

## Candidate Information

<b>Position:</b>	Lecturers in Construction Project Management (Education only)
<b>School/Department:</b>	School of Natural and Built Environment
<b>Reference:</b>	25/112566
<b>Closing Date:</b>	Tuesday 27 May 2025
<b>Salary:</b>	Competitive
<b>Anticipated Interview Date:</b>	Wednesday 11 June 2025

### JOB PURPOSE:

The successful applicants will form part of the new team which will develop and deliver the Construction and Project Management (CPM) MSc programme in GIFT city, Gujarat, India. The CPM programme will be based on the Belfast-based Construction and Project Management MSc which has been running successfully for over 15 years.

The successful applicants will have experience in construction and project management, with a background in practice or teaching in several of the following areas:

1. Project Planning for Sustainability: The principles of sustainable project development including the identification application of sustainability and environmental protection principles across the whole project lifecycle.
2. Construction Economics and Construction Finance: Construction financial management and construction economics including the use of tools and techniques for economic appraisal and financial planning.
3. Project Management, Planning and Control: Activity sequencing, duration and time planning, scheduling and control, risk management, quality management, and Health and Safety management; including the use of software for planning and scheduling.
4. Procurement, Contract Administration and Law: Procurement routes and procedures, contract law, tort law, contract administration, standard forms of contract and legislative frameworks applicable to procurement of public works in the UK and India
5. Facilities Management / Asset Management: Hard and soft FM and AM including in-house vs outsourced FM, sustainable FM, digital technology in FM, early involvement of facility managers (EFMI) in design, lifecycle value creation & delivery
6. Emerging Digital Technology: the application of new and emerging tools and approaches to project management, specifically including digital technology
7. Building Information Modelling in Practice: BIM maturity levels, BIM dimensions, BIM standards and information management processes, including international standard BS EN 19650
8. Organisations, People and Leadership: Student leadership and management skills in a group situation, assessment of students' Personal development plans
9. Research Methods for Managers: Principles of research including formulation of research questions, effective research design and implementation; includes literature search and critical review, qualitative, quantitative and mixed research methods, and data analysis software packages, such as NVivo and SPSS.

The successful applicants will be expected to deliver and manage several programme modules and to develop teaching and learning techniques and pedagogical practice in response to industry developments and student feedback.

We are a leader in gender equality and diversity and are one of the UK's most successful universities in the Athena SWAN initiative which promotes gender equality and career progression. Applications from women are particularly welcome for this post.

**MAJOR DUTIES:****Teaching:**

1. Teach in lectures, tutorials and project workshops informed by a thorough knowledge of specialist area of research or construction industry experience. The post holder will also be expected to design and develop appropriate new modules. Post holder must be flexible and will be expected to develop content and teach outside of core areas of expertise.
2. Select appropriate assessment instruments and criteria, assess the work and progress of students by reference to the criteria and provide constructive feedback to students to assist learning.
3. Seek ways of improving performance by reflecting on teaching design and delivery and obtaining and analysing feedback.
4. Rigorously and fairly apply QUB postgraduate study regulations.
5. Plan and develop independent teaching contributions and contribute to the design or revision of modules.
6. Contribute to improving the postgraduate student experience.
7. Contribute to national and international teaching collaborations.

**Scholarly Activity:**

1. Develop and plan an area of research (aligned to dissertation engagement with students)
2. Contribute to and author high quality research publications/outputs in refereed journals and elsewhere.
3. Provide guidance to other staff and students on their own specialist area as appropriate.

**Administration/Contribution to the Community:**

1. Carry out administrative duties associated with teaching and research commitments, including assessment and application of quality assurance processes.
2. Participate in School, Faculty and University administration as requested by line manager.
3. Develop connections with the construction industry locally and nationally across India to introduce relevant guest lectures, develop industry relevant dissertation projects and ensure the modules are meeting industry needs.
4. Provide pastoral care for students to ensure that all issues are dealt with in a timely, sympathetic and effective manner.
5. Be responsible for the record-keeping associated with teaching and the preparation of teaching materials.
6. Contribute to student recruitment activities for the GIFT city programme including recruitment events and webinars.

**Planning and Organising:**

1. Plan and manage own teaching and tutorials as agreed with line manager.
2. Design/update modules in line with School's teaching strategy.
3. As module leader, co-ordinate with others (such as support staff or academic colleagues in GIFT city and in Belfast) to ensure student needs and expectations are met.
4. Plan for the use of teaching and research resources as appropriate.

**Resource Management Responsibilities:**

1. Use teaching and research resources, laboratories and workshops as required. The post holder may be expected to manage these resources, for example ensuring essential software is installed and updated.
2. Depending on the area of work, be prepared to supervise the work of others, for example in research teams and projects.
3. Act as mentor for students.

**Internal and External Relationships:**

1. Member of the School Board and Examination Board and such committees relevant to administrative duties.
2. Collaborate with other staff across the University; both in GIFT city and in Belfast.
3. Involved in developing links or joining external industry or academic networks to share information and ideas.
4. Participate in and develop networks, for example to identify sources of funding, contribute to student recruitment, act as website editor, secure student placements, market the institution, facilitate outreach work, generate income, obtain consultancy projects, or build relationships for future activities.
5. Contribute to the School's outreach programme by establishing links with external bodies.
6. Work towards membership of one or more of the professional bodies relevant to the programme (CIOB, RICS, ICE)

**ESSENTIAL CRITERIA:**

1. Honours degree in Management, Architecture, Building, Civil Engineering, Construction or a related discipline (minimum equivalent 2.1).
2. Minimum of five years' relevant experience in the construction industry in practice, research or education in several of the areas listed (numbered 1 – 9 in Job Purpose above).
3. Evidence of teaching experience at undergraduate or postgraduate level teaching, or industrial training activities, including assessment.
4. Evidence of ability to develop content and teach in several areas listed in 1-9 above, and willingness to teach outside core areas of expertise.
5. Evidence of contribution to broader management and administrative processes or organising outreach activities in previous area of employment.
6. Proven ability to present complex ideas clearly and succinctly.
7. Proven ability in team working
8. Proven ability to work independently
9. Commitment to contribute to the growth of the QUB programmes in GIFT city.
10. Willingness to travel within India for periods of up to two weeks for student recruitment for the GIFT city and Belfast CPM programmes.
11. Willingness to travel to Northern Ireland for periods of up to three months in connection with teaching or research duties.

**DESIRABLE CRITERIA:**

1. Successfully completed PGCHET or an equivalent teaching qualification
2. Evidence of at least 3 years teaching experience in tertiary education including but not limited to undergraduate and postgraduate level teaching and assessment.
3. Membership of a relevant professional body (e.g., CIOB RICS or ICE)
4. Experience in the international construction industry, and/or large construction projects.
5. Evidence of teaching experience at undergraduate and/or postgraduate level teaching, including assessment and/or industrial training activities.
6. Experience in working in international or cross-cultural teams.
7. Eight or more years relevant experience in the construction industry in practice, research or education
8. Established teacher at university level.
9. Hold or be about to obtain a PhD in a discipline relevant to construction and project management
10. Evidence of ability to manage resources and understanding of management processes.