University of Nottingham
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Role profile

Job Title	Assistant Research Fellow in Electronic Engineering
School/Department	Department of Electrical and Electronic Engineering
Job Family and Level	UNNC Scale A Level 2
Contract Status/ Appointment Duration	This post is available from 2027 and will initially be offered on a fixed-term contract with an outsourced company for a period of up to 2 years and a probation of 1 month.
Location	University of Nottingham Ningbo China
Hours of Work	Regular working hours
Responsible to	Head of Department of Electrical and Electronic Engineering, Principal Investigator for the research

Purpose of role

The purpose of this role will be to assist and support the academic staff and principal investigators in Smart Mobility and Transportation research team. The work includes carrying out literature survey for publication or research, hardware/software acquisition, translation and information acquisition when preparing for research grant applications. He or she is also expected to support in the organisation of meetings, forums, workshops and conferences, including build relationships with internal and external contacts to develop knowledge and understanding and form relationships for future collaborations. The role also includes general administrative work to ensure smooth day to day lab operation.

	Main responsibilities (Primary accountabilities and responsibilities expected to fulfil the role)	**% time per year**
1	To undertake supervised research which may include planning, preparing, setting up, conducting and recording the outcome of experiments and fieldwork.	20
2	To conduct literature and database searches and carry out analyses and/or tests and/or critical evaluations using specified and agreed techniques, approaches and/or models and document findings.	20
3	To contribute to the production of research reports and publications	10
5	To continue to develop skills in and knowledge of research methods and techniques and contribute to the development of/or choice of techniques, models, methods, critiques and approaches.	10
8	To work in conjunction with others in the research team, achieve objectives and deadlines of the research project.	10
9	To participate in training and staff development events as trainer or trainee as appropriate. To maintain appropriate professional development, expertise and awareness. To undertake other tasks and responsibilities as may reasonably be required.	30

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Person specification

	Essential	Desirable
Skills	▪ Excellent oral and written communication skills, including the ability to communicate with clarity on complex information. ▪ Developing research skills. ▪ Ability to contribute to method improvement. ▪ Analytical ability to facilitate conceptual thinking, innovation and creativity. ▪ Ability to build relationships and collaborate with others, internally and externally.	▪ Demonstrates a desire to further develop skills and knowledge of research methods and techniques
Knowledge and experience	▪ Evidence of sufficient breadth or depth of research methodologies and techniques to work in research area.	▪ Some practical experience of applying the specialist skills approaches and techniques required for the role. ▪ Evidence in use of research methodologies and techniques to work within research area
Qualifications, certification and training (relevant to role)	▪ Degree in relevant subject area.	▪ Master's Degree, or equivalent in relevant subject area.
Statutory, legal or special requirements		

Expectations and behaviours

The University has developed a clear set of core expectations and behaviours that our people should be demonstrating in their work, and as ambassadors of the University's strategy, vision and values. The following are essential to the role:

Valuing people	Is friendly, engaging and receptive, putting others at ease. Actively listens to others and goes out of way to ensure people feel valued, developed and supported.
Taking ownership	Is clear on what needs to be done encouraging others to take ownership. Takes action when required, being mindful of important aspects such as Health & Safety, Equality, Diversity & Inclusion, and other considerations.
Forward thinking	Drives the development, sharing and implementation of new ideas and improvements to support strategic objectives. Engages others in the improvement process.
Professional pride	Is professional in approach and style, setting an example to others; strives to demonstrate excellence through development of self, others and effective working practices.
Always inclusive	Builds effective working relationships, recognising and including the contribution of others; promotes inclusion and inclusive practices within own work area.

Key relationships with others

