Technology Gateway Manager (Kerry Campus)

The IMaR (Intelligent Mechatronics and RFID) Research Centre at MTU Kerry is an applied research centre delivering expertise in the areas of hardware (mechatronics, robotics, control systems), software (data management and intelligent systems), IoT (RFID, Sensors) and data analytics for increased productivity in the manufacturing, agriculture and process sectors to our regional industry partners. The **IMaR Enterprise Ireland Technology Gateway** is IMaR's outward facing business development arm which engages with and provides research and development support for Irish industry with specific focus on the manufacturing, agritech and process sectors.

The principal theme of IMaR is the synergy between mechanical, electronic, RFID and IIoT technologies for industrial applications in the highly technological manufacturing industry driven by new technology, innovation and global demand. The research activities within IMaR ranges from the development and integration of mechatronic and embedded systems, sensors, automation, instrumentation, Industrial Internet of Things (IIoT), to developing complete software solutions for intelligent systems.

The overall mission of the IMaR Technology Gateway is to be industries partner of choice for the provision of innovative applied and advanced research. The IMaR Technology Gateway currently serves a cross section of industries including Automotive, Telecommunications, Pharmaceutical, Production / Manufacturing, Aeronautical, Environmental and Agri-business, and the Gateway has extensive experience of managing scientific projects at both a national and international level.

Enterprise Ireland in partnership with the Institutes of Technology's has established a nationwide network of 15 Enterprise Ireland Technology Gateways. The IMaR Technology Gateway is funded by Enterprise Ireland under the Technology Gateway Programme and houses state-of-the-art research facilities. The IMaR Technology Gateway within the IMaR Centre provides:

- Technology solutions for the close-to-market needs of Irish industry;
- An open access point providing technology expertise which is industry relevant;
- A portal to wider expertise on a national level through the Technology Gateway Network of Centre.

The IMaR Research Centre is part of the Munster Technological University (MTU) which was established on the 1st of January 2021. MTU is a multi-campus technological university, contributing to the region through the provision of academic programmes that support student development and opportunities, education and research. Partnering with industry and community, MTU invests in the future with state-of-the-art research, education, enterprise, cultural and sports facilities. MTU has an extensive regional footprint with six campuses across the South-West region in Cork and Kerry.

Job Role and Description

The Technology Gateway Manager will drive the industry collaboration activity and commercialization focus of the Gateway. S/he will be responsible for promoting, securing and successfully delivering on the targeted level of industrial collaborative projects. The role will involve managing the industrial engagement process with Irish industry, new business development and working closely with the IMaR team, to develop and implement strategies to further progress IMaR competencies through delivering world class research for industry, as well as driving the basic applied research portfolios for each respective strand within the IMaR Technology Gateway. The IMaR Technology Gateway Manager will report to the IMaR Centre Director, Enterprise Ireland and the IMaR Industrial Steering Committee. The post is tenable up to 31st December 2022.

Qualifications and Experience

- While an honours bachelor's degree in a Science or Engineering discipline is a minimum requirement, a masters or PhD is desirable.
- A minimum of 3-5 years industry experience in a relevant industrial environment.
- An ability to conceptualise and facilitate the development of commercial applications for research.
- Experience of working on industry focused innovative projects and the ability to translate the IMaR Technology Gateways technical skills into a technology offer that can deliver innovative solutions for industry partners.
- Extensive knowledge of current and emerging trends in technologies, techniques and approaches in electronic, mechanical or software engineering or related technical discline; scientific papers, patents and market intelligence on same.

Duties

The appointed candidate will be required to:

- Manage the IMaR Technology Gateway's research team and research centre facilities to develop opportunities for IMaR by locating, developing, defining, negotiating, and closing business relationships with IMaR Technology Gateway Industrial clients;
- Understand an industry need from a manufacturing perspective and to translate this need as a technology solution to industrial partners;
- Promote, secure and successfully deliver on the targeted level of industrial collaborative projects;
- Develop innovative industrial partnerships, integrating the IMaR Technology Gateway, its programs and activities into the fabric of the national research infrastructure, economic landscape and broader economic development goals and strategies;

- Provide introductions and networking opportunities to facilitate centre growth and development;
- Liaise collaboratively with the relevant inputs of MTU support functions e.g. the Offices of the Vice President for Research, Development and External Engagement, Vice President for Corporate Affairs and Enterprise Ireland;
- Interface with the Institutes Schools and Departments and with appropriate external organisations to facilitate integrated programmes of research, entrepreneurship, technology and knowledge transfer. In particular, facilitating and ensuring the Institute's academic staff are integral to and contribute to each research programme under the umbrella of the IMaR Technology Gateway;
- Provide detailed reports on Gateway activities and strategic planning upon request to MTU Kerry management, Enterprise Ireland and the IMaR Industry Steering Committee;

Salary

Salary scale €75,483 - €97,082 (depending on qualifications and experience)

Application Procedure

All applications must be made online at www.mtu.ie/vacancies

Location

This post is located at IMaR in the MTU Kerry, however travel will be required to collaborate with Industrial and Academic Partners in the development of research activity.

Informal Enquiries
Informal enquiries ONLY may be addressed to Prof. Joseph Walsh, email:
Joseph.Walsh@mtu.ie

Closing date for applications is 1.00pm on Friday 11th February 2022

Application received after the closing date will not be accepted