**PhD Scholarship Advertisement**

**Fully Funded PhD Scholarship in Sustainability Innovation Frameworks (Advanced manufacturing)**

J.E. Cairns School of Business, Public Policy, and Law

Applications are invited from suitably qualified candidates for a full time 4-year funded PhD scholarship starting in September 2024 affiliated to the School of Business and Economics/ Management Discipline at the University of Galway.

**University of Galway**

Located in the vibrant cultural city of Galway in the west of Ireland, the University of Galway has a distinguished reputation for teaching and [research excellence](https://www.universityofgalway.ie/our-research/) . The University is shaped by its shared vision and values of Respect, Openness, Sustainability and Excellence (<https://www.universityofgalway.ie/strategy2025/> ).

For information on being a student at the University of Galway see here more here <https://www.universityofgalway.ie/university-life/> .

For information on moving to Ireland please see [www.euraxess.ie](http://www.euraxess.ie)

**Detailed Project Description:** The candidate will work with the community of researchers in i-Form (<https://www.i-form.ie/>), which is a leading research center in the sustainable circular economy and digital transitions, focusing on product design, manufacturing, and supply chains. This is an interdisciplinary project and will engage with the broad range of i-Form researchers to support enterprises, particularly SMEs, to identify sustainable innovations through advanced manufacturing engineering solutions. The PhD candidate will develop a Sustainability Innovation Framework for Advanced Manufacturing and investigate the factors that influence positive sustainability behaviour in SMEs.

This role will be based at the J.E. Cairns School of Business, Public Policy, and Law at the University of Galway (<https://www.universityofgalway.ie/business-public-policy-law/>) , and in collaboration with the Advanced and Sustainable Manufacturing and Materials Engineeringresearch group ([www.asmme.ie](http://www.asmme.ie)). ASMME’s goal is to improve innovation and sustainability through the evolution of manufacturing, materials, and product design, working with a wide range of sectors such as aerospace, medical devices, energy, agriculture, and transport. We have a large network of collaborating, companies, institutes, and research centers (e.g. [www.i-form.ie](http://www.i-form.ie)) throughout Ireland and globally. This group also collaborates with colleagues and other groups across the University of Galway.

**The Ryan Institute@ University of Galway**

Advancing sustainability and innovation is central to the research activities of the Ryan Institute's Research Centres/Clusters and Research Groups. The Ryan Institute is engaged in research and partnerships that contribute to the majority of the 17 Sustainable Development Goals (SDGs), which need to be achieved both nationally and internationally between now and 2030. The Ryan Institute is a powerhouse for the inter-disciplinary research and innovation that is necessary to address the many sustainable development challenges facing society today, from both national to global scales. The Ryan Institute is a cross-cutting Research Institute of the University of Galway with research groups drawn from all Colleges across the University of Galway. Find out more here [www.universityofgalway.ie/ryaninstitute/](http://www.universityofgalway.ie/ryaninstitute/)

**Living allowance (Stipend):** €20,000 tax free stipend per annum.

**University fees**: Tuition fees paid for 4 years

**Start date**: Expected from 01 Sept 2024

**Academic Entry Requirements:** A primary degree (at least 2.1) in a relevant field e.g. industrial/systems/manufacturing engineering, business management (or other relevant field) with a fundamental knowledge of the manufacturing industry and sustainability. High level of spoken and written English. Please see link for details <https://www.universityofgalway.ie/international-students/studyinireland/entryrequirements/#:~:text=Entry%20Requirement%3A,5.5%20in%20any%20one%20component>

**To Apply for the Scholarship:** Expressions of interest comprising submission of a covering letter, CV, statement of personal research interests, evidence of performance or equivalent and the contact details of two referees, to be submitted via e-mail to [sinead.mitchell@universityofgalway.ie](mailto:sinead.mitchell@universityofgalway.ie)

**Contact Name:** Dr Sinéad Mitchell

**Contact Email:** [sinead.mitchell@universityofgalway.ie](mailto:sinead.mitchell@universityofgalway.ie)

**Application Deadline:** 28/06/2024  **at** 18:00.

**Primary Supervisor**: Dr Sinéad Mitchell, University of Galway.

**Secondary Supervisor**: Dr Lorna Fitzsimmons of Dublin City University.