Embedded and Wireless Systems).

The Department of Electronic Engineering has a vibrant research activity with over 30 PhD students working in the areas of radio and wireless communications, analog and digital signal processing, microelectronics, biomedical engineering, control and dynamical systems, and ocean energy systems. The Department continues to be very successful in attracting research funding from national and international agencies as well as from industrial partners. Members of the Department have leading roles in two National SFI Centres: CONNECT - the Centre for the Internet of Things; and MAREI – the Centre for marine and renewable energy.

Further information on the Department of Electronic Engineering is available at
https://www.maynoothuniversity.ie/electronic-engineering

Selection and Appointment

- Only shortlisted candidates will be invited to attend for interview;
- Candidates will be required to make a brief presentation to staff within the University as part of the selection process;
- Appointments will be made by the President based on the report of the selection board;
- It is anticipated that interviews will be held in July 2020;
- The appointment is expected to be effective from 1st October 2020;

Terms and Conditions

The appointment will be made at Professorial level, of which there are two: Professor A and Professor B. The professorship will be a permanent appointment to the academic staff and subject to the Statutes of the University.

Equality and Diversity

Maynooth University values the enrichment that comes from a diverse community and seeks to promote equality, prevent discrimination and protect the human rights of each individual. To learn more about our commitment to Equality and Diversity, please read the Maynooth University Equality and Diversity Policy. Additionally, as an Athena SWAN Bronze Award Institute, we are committed to advancing gender equality across the University.

We aim to reflect the diversity of the community we serve and welcome applications from all individuals.

Data Protection Law

Maynooth University will process any personal data provided by you in connection with an application for this role in accordance with the General Data Protection Regulation and the Data Protection Acts 2018.

If your application is successful and you accept an offer of employment at Maynooth University, then your personal data will continue to be processed in accordance with Maynooth University's Staff Data Privacy Notice.

Both the privacy notices and further information relating to data protection, including Maynooth University's other data protection policies and processes, can be viewed at https://www.maynoothuniversity.ie/data-protection

Salary

Professor A (Post 1995):   €117,915 – €151,475 p.a. (6 points)
Professor B (Post 1995):   €86,118 – €114,236 p.a. (6 points)

Appointments will be made in accordance with the Department of Finance pay guidelines.

The decision to appoint as Professor A or Professor B is made by the President based on the report of the Selection Panel and the experience and track record of the successful candidate. To be appointed at Professor A level, the successful candidate will have an excellent record of published work of international quality and demonstrated leadership in their field, will be an excellent teacher and academic innovator, and will normally have experience and demonstrated capacity in administrative as well as academic leadership.

Application Procedure

Closing Date:

23:30hrs (local Irish time) on **Sunday, 31 May 2020**

Please note all applications must be made via our **Online Recruitment Portal** at the following link:

https://www.maynoothuniversity.ie/human-resources/vacancies

Applications must be submitted by the closing date and time specified above. Any applications which are still in progress at the closing time on the specified closing date will be cancelled automatically by the system.

Late applications will not be accepted.

Maynooth University is an equal opportunities employer

The position is subject to the Statutes of the University