



<b>Job Title</b>	Assistant Professor in Electrical and Electronic Engineering
<b>School/Department</b>	Department of Electrical and Electronic Engineering
<b>Job Level</b>	UNNC Scale B Level 5
<b>Job Family</b>	Research and Teaching
<b>Contract Status/ Appointment Duration</b>	This post is available from February 2025 and will initially be offered on a fixed-term contract with the University of Nottingham Ningbo China for a period of up to five years.
<b>Location</b>	University of Nottingham Ningbo China
<b>Hours of Work</b>	Irregular working hours
<b>Responsible to</b>	Head of Department of Electrical and Electronic Engineering

### Purpose of role:

The purpose of this role will be to lead and deliver individual and collaborative research and teaching in the area of embedded systems/communication engineering/mobile communications and make a contribution to the direction of research programmes in the Department of Electrical and Electronic Engineering.

The role will be responsible for generating new intellectual understanding/knowledge through the application of knowledge and for developing ideas for application of research and teaching outcomes.

The post holder will develop new concepts and ideas and will be expected, where appropriate, to develop and win support for innovative research and/or teaching development proposals and funding bids.

The post holder will make a significant contribution to their academic unit via leadership and/or administrative management and/or co-ordination of specific initiatives.

	<b>Main responsibilities</b> (Primary accountabilities and responsibilities expected to fulfil the role)	<b>% time per year</b>
Research (40%)		
1	To take the lead on, plan, develop and conduct individual and/or collaborative research objectives, projects and proposals either as an individual or as part of a broader programme.	10
2	To establish a national reputation and regularly disseminate and explain research findings through leading peer-reviewed national publications (on a sustained basis), conferences and other appropriate media.	10
3	To generate income by developing and winning support for innovative research proposals and funding bids. Where appropriate undertake consultancy projects where there is a demonstrable benefit to the University and academic unit.	10

4	To build relationships and collaborate actively with internal and external contacts, nationally and if appropriate internationally to complete research projects and to advance the discipline.	10
Teaching (40%)		
4	To deliver teaching across a range of modules or within a subject area, providing curriculum leadership within own area of expertise	15
5	Be responsible for the design of course modules and/or programmes of study in specialist area and for their quality. Where appropriate identify the need for developing the content or structure of existing modules and make proposals on how this should be achieved.	5
6	To supervise and examine Post graduate, Masters and PhD students.	5
7	To coach and support tutorial groups, developing their knowledge and their learning skills, and be responsible for the pastoral care of students within a specified area, dealing with sensitive issues.	5
8	Be responsible for and comply with The University of Nottingham Teaching Quality assurance standards and procedures. Ensure teaching quality assessment and assessment of progress and other information is maintained and supplied to the University as required	10
Other (20%)		
10	Be responsible for administrative duties in areas such as admissions, timetabling, examinations, student attendance, and represent the school on various committees and working groups in the wider University and outside of the University and managing or monitoring assets and budgets allocated as part of the role.	10
11	To participate in training and staff development events as trainer or trainee as appropriate.	5
12	To maintain appropriate professional development, expertise and awareness. To undertake other tasks and responsibilities as may reasonably be required.	5

## Person specification

	Essential	Desirable
<b>Qualifications, certification and training (relevant to role)</b>	PhD or equivalent in relevant subject area.	<ul style="list-style-type: none"> <li>▪ Higher Education teaching qualification or equivalent.</li> <li>▪ Membership of a professional body where appropriate.</li> </ul>
<b>Skills</b>	<ul style="list-style-type: none"> <li>▪ Excellent oral and written communication skills, including the ability to communicate with clarity on complex and conceptual ideas to those with limited knowledge and understanding as well as to peers, using high level skills and a range of media.</li> <li>▪ Ability to devise, advise on and manage learning and research programmes.</li> <li>▪ Ability to manage resources and an understanding of management processes.</li> <li>▪ High level analytical capability to facilitate conceptual thinking, innovation and creativity.</li> <li>▪ Skills in counselling, pastoral care and motivating students.</li> <li>▪ Emerging skills in managing and motivating staff.</li> <li>▪ Ability to build relationships and collaborate with others, internally and externally.</li> </ul>	
<b>Knowledge and experience</b>	<ul style="list-style-type: none"> <li>▪ Sufficient breadth or depth of specialist knowledge in the discipline to develop research programmes and methodologies.</li> <li>▪ Experience of developing research methodologies and devising models, approaches, techniques, critiques and methods.</li> <li>▪ Research experience within subject specialism.</li> <li>▪ Experience and achievement in chosen field, reflected in growing and consistent national reputation.</li> <li>▪ Evidence of publication record.</li> <li>▪ At least 2 years relevant teaching and research experience in higher education sector;</li> </ul>	<ul style="list-style-type: none"> <li>▪ International reputation in specialist field which continues to grow.</li> <li>▪ Experience, achievement and growing reputation in the discipline, reflected in relevant national committee memberships, and/or involvement in national research events.</li> <li>▪ A consistent track record of published research in peer reviewed journals.</li> <li>▪ Extensive experience and demonstrated success in delivering research results.</li> <li>▪ Experience of devising, advising on and managing learning and research programmes.</li> <li>▪ Experience of counselling, pastoral care and motivating students.</li> </ul>

	<ul style="list-style-type: none"> <li>▪ Experience and demonstrated success in delivering teaching within an agreed quality framework.</li> </ul>	
<p><b>Personal Attributes</b></p>	<ul style="list-style-type: none"> <li>▪ Ability to work collaboratively in a multidisciplinary environment.</li> <li>▪ Ability to work effectively in a multi-cultural environment.</li> <li>▪ Ability and motivation to lead an independent successful research programme.</li> <li>▪ Ability to work to deadlines and to prioritise tasks.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Evidence of leadership quality in leading a team to achieve a task/project.</li> <li>▪ Ability to attract students (undergraduate and postgraduate) to come and study at the University of Nottingham Ningbo China</li> </ul>

## 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:

<b>Valuing people</b>	Is always equitable and fair and works with integrity. Proactively looks for ways to develop the team and is comfortable providing clarity by explaining the rationale behind decisions.
<b>Taking ownership</b>	Is highly self-aware, looking for ways to improve, both taking on board and offering constructive feedback. Inspires others to take accountability for their own areas.
<b>Forward thinking</b>	Driven to question the status quo and explore new ideas, supporting the team to "lead the way" in terms of know-how and learning.
<b>Professional pride</b>	Sets the bar high with quality systems and control measures in place. Demands high standards of others identifying and addressing any gaps to enhance the overall performance.
<b>Always inclusive</b>	Ensures accessibility to the wider community, actively encouraging inclusion and seeking to involve others. Ensures others always consider the wider context when sharing information making full use of networks and connections.

## Key relationships with others



