

JOB DESCRIPTION

Vacancy Ref: A3034

Job Title:	Research Associate for the ‘5GEM` Programme	Present Grade: 6
Department/College:	Engineering Department	
Directly responsible to:	Dr Darren Williams	
Supervisory responsibility for:	Research Students, Masters Students, UG Project Students	
Other contacts		
Internal: Other academic staff and (senior) research associates in the Engineering Department, research staff on related projects		
External: Collaborators / partners working on the 5GEM project, both in the UK and overseas.		
Major Duties:		
<div>1. Support and undertake research activities specific to Innovate UK grant ref. xxx concerning the 5G Enabling Manufacturing Project (5GEM). This is an Innovate UK collaborative project with Ford as the lead organization, TWI Ltd, Lancaster University, VFE, HSSMI, Vodafone, ATS and TMForum as project partners. Lancaster’s role in the project is to successfully develop Data analytics and implement the solution on two manufacturing test beds utilizing a 5G platform.</div> <div>1. Working effectively in a cross-disciplinary academic-industry team to achieve the above goal, and to be prepared to attend technical meetings and perform implementation and testing, both at Cambridge and elsewhere as required by the consortium.</div> <div>2. Contributing to the planning, development, and publication of our work within the project.</div> <div>3. Preparing and presenting of talks, posters and reports to disseminate the results of the research.</div> <div>4. Participating in national and international conferences and workshops to present the results of the project to a wider audience and to learn about current advances in the field.</div> <div>5. Taking a lead in the preparation of (potentially collaborative) journal papers for publication of project findings.</div> <div>6. Participating in all project meetings, including the development of progress reports describing and reflecting on the results of the project.</div> <div>7. Support the co-ordination, administration and supervision of research students within the Department, especially those working in nuclear related areas.</div> <div>8. Any other duties appropriate to the grade and position as directed by your line manager.</div>		