Research Assistant – Online Class Developer

Department	Design, Manufacture and Engineering Management (www.strath.ac.uk/engineering/designmanufacturingengineeringmanagement/)		
Faculty	Faculty of Engineering (www.strath.ac.uk/engineering/)		
Staff Category	Research	Reference No	635794
Reports To	Professor Ijomah	Grade	6
Salary Range	£31396 - £34980	Contract Type	Fixed Term (3 Months)
FTE	0.6 (21 hours/week)	Closing Date	05/09/2024
Holidays	27 days + 11 statutory days Option to purchase additional holidays.	On Site Facilities	Car parking, sports centre, catering.
Pensions	Contributory pension scheme available to all staff including generous employer contribution.		
Training	Professional Development with Organisational and Staff Development Unit (OSDU) plus external training if required.		
Family Friendly Benefits	Generous parental leave provision, on-campus nursery and options for flexible working.		
Health and Wellbeing	University Sport centre, Occupational Health service, access to health and wellbeing events, cycle to work scheme, Employee Assistance Programme, agile working and established carers support network and carer friendly policies.		

Job Advert

This is post is part of an ongoing project aimed at transferring understanding of sustainable manufacturing and Circular Economy to Developing Nations. This post focusses on a sustainable manufacturing strategy called remanufacturing. The concept of remanufacturing is poorly understood but critical to industrial sustainability for both Developed and Developing Nations. The post task is to develop an engaging, interactive online education/ training to enable the transfer of remanufacturing knowledge to Developing Nations in order to assist their sustainable industrialisation. Material that may be useful for the online class development (e.g. traditional education materials such as remanufacturing lecture ppt slides and information) are available from the post line manager, who can also provide UK-based remanufacturing companies and policy personnel that may be approached for research information and to dry run and assess the developed online education/ training. The post involves some research, teaching and marking. Initially, the post will be 3 days per week for 3 months with potential for extension at the end of this initial period.

Research Starter Grant

The Faculty of Engineering offers a Research Starter Grant to all new full-time, non-professorial, academic staff within the Faculty. The Grant may be used for any purpose that assists staff to establish their Strathclyde research career and to assist in attracting additional funding for research from external sources. Any grant awarded will be to a maximum of £10,000, and the planned expenditure of the award is normally for a period of 18 months. Departments may, however, add to the value of this award.

Job Description

Main Activities/Responsibilities:

1.	Reviewing existing class material with line manager
2.	Researching the target audience to better understand their educational/ training need
3.	Exploration/Research to assess and understand the learning to be transferred by the required online class by engaging with line manager and relevant stakeholders to
4.	Exploring/researching how a suitable more interactive and adaptable education/ training that meets requirements and learning needs can be delivered by the online class, including class structuring and strategies to measure learning outcomes .
5.	Incorporating multimedia elements into a teaching/education material in order to enhance student engagement
6.	Report writing
7.	Assisting with teaching and marking

Person Specification

Educational and/or Professional Qualifications
(E=Essential, i.e. a candidate must meet all essential criteria to be considered for selection, D=Desirable)

D1 Education qualification

E1 Relevant qualification/ certification e.g., IT systems, computer science, instructional design or proven experience, Engineering, Management

E2 Some understanding of sustainable manufacturing and the Circular economy.

D2 Some understanding of Remanufacturing/ reverse logistics

Experience

E3 Experience in creating engaging and interactive learning experiences.

E4 Experience in developing online courses

D3 Teaching/ research experience

Job Related Skills and Achievements

E5 skills in video production, graphic design, audio editing, and other multimedia tools

E6 Proven expertise/track record in developing online courses

E7 Ability to work industry and academia

D4 Teaching/ research

D5 Report writing

Personal Attributes

E8 Good inter-personal skills

E9 Good communication skills (both writing and verbally)

E10 Ability for independent work

E11 Ability for group work

Other Relevant Factors

E12 Interest in transferring knowledge

E13 Interest in sustainable manufacturing

Application Procedure

Applicants are required to complete an application form including the name of three referees who will be contacted without further permission, unless you indicate that you would prefer otherwise. Applicants should also submit a Curriculum Vitae and a covering letter detailing the knowledge, skills and experience you think make you the right candidate for the job. Applicants should also complete the Equal Opportunities Monitoring Form.

Other Information

Further information on the application process and working at Strathclyde can be found on our website (http://www.strath.ac.uk/hr/workforus).

Informal enquiries about the post can be directed to Winifred Ijomah Professor (w.l.ijomah@strath.ac.uk) (07984874850).

Conditions of Employment

Conditions of employment relating to the Research staff category can be found at: **Conditions of Employment**.

Rewards and Benefits

Our staff have access to a wide range of outstanding benefits that include financial rewards, family friendly and wellbeing benefits and career development opportunities, details of which can be found here.

Probation

Where applicable, the successful applicant will be required to serve a **6 month** probationary period.

Pension

The successful applicant will be eligible to join the Universities' Superannuation Scheme. Further information regarding this scheme is available from **Payroll and Pensions**.

Relocation

Where applicable, the University offers a relocation package to support new employees who meet the eligibility criteria. The relocation package is offered as a contribution towards costs incurred, and is designed to be flexible, allowing staff to use the financial support available in the way that will be most helpful to them. Further details are outlined in the Relocation Policy.

Equality and Diversity

The University of Strathclyde is a socially progressive institution that strives to ensure equality of opportunity and celebrates the diversity of its student and staff community. Strathclyde is people-oriented and collaborative, offering a supportive and flexible working culture with a deep commitment to our equality, diversity and inclusion charters, initiatives, groups and networks.

We strongly encourage applications from Black, Asian and minority ethnicity, women, LGBT+, and disabled candidates and candidates from lower socio-economic groups and care-experienced backgrounds.

University Values

The University's Values capture what we're all about: who we are, what we believe in and what we stand for. Our Values have been derived from how we act and how we expect to be treated as part of Strathclyde.