



1 Advertisement

Post Title: Professor of Engineering

School/department: Engineering and Informatics / Engineering and Design

Hours: Full time

Requests for flexible working options will be considered (subject to business need).

Location: Brighton, United Kingdom

Contract: Permanent

Reference: 20120

Salary: Competitive

Placed on: 09 May 2023

Closing date: 24 July 2023. Applications must be received by midnight of the closing date.

Expected interview date: 23 August 2023

Expected start date: 02 October 2023

The Department of Engineering and Design, which is part of the School of Engineering and Informatics, seeks to appoint a Professor of Engineering to enhance the research and teaching within the department. This post will, in addition, be given lectureship support. We are a multi-disciplinary engineering department, offering courses in automotive, electrical and electrotonic, mechanical and robotics engineering, as well as in product design. The department has a strong reputation with mechanical engineering and product design areas being ranked within the top 15 in the country by the Guardian university guide in recent years. We carry out outstanding research in fluid mechanics, communications, and robotics. We are involved in highly multi-disciplinary projects spanning not only different areas in our own school, but also other schools within the university.

We are looking for a motivated, enthusiastic, and dynamic person with a strong research track record in one or more of the areas of acoustics, materials, or manufacturing, or to match our existing research strengths. If you have an excellent professional reputation in these fields, a passion for engineering education with a proven record as an outstanding educator, then please contact us. You will have a comprehensive research vision in your field and will be open to multi-disciplinary research. You will be leading our research in these fields by putting together and consolidating a research group which will contribute prominently to our next REF submission. We expect you to be a leading figure in the department by publishing high quality papers, obtaining significant funding for your research, demonstrating impact, and using innovative teaching methods and thus contributing to raising the standards in the department to even higher levels.

Exceptional candidates with research interests outside those mentioned above but who would fit within the department, school and university research strategy, are also welcome to apply.

Please contact Professor Romeo Glovnea, the Head of Department of Engineering and Design, for informal enquiries at R.P.Glovnea@sussex.ac.uk.

The University is committed to equality and valuing diversity, and applications are particularly welcomed from women and black and minority ethnic candidates, who are under-represented in academic posts in Science, Technology, Engineering, Medicine and Mathematics (STEMM) at Sussex.

“Please note that this position may be subject to [ATAS clearance](#) if you require visa sponsorship.”

For full details and how to apply see our [vacancies page](#)

The University of Sussex values the diversity of its staff and students and we welcome applicants from all backgrounds.

2. The School / Division

Please find further information regarding the school/division at [Engineering and Design : University of Sussex](#)

Job Description for the post of: Professor of Engineering

Department: Engineering and Design

School: Engineering and Informatics

Location: Falmer/Brighton

Grade: 10

Responsible to: Head of Department

Responsible for: N/A

3. Job description:

The post-holder is expected to show high academic standing, to make a broad and sustained contribution to their field and discipline nationally and internationally. They will demonstrate academic leadership in both research and teaching, and support the management and strategic planning processes of the Department, School and the University.

1. They will engage in high-quality research activity resulting in outstanding level of excellence publications, to be submitted to the REF at acceptable levels of volume; they will lead major research projects; they will consistently secure research funding and third-stream income; and play a key role in the development and implementation of the Department, School and University research strategy.
2. They will provide academic leadership in the design and delivery of innovative and high-quality teaching programmes.

3. They will also provide guidance, support and mentoring to junior members of staff working in the same or cognate research areas.
4. They will play a key role in supporting the management activities of the School and University, and to undertake a significant directorship role if required.

4. Person Specification

Essential criteria

1. Educated to doctoral level in a relevant discipline (see role-specific criteria below).
2. Experience of successfully leading large externally-funded research projects.
3. An international reputation in the field of study.
4. Successful and sustained track record of generating research and knowledge exchange income that is notable in terms of size and scope, and the translation of research results into practice.
5. In-depth knowledge of specialism to enable the development of new knowledge, innovation and understanding in the field.
6. Excellent interpersonal skills, with the proven ability to engage with students using a variety of different methods.
7. Excellent presentation skills, with the proven ability to communicate effectively, both orally and in writing, with students, colleagues and external audiences.
8. Significant experience of high-quality teaching at undergraduate and postgraduate level.
9. Successful track record of innovative curriculum design or redesign.
10. Significant track record of influential publications in reputable journals and other appropriate media of similar standing.
11. Successful track record of supervising postgraduate students.
12. Leadership and people management skills.
13. Commitment to collegiality and inter-disciplinary working.
14. Excellent organisational and administrative skills.
15. Ability to prioritise and meet deadlines.
16. A willingness to participate in support activities beyond normal teaching duties.

Essential role-specific criteria

1. A PhD in materials, manufacturing, mechanical engineering or associated fields.
2. Proven track record of successfully leading a research group.

3. Track record of outstanding research publications