

Job Description

Associate Professor of Cyber Security

Faculty of Technology, Arts and Culture / School of Computer Science and Informatics

Grade: AP

Role profile: AP

Full time

Permanent

	Duties of the role
Overall purpose of the role	<p>To provide leadership in the areas of research, impact generation, knowledge exchange, teaching and administrative activities of the Cyber Technology Innovation (CTI) area of the Digital Future (DF) Research Institute, and making connections to the other areas: AI, and Social Responsibility.</p> <p>To enhance the Institute's External Income Generation (Research and Commercial).</p> <p>To provide leadership within the Faculty to further develop and strengthen its research culture, and to enhance its increasing national and international profile.</p> <p>To contribute to the supervision of research students.</p> <p>Associate Professors are considered as being on a career trajectory towards eventual professorship. They will have an established and growing standing in a subject, profession and/or practice, as indicated by peer review or similar indicators of esteem.</p>
Main duties and responsibilities	<p>The individual appointed to the post will have a significant leadership role within the CTI area. They will have responsibility for initiating new strategic research directions of the Institute and contribute to the strategic decision making within the School. They will undertake research, teaching and administrative duties in the context of the Institute's projects.</p> <p>More specifically, the post holder will:</p> <ul style="list-style-type: none"> • Contribute to the strategic research plan of the School and DF by <ul style="list-style-type: none"> ○ Preparing and submitting research bids and collaboration in UKRI or other appropriate funders' programmes. ○ Mentoring DF members. ○ Developing publications and collaborating DF members to ensure high quality publications by all members. ○ Developing new connections with stakeholders and external parties, in ways that increase the DF's contribution to the KEF and REF impact through research collaboration, knowledge exchange, and enterprise. ○ Supporting the CTI to be a key player in the area of Cyber Security, regionally, nationally, and internationally. • Participate in the external connections of the CTI, including with its Industrial Advisory Group, with NCSC including the CTI's role as an NCSC Academic Centre of Excellence in Cyber Security Education (Gold), and its membership of Research Institutes like RISCs and RITICS. • Publish research findings in world-leading outlets. • Enhance the Faculty's, Institute's, School's and CTI's profile by contributing to academic conferences, scholarly or professional activities. • Be involved in the assessment of student knowledge and supervision of

projects.

- Translate knowledge of advances in the subject area into novel research activity.
- Deal with routine communication using a range of media.
- Act as a line manager within the relevant subject area, to include all aspects of line management, such as performance management, workload/resource management, objective setting and appraisals.
- Contribute to School teaching activities, including NCSC accredited courses like the MSc Cyber Security, CPD programmes, and apprenticeship programmes
- Attend School, Institute, Faculty and University meetings, as required
- Be pro-active in demonstrating and promoting the University, Faculty, Institute and School commitment to equality and diversity and widening participation.
- Take responsibility for ensuring that the university's strategic equality plans are in place and provide regular reports on progress.
- Perform any other duties commensurate with the job grade as reasonably required from time to time.

Person Specification

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Area of responsibility	Requirements	Essential or desirable		*Method of assessment			
				A	I	T	D
Training and qualifications	PhD or Equivalent in a relevant subject	Essential		✓			✓
Teaching and Learning Support	Experience in project supervision (MSc, MPhil, PhD level)	Essential		✓			
	Ability to engage and stimulate staff and students in relevant topics within Cyber Security and related areas such as Privacy, Safety Engineering and AI.	Essential			✓	✓	
Research	Experience in attracting research or commercial funding and managing projects	Essential		✓	✓		
	Research Track Record in an area related to Cyber Security	Essential		✓	✓		
	A convincing vision for the future of Cyber Security research		Desirable	✓	✓		
	Track record in producing high-quality outputs for submission to the REF.	Essential		✓			
Planning and managing resources	Ability to work within a team and on own initiative.	Essential		✓			
	Ability to communicate effectively at all levels	Essential			✓	✓	
	Proven skills in leading research, knowledge exchange, and/or enterprise		Desirable	✓			
	Experience of identifying and responding to business development opportunities.		Desirable	✓	✓		

*A = Application Form; I = Interview; T = Test; D = Documentary Evidence