



JOB DESCRIPTION

Job Title:	Two Lectureships (T&R) in Power/sustainability and in photonics
Department / Unit:	Electronic Engineering
Grade:	RHUL 8
Accountable to:	Head of Department
Accountable for:	
Purpose of the Post	
Lecturers are expected (a) to teach and supervise at undergraduate and postgraduate level, taking full responsibility for the design, management and delivery of their teaching and (b) to undertake research within one of the departmental research groups under the guidance of the Group Leader. They will also participate in departmental administration as requested by the Head of Department.	
Key Tasks	
<p>The key objectives and principal accountabilities for a lecturer are as follows:</p> <ol style="list-style-type: none"> 1. To design and deliver high quality teaching programmes including distance learning delivery as required. 2. To engage in individual and collaborative research activity resulting in high quality outputs that could be submitted to the Research Excellence Framework (REF) or its equivalent. 3. To hold a significant administration role in the department and to take part in College activities as required. 4. To play a role in external engagement and impact by contributing to the quality of life and/or the economy through application of subject expertise and knowledge in practice (i.e. commerce, school visits, open days, public institutions, industry, third sector). <p><u>Main Contacts</u></p> <p>Main contacts are students, other members of academic and administrative staff within the department and College and academics in the field in other institutions.</p> <p><u>Duties and Responsibilities of the Post</u></p> <ol style="list-style-type: none"> 1. Research and Scholarship 	

- 1.1. Develop research objectives and proposals for individual and/or collaborative research, with the assistance of an appropriate mentor if required.
- 1.2. Conduct individual and collaborative research projects in an area relevant to Electronic Engineering that fits within the Department's research group structure.
- 1.3. Produce high quality research outputs for publication in monographs, recognised high profile journals, policy documents, industry-related contexts or as performance/exhibition material as appropriate, and contribute positively to the department's REF submission.
- 1.4. Lead small research projects to include supervising the work of others and managing/monitoring a research budget.
- 1.5. Present work at conferences and/or exhibit work at other appropriate events.
- 1.6. Apply for research funding from relevant agencies.
- 1.7. To be active in Learned Societies and/or relevant Professional Bodies as appropriate.
- 1.8. Update knowledge and understanding in area of specialism and transfer this current knowledge into programmes and courses of study.
- 1.9. Supervise PhD and other research students in line with disciplinary norms.
- 1.10. Engage in continuous professional development.

2. Teaching, Learning and Student Support

- 2.1. Deliver high quality teaching across a range of programmes/ modules to all levels of student through lectures, tutorials, practicals and seminars. This may include distance learning theory and delivery.
- 2.2. Design and deliver sound and where appropriate innovative approaches to the learning experience for students with the intention of challenging preconceptions and fostering debate. Develop the ability of students to engage in critical discourse, articulate self expression and reasoned argument.
- 2.3. Plan and deliver high quality teaching using a range of techniques to inspire and engage students.
- 2.4. Identify learning needs of students and define appropriate learning objectives.
- 2.5. Design and develop own teaching materials, with guidance if required.
- 2.6. Supervise the work of students, including field trips / placements where appropriate.
- 2.7. Undertake and complete administrative duties required in the professional delivery of teaching.
- 2.8. Set, mark, and assess work and examinations; select appropriate assessment instruments and criteria; and provide constructive and comprehensive feedback to students.
- 2.9. Undertake Personal Tutor duties, and/or provide first-line support for sensitive issues, referring on as appropriate to services providing further assistance.
- 2.10. Adopt an approachable and accessible attitude towards students, offering office hours, informal advice etc.

3. Leadership, Enhancement, External Engagement and Impact

- 3.1. Attend and contribute to departmental and College meetings.
- 3.2. Assist with undergraduate and postgraduate recruitment.
- 3.3. Participate in department or College working groups or Committees, as required.
- 3.4. Attend departmental open days and applicant visit days (often on Saturdays)
- 3.5. Advise and provide support to less experienced colleagues as appropriate.
- 3.6. Build internal contacts and participate in internal networks for information, research purposes and to form relationships for future collaboration.
- 3.7. To participate in external networks, for example to identify sources of funding, contribute to student recruitment, be active in learned societies and or professional bodies, secure student placements, market the institution, facilitate outreach work, generate income, obtain consultancy projects, or build relationships for future activities.

4. Departmental Requirements

- 4.1 To engage with the 'creativity first science follows' ethos of the department.
- 4.2 To undertake laboratory class preparation and supervision as required.
- 4.3 To offer individual undergraduate project ideas and to supervise projects as required.
- 4.4 To undertake group creative project class preparation and supervision as required.

Other Duties

Undertake additional duties, as required by the Head of Department, consistent with the status and grading of the post.

The above list of duties may be adjusted in the light of the expertise of the appointed candidate.

As the needs of the College change so the above job profile, duties and location of the role within the College will be adjusted accordingly.