

Teaching Fellow. Faculty of Engineering.

Salary details: £48,000- 65,750 GBP/year.

For UK and European Citizens. *UK Settled Status Required.

Closing Date:15 July 2026.

As a Teaching Fellow, you will contribute to mechanical engineering teaching within a team of 7 teaching fellows and 46 academic staff, supporting around 600 undergraduate and 150 taught postgraduate students. Duties include lectures, tutorials, practical's, coursework organisation, demonstrations, assessment and feedback.

What we are looking for

We are seeking exceptional Mechanical Engineering educators who:

- Have an undergraduate degree in Mechanical engineering
- Have a PhD in a related discipline, or equivalent industrial experience
- Are capable, confident and articulate communicators and teachers
- Have a strong track record of teaching in higher education or delivering high-quality industrial training
- Have a broad and deep knowledge of core mechanical engineering subjects
- Can take initiative, prioritise effectively and work autonomously

Expertise in process safety, reaction engineering, design, nuclear chemical engineering or multiphase transport processes is welcome but not essential.

Continue your career at a world-leading institution, sharing your passion and inspiring the next generation.

Access Educational Development Unit, offering tailored support for your teaching development.

Join a diverse, innovative teaching community that values research-led education.

Benefit from a sector-leading salary and package, including 41 days off a year and generous pension schemes.

Teaching Fellows receive 10 development days to build their practice.

Be part of an inclusive, collaborative culture with staff networks and wellbeing resources.

Further information

This is a full-time post (35 hours per week).

This role is for a fixed-term contract for 24 months.

Only candidates with a Master's degree or PhDs should apply. The candidate should have a strong interest in experimental and computational mechanics of composite materials and should be enthusiastic to work in a collaborative project between industry and academia. The candidate should also be willing to travel regularly to other European countries for experimental testing campaigns at different partners.

Email: eddy@eddymotorcycleconsultants.com

Vacancy 1: PhD (4 years) on Design, Manufacturing and Testing of Composite Propellers for Underwater Drone Applications.

Funding Details: €60.000 EUR/year.

Funding Maximum: €80.000 EUR/year.

Net salary of €2700 per month (after taxes and social security costs).

For UK and EU Citizens Only. *Willing to Learn Dutch.

Closing Date: 31 August 2026.

The research group Mechanics of Materials and Structures in Belgium has a vacancy for PhD research in the field of mechanics of materials. The vacancy is linked to research on composite hydrogen tanks, mine counter-measure drones and snap fit joints in constructions. All positions have a duration of 4 years and are fully funded (projects already granted). All research will be conducted with leading companies in the field.

It is combined with a very low tuition fee, limited to a once-only tuition fee of 1100 EUR at the start of the PhD.

Part of a European project on next generation propellers for underwater drones. Such underwater drones are becoming increasingly important in mine counter measure applications and surveillance tasks. They are sent out by the mother ship and can sweep mines or inspect critical maritime infrastructure. In this project, the propellers will be made of composite materials and should sustain all mechanical loads in-service. The consortium consists of a large group of European defence companies and research institutes.

The research tasks at Belgium Universities involve several aspects:

- (i) design and finite element simulation of different propeller geometries and material configurations,
- (ii) optimization of material choices and manufacturing processes,
- (iii) mechanical characterization of the built propellers.

The PhD researcher will interact with the different partners in the European project, also with the research partner at the Royal Military Academy in Belgium, who is doing the Computational Fluid Dynamics (CFD) simulations to estimate the hydrodynamic loads on the propellers.

Only candidates with a Master's degree should apply. The candidate should have a strong interest in experimental and computational mechanics of composite materials and should be enthusiastic to work in a collaborative project between industry and academia. The candidate should also be willing to travel regularly to other European countries for experimental testing campaigns at different partners.

Email: eddy@eddymotorcycleconsultants.com