



Job Description

Job title	Lecturer (Teaching) in Power Systems
Department/School	Department of Electronic and Electrical Engineering
Job family	Education and Research
Grade	8
Reporting to	Head of Department
Responsible for	May coordinate the work of casual staff and/or postgraduate tutors or demonstrators
Location	University of Bath premises

Background and context

The Department of Electronic & Electrical Engineering is a successful and expanding department with over 30 academic staff. 91% of our research activity was graded as either world-leading or internationally excellent in the recent Research Excellence Framework 2014 and regularly achieves high Overall Satisfaction and ranking in the National Student Survey.

This full-time post is for the period September 2020 – February 2020. The post-holder will be expected to make a significant contribution to the teaching of undergraduate power systems modules on our BEng and MEng programmes. Details of our programmes are given at <http://www.bath.ac.uk/catalogues/2020-2021/ee/ee-proglist-ug.html> and applicants who can contribute to EE30196 Power system plant and EE30215 Power system fundamentals are particularly welcome.

The Department is committed to supporting excellence in both research and teaching. It offers a range of undergraduate programmes in electronic and electrical engineering and is expanding its MSc portfolio. Details of its undergraduate and taught postgraduate programmes can be found at <http://www.bath.ac.uk/elec-eng>. In addition to a range of electrical and electronic engineering programmes, our undergraduate programmes include the MEng Integrated Mechanical and Electrical Engineering (a joint programme with Department of Mechanical Engineering) and a new MEng Robotics Engineering.

The Department's efforts to meet its objectives are supported by a number of management and leadership tasks which are distributed amongst the members of academic staff. The jobholder will be expected to contribute to these tasks as appropriate. The jobholder is expected to display an attitude of collaboration and collegiality both with existing members of the Department and the wider community.

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Job purpose
<p>The post-holder will contribute to the development, teaching and assessment of academic programmes within the Department of Electronic and Electrical Engineering at undergraduate and postgraduate levels.</p> <p>In particular, the post-holder will contribute to the Department's undergraduate BEng and MEng programmes is expected to design and deliver high quality teaching which is informed by significant experience gained via practice, research/study and teaching experience.</p> <p>The particular combination of units to be offered across the programmes will depend on the post-holder's knowledge and experience but the ability to contribute to power systems teaching is expected.</p> <p>They may be required to provide advice and support to students.</p> <p>They will be expected to take on teaching-related management, leadership and administrative duties.</p> <p>Whilst it is expected that teaching will be informed by research/professional expertise, there is no research component to this role.</p>

Main duties and responsibilities	
<p>The job duties and responsibilities listed below are intended to describe the general nature of the role. 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.</p>	
1	Teaching
a	Design, plan and implement effective and inclusive teaching and supporting learning activities.
b	Teach across a range of modules/units or within a subject area using appropriate teaching, learning support and assessment methods and technologies.
c	Assess the work and progress of students and provide them with constructive feedback.
d	Seek ways of improving performance by reflecting on teaching design and delivery and obtaining and analysing feedback.
e	Develop ideas for improving the learning environment, teaching and/or assessment and feedback methods.

f	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.
g	Contribute to outreach and/or Widening Participation activity within the Department, Faculty or University.
2	Management and administration
a	Undertake internal roles of responsibility e.g. contribute to committees and working parties, act as Admissions Tutor or Director of Studies.
b	Advise and support colleagues with less experience and advise on academic and personal development.
c	Participate in internal initiatives/events to the benefit of the University e.g. open days, outreach activities, student placements.
d	Act as supervisor for the work of others, for example postgraduate tutors.
e	Such other duties as may be reasonably required within the grade.

Special conditions

All appointments to Lecturer (Teaching) posts without research are subject to one year's probation and successful completion of the Bath Course in Enhancing Academic Practice (Bath Course). Individuals may be granted exemption from the Bath Course and/or probation at the University's discretion.

Person Specification

Criteria	Essential	Desirable
Qualifications		
UG degree in Electrical Engineering or equivalent qualification/experience	√	
PhD in Electrical or Power engineering or equivalent in relevant discipline		√
Membership of professional body (e.g. The Institution of Engineering & Technology)		√
Higher education teaching qualification or professional recognition (e.g. PGCert, FHEA or equivalent)		√
Experience/Knowledge		
Should have demonstrated that they have appropriate subject knowledge and communication skills to enable them to perform the teaching duties required of them	√	
Demonstrates depth and breadth of understanding of subject matters at a complex conceptual level	√	
A sound understanding of academic processes and university regulations associated with teaching/ teaching quality.		√
Experience of teaching at UG/PG level	√	
Skills		
Excellent written and verbal communication skills including presentation skills	√	
Excellent interpersonal skills, communication style and team working	√	
Excellent organisational and administrative skills	√	
Ability to form positive working relationships within the University, community, business and other partners	√	
Plan and prioritise own workload, including preparation of teaching materials.	√	
Attributes		
Commitment to excellence in teaching and to providing the highest quality experience for students	√	
Commitment to working within professional and ethical codes of conduct	√	
Enthusiasm and self-motivation	√	
Ability to encourage active participation by students.		√

Ability to exercise initiative and be proactive	√	
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