

JOB DESCRIPTION

**Lecturer in Electronic & Electrical Engineering, Engineering department
Vacancy Ref: A1218**

Job Title: Lecturer in Electronic & Electrical Engineering	Present Grade: 7
Department/College: Engineering Department	
Directly responsible to: Head of Department	
Supervisory responsibility for: 2 or 3 PGRSs, 1 or 2 PDRAs	
<p>Internal contacts: Other members of the Engineering Department, particularly academics involved with electronics-related research interests of the department i.e. microwaves, terahertz & light (including the Cockcroft Institute for Particle Accelerator Engineering), instrumentation, micro-nano systems and low-level RF control with a focus on digital electronics and computer systems; academics in other departments – particularly the Department of Physics, concerning relations between the University, industry and government specifically relating to electronic & electrical engineering matters.</p> <p>External Contacts: Experts at peer universities. Research Councils, academics in other universities and specifically the EPSRC and STFC. Researchers, middle and senior management in industry including engineering & design companies. Members of the UK Government in the UK and overseas associated with electronic & electrical engineering. Professional bodies – IET, IEEE etc., national laboratories, research institutes, the technical press etc.</p>	
<p>Major responsibilities:</p> <ul style="list-style-type: none"> • To stimulate, undertake and manage research, teaching, scholarship, public engagement and debate on issues of Electronic & Electrical Engineering and its role in the design and development of systems in the UK, mainland Europe and beyond. • To stimulate and undertake internationally-leading research in areas relevant to microwaves, terahertz & light (including Cockcroft), instrumentation, micro-nano systems or low-level RF control with a focus on digital electronics and computer systems, leading to the publication of top-quality research outputs of high impact. • To obtain funding to demonstrate the development of an individual research activity progressing towards sustainable status at Lancaster within a 3-year period. • To complement and contribute to existing taught programmes at undergraduate and postgraduate level in any of the areas of electronic & electrical engineering, taking into account the influence of policy and current trends in engineering and to take an active part in the delivery of related courses, especially in the area of <i>digital electronics and computer systems</i>. • To develop short courses, distance learning, continuing professional development and other graduate-level learning opportunities as appropriate for the engineering community. • To contribute to the wider objectives of the Engineering Department at the discretion of the Engineering HoD including, for example, departmental administration (teaching and/or research) and international links with partner universities. 	