



Job Description

Job title	Reader
Department/School	Electronic & Electrical Engineering
Job family	Education and Research
Grade	9
Reporting to	Head of Department/Group
Responsible for	Any research staff/students
Location	University of Bath premises

Background and context

The Department of Electronic & Electrical Engineering is a successful and expanding department with approximately 30 academic staff. 91% of our research activity was graded as either world-leading or internationally excellent in the Research Excellence Framework 2014 and we have consistently achieved a high UK ranking in the National Student Survey.

The Department is committed to supporting excellence in both research and teaching. It offers a range of undergraduate programmes in electronic and electrical engineering (<http://www.bath.ac.uk/elec-eng>) and is currently expanding its taught postgraduate provision.

It is expected that the postholder will make a significant contribution to the expanding research in robotics and autonomous systems, both within the Department of Electronic & Electrical Engineering and also in other departments across the University.

The postholder will be expected to teach at undergraduate and postgraduate level, including the delivery of fundamental robotics engineering material in addition to modules at advanced level.

Job purpose

To lead research with international impact and profile; contribute to teaching at undergraduate and postgraduate level; supervise postgraduate research students, and undertake management and leadership duties commensurate with the role.

Main duties and responsibilities

The job duties and responsibilities listed below are intended to describe the general nature of the role. In exceptional circumstances jobholders may be required to undertake research and scholarship duties only e.g. where external funding has been secured for research.

The duties and responsibilities and the balance between the elements in the role may change or vary over time depending on the specific needs at a specific point in time, or due to changing needs in the department/group. Jobholders should note that there may not be an immediate requirement to carry out all the activities listed below.

1	Research & scholarship
a	Lead a research team as appropriate to the discipline, including supervision of research students and staff, ensuring the highest standards of ethics and integrity in research.
b	Lead collaborative research projects as appropriate to the discipline, normally at an international level, which may include international partners.
c	Attract substantial external funding to support research activity in collaboration with other Universities or organisations as appropriate to the discipline
d	Maintain a regular output of highest quality research which is published in leading research journals and national/international conferences or other outputs as appropriate to the discipline.
e	Present research at national and/or international conferences and/ or at other appropriate events.
f	Engage effectively in non-academic impact of research, including substantial knowledge or technology exchange and/or public engagement activities, involving a range of partnerships with external organisations.
g	Contribute to the development and implementation of research strategies in the Department/School.
2	Teaching
a	Deliver a wide range of effective and inclusive teaching and supporting learning activities
b	Assess the work and progress of students and provide them with constructive feedback.
c	Seek ways of improving performance by reflecting on teaching design and delivery and obtaining and analysing feedback.

d	Engage in professional development in relation to teaching, learning and assessment, including the use of an evidence-informed approach, which utilises the outcomes of research and scholarship, to enhance practice.
e	Contribute to outreach and/or Widening Participation activity within the Department, Faculty/School or University.
3	Management and leadership
a	Undertake specific leadership roles in the Department /Faculty e.g. Director of Studies, and contribute to institutional committees and working parties.
b	Manage and support colleagues with less experience and facilitate their academic and personal development.
c	Represent the Department in external relations as required.
d	Foster and develop internal or external networks of benefit to the Department /School /University

Person Specification

Criteria	Essential	Desirable	Examples measured by
Qualifications			
PhD or equivalent in relevant discipline	√		AF
UG degree in relevant discipline or equivalent qualification/experience	√		AF
Membership of professional body (e.g. IET, CEng)		√	AF
Experience/Knowledge			
Experience in providing research leadership	√		AF/Int
Excellent record of publications in leading peer-reviewed journals at a national and normally international level	√		AF/Int
Strong record of research funding as appropriate to the discipline	√		AF/Int
Demonstrates depth and breadth of understanding of subject matter at a complex conceptual level	√		AF/Int
Up to date knowledge of content and methods of teaching and /or supporting learning including the value and use of learning technologies	√		AF/Int
Skills			
Academic leadership	√		AF/Int
Ability to articulate a research vision and strategy for development, implementation and delivery of successful research projects	√		AF/Int
Excellent written and verbal communication skills including presentation skills	√		AF/Int
Excellent interpersonal skills, communication style and team working	√		AF/Int
Evidence of positive working relationships within the University, community, business and other partners	√		AF/Int
Attributes			
Commitment to excellence in research and teaching and to providing the highest quality experience for students	√		AF/Int
Commitment to working within professional and ethical codes of conduct	√		AF/Int

