



Job Title	Research Fellow in Electronic Engineering
School/Department	Department of Electrical and Electronic Engineering
Job Family and Level	UNNC Scale A Level 4
Contract Status/ Appointment Duration	This post is available from 2025 and will initially be offered on a fixed-term contract with outsource company for a period of up to 3 years and a probation of 6 months.
Location	University of Nottingham Ningbo China
Hours of Work	Regular working hours
Responsible to	Head of Department of Electrical and Electronic Engineering

Purpose of role

The purpose of this role will be to co-develop research proposals in the areas of wireless communications, mobile networking and electronics, particularly with experience in smart mobility and transportation, with the academic staff and industrial partners in the Department of Electrical and Electronic Engineering. The person appointed will be expected to conduct and publish the proposed research work in top journals and conferences. He or she is expected to support academic staff to bid for research grant applications. He or she is also expected to identify intellectual property from the research work and file the IPs accordingly. The person appointed is also expected to co-supervise UG, Master and PhD students with the academic staff.

	Main responsibilities (Primary accountabilities and responsibilities expected to fulfil the role)	% time per year
1	To develop research objectives and proposals for own and/or collaborative research area.	10
2	To plan and conduct research using recognised approaches, methodologies and techniques within the research area.	25
3	To analyse and illuminate data, interpret reports, evaluate and criticise texts and bring new insights to research area.	10
4	To write up research work for publication and/or contribute to the dissemination at national/international conferences, resulting in successful research outputs.	10
5	To identify opportunities and assist in writing bids for research grant applications. Prepare proposals and applications to both external and/or internal bodies for funding, contractual or accreditation purposes.	5
6	To build relationships with both internal and external contacts in order to exchange information, to form relationships for future collaborations and identify potential sources of funds and/or opportunities for collaboration.	10

7	To provide support, guidance and supervision to other staff, where appropriate in own area of expertise.	5
8	To supervise undergraduate and/or postgraduate students projects, fieldwork and placements, as appropriate. To participate in the assessment of student knowledge and co-supervise projects at Masters level.	5
9	To collaborate with academic colleagues on areas of shared interest for example, course development, collaborative or joint research projects.	5
10	To plan and manage own research activity and resolve problems, if required, in meeting own/team research objectives and deadlines in collaboration with others.	5
11	To utilise and contribute to organising research resources and facilities, laboratories and workshops as appropriate.	5
12	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	5



Person specification

	Essential	Desirable
Skills	<ul style="list-style-type: none">▪ Excellent oral and written communication skills, including the ability to communicate with clarity on complex information.▪ High analytical ability to analyse and illuminate data, interprets reports, evaluate and criticise texts and bring new insights.▪ Ability to creatively apply relevant research approaches, models, techniques and methods.▪ Ability to assess and organise resource requirements and deploy effectively.▪ Ability to build relationships and collaborate with others, both internally and externally.	<ul style="list-style-type: none">▪ Ability to foster a research culture and commitment to learn in others.
Knowledge and experience	<ul style="list-style-type: none">▪ Some practical experience of applying the specialist skills and approaches and techniques required for the role.▪ Experience in use of research methodologies and techniques to work within area.	<ul style="list-style-type: none">▪ Previous success in gaining support for externally funded research projects.▪ Experience of developing new approaches, models, techniques or methods in research area.
Qualifications, certification and training (relevant to role)	<ul style="list-style-type: none">▪ PhD in relevant subject area and experience in research 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

