



## **TEACHING FELLOW IN STEM EDUCATION (Specific Purpose Appointment)**

### **GENERAL JOB SPECIFICATION Duties and Terms & Conditions of Employment**

#### **1. PREAMBLE**

Mary Immaculate College is an autonomous, university-level, Catholic College of Education and the Liberal Arts. Founded in 1898, and linked academically with the University of Limerick, MIC is the oldest higher education institution in Limerick. Significant expansion in recent decades has seen the College's menu of educational programmes expand across two impressive campuses, one based in the heart of Limerick City and one in Thurles, Co. Tipperary. The diverse student community is made up of more than 5,000 learners, participating in ten undergraduate degree programmes and a wide range of postgraduate programmes up to and including doctoral level. Academic staff members engage in professional academic research activities, and research underpins all teaching and learning at the College.

MIC seeks to prepare its students for professional excellence and to nurture their capacity to lead flourishing lives.

#### **2. CANDIDATE PROFILE AND SCOPE OF THE POSITION**

Mary Immaculate College wishes to appoint a Teaching Fellow in STEM Education. The post will be filled on a Specific Purpose Basis to cover statutory Leave commencing in February 2024.

The Department of STEM Education provides undergraduate and postgraduate modules in STEM Education to students enrolled in the Bachelor of Education, Bachelor of Education (International), Bachelor of Education in Education and Psychology, and the Professional Master of Education (Primary Teaching) programmes. The Department also offers a dedicated MA in STEM Education and has a body of students enrolled in research degrees at both Masters and Doctoral level. Faculty in the department also deliver modules on two other MIC postgraduate programmes.

The Department of STEM Education builds and cultivates knowledge, attitudes and skills in STEM disciplines through socially responsive and innovative research, experiential and inquiry-based teaching and learning, the development of partnerships with schools and industry and through the preparation of teachers who are STEM literate. We prepare teachers to draw on technology-enhanced learning to support the development of pedagogies in all curriculum

subjects, to utilise a range of innovative teaching and learning modalities and to become future leaders in STEM education in their schools.

The Department has particular teaching needs in the area of STEM Education and we welcome candidates with broad experience in one or more STEM disciplines at primary or post primary level (science, technology (ICT), engineering, mathematics). The successful candidate will be responsible for teaching and assessing undergraduate and postgraduate modules on the Bachelor of Education, Bachelor of Education (International), B Ed in Education and Psychology, and Professional Master of Education (Primary Teaching) programmes. It is expected the appointee will contribute to the development of high quality teaching across the STEM education disciplines, to excellence in teaching and learning and to the life and activities of the Department.

**Essential Qualifications & Skills** (i.e. those, without which, a candidate would not be able to do the job. Applications that have not clearly demonstrated that candidates possess the essential requirements will not be shortlisted):

**In order to be considered for this post, applicants must have:**

- a) A postgraduate degree in STEM education, discipline-specific STEM education (science, technology, engineering, mathematics), and/or Education;
- b) An undergraduate degree in Education, discipline-specific STEM Education (science, technology, engineering, mathematics) *or* a primary degree in Education with a STEM-related discipline or STEM;
- c) Prior teaching experience at primary level with interest/experience of one or more cognate areas: Science education; Mathematics education; ICT education; Engineering Education; STEM;
- d) Knowledge of contemporary developments in the field of STEM Education theory and practice;
- e) Evidence of competence to design and deliver teaching material across a range of STEM education modules and in a variety of different modes including face-to-face, online and blended learning environments;
- f) Excellent organisational, interpersonal and communication skills. Demonstrable enthusiasm to work in a student-centred environment, across a multi-disciplinary team

*Cuirfear fáilte roimh iarratais ó dhaoine go bhfuil dearcadh dearfach acu i leith na Gaeilge. Applications are welcome from people who have a positive outlook to Irish.*

**Candidates must clearly indicate in their applications how they meet each of the above criteria. Candidates will be shortlisted on the basis of both essential and desirable criteria.**

*Please note that current government policy may have implications for the re-employment of applicants who are currently in receipt of a public sector pension.*

### **3. JOB DESCRIPTION**

#### **Reporting Relationship**

The appointee is required to carry out the duties attached to the post, under the general

direction of the Head of Department, STEM Education, to whom he/she reports, and to whom he/she is responsible to for the performance of these duties in the first instance. The appointee will report through the Head of Department to the Dean of Education and to the College President and/or such other College Officers as the President may designate from time to time.

He/she will liaise with the Heads of Departments and those in leadership/management positions within the Faculty of Education and with other College personnel and relevant College bodies in carrying out the duties attaching to the post. In the case of there being a crossover in terms of the duties and responsibilities of other post holders within the College, the College President will adjudicate on same.

### **Duties and Responsibilities**

- Programme/module design, lecturing, tutorial work, and assessment in STEM Education across a range of programmes at both undergraduate and postgraduate levels;
- Facilitation of cross curricular, interdisciplinary and integrated STEM Education modules/activities/events across the Department of STEM Education;
- Development of innovative teaching, learning and assessment strategies including face to face, on-line, blended, and flexible models of delivery;
- Engage with any/all the administrative functions of the Department of STEM Education including participation in meetings of the Department of STEM Education, Faculty of Education, and other groupings;
- Attendance and participation in all meetings of Examination Boards;
- Providing support for the department of STEM education strategic initiatives;
- Supporting the planning and co-ordination of STEM education partnerships and outreach activities including Science and Maths Week events hosted by MIC;
- Organisation, coordination and management of resources in STEM disciplinary areas

The work is broadly defined and the range of duties is not exhaustive. The performance of the entire range of duties is not necessarily confined to any one individual, as the work requires that the staff function in a flexible manner, and work together as a team. The College retains the right to assign new duties and/or to re-assign staff to other areas of the College, in response to service needs.

## **4. TERMS AND CONDITIONS OF EMPLOYMENT**

### **General**

All persons employed will sign an appropriate contract, which will contain terms and conditions of the employment. A job description is given to all applicants for employment and this will form part of the contract documentation.

### **Place of Work**

The appointee's primary place of work will be Mary Immaculate College, Limerick while there may be an occasional requirement to deliver programmes on our Thurles campus. The College reserves the right to require the appointee to work from any other location. It is a requirement of the College that the appointee must reside within a commutable distance of the College.

### **Exclusivity of Service and Outside Work**

The person appointed will be required to devote their full-time attention and abilities to their duties during their working hours in the College and to act in the best interest of the College at all times. Therefore, for as long as the successful applicant is working in the College, they may not, without the prior written consent of the College, be actively engaged or concerned in any way, either directly or indirectly, in any other business or undertaking where this is or is likely to be in conflict with the College's interests or the performance of the duties that the person has been employed for.

Apart from the occasional giving of lectures elsewhere, the writing of books and occasional literary materials, the appointee will not, during their tenure of office, undertake paid outside work unless they have received the permission of Vice President Academic Affairs (VPAA) to undertake such work on the terms and conditions as agreed for the particular undertaking in question. In every case, it is the duty of the appointee to seek in writing the prior permission of the VPAA. It is also the duty, in every case, of the appointee to inform the person or body for whom the work is being undertaken, that the work is being conducted in a private capacity and that the College cannot in any circumstances be responsible for such work.

### **Probationary Period**

The appointment is subject to satisfactory completion of the standard 6-month probationary period. The probationary period may be extended at the discretion of the College but will not in any case exceed 11 months. In the event that your employment is for a period that is less than the standard probationary period, then probation will apply for the full period of your employment. Absences during the period of probation will extend the probationary period. Performance and conduct during the probationary period will be monitored through a process of assessment meetings. Termination of employment during the probationary period, for any reason or no reason, will be at the discretion of the College. The disciplinary procedure will not apply to a dismissal during probation where the probationary employee has been employed by MIC for less than 12 months.

## **Hours of Attendance**

The normal full-time working week is 39 hours per week or 7.8 hours per day, Monday to Friday. The normal working week for the duration of the 0.5fte specified purpose contract is 19.5 hours per week or 3.9 hours per day, Monday to Friday. The appointee is expected to be habitually present and available to staff and students alike during normal College hours, Monday to Friday. The appointee may be required to work occasional evenings and weekends.

Academic staff members are required to supply students with an MIC e-mail address at which they can be contacted. They must also provide the College Authorities with a telephone number at which he/she may be contacted during non-semester times. However, under no circumstances will contact telephone numbers be given to students by College Authorities.

## **Salary**

The appointment will be made on the salary scale at a point in line with current Government Pay Policy. In keeping with all other branches of the Civil and Public Service, individual bargaining for salary increases is not allowed. New entrants to the Civil or Public Sector, as defined in Circular 18/2010, will commence on the first point of the salary scale.

With effect from 1<sup>st</sup> October 2023 the annual salary scale for Teaching Fellow is:

€35,022, €37,077, €38,044, €39,911, €41,083, €42,404, €43,644, €44,892, €45,854, €48,300

increments are awarded in line with national pay agreements.

Salary will be paid on a monthly basis on the 25th of each month, or the previous Friday if 25th falls on a weekend, using the Paypath facility. Payment of salaries and wages are subject to statutory deductions, i.e. Income Tax (PAYE), Superannuation Contributions, Pay Related Social Insurance (PRSI) and Universal Social Charge (USC).

## **Superannuation**

New entrants appointed will be required to participate in the Single Public Service Pension Scheme and pay Superannuation contributions at the appropriate rates in accordance with the provisions of the Public Service Pensions (Single Scheme and Other Provisions) Act, 2012. Details of this scheme can be obtained from the College's website.

All other eligible appointees are automatically included in the Colleges' of Education Pension Scheme on taking up appointment. In compliance with the Colleges of Education Pension Scheme, deductions amounting to 6.5% are made from salary. Details of the regulations concerning the Colleges' of Education Pension Scheme may be obtained from the College's Human Resources Office.

The appointee will be required to pay Additional Superannuation Contribution (ASC) under the provisions of the Public Service and Pensions Act 2017.

Appointees who commenced employment in the public service between 1st April 2004 and 31st December 2012 and have not had a break in employment of greater than 6 months will

have no mandatory retirement age. All other appointees will have a mandatory retirement age of 70.

### **Annual Leave**

In addition to Public Holidays, a minimum of 20 working days will be allowed per annum. Annual leave should be taken when students are off campus and the taking of leave must have the prior approval of the relevant Line Manager. Public Holidays are granted in accordance with the provisions of the Organisation of Working Time Act, 1997.

### **Sick Leave**

Employees who have a minimum 3 months continuous employment with the College may be granted sick pay subject to the terms of the Public Service Sick Leave Scheme. Sick pay is contingent on full cooperation and compliance with the Colleges absence management procedures.

### **Termination of Employment**

At least **one** calendar months written notice is required to resign this post.

On the termination of employment but before departing from the College, staff members are required to return to the College all books, reports, memoranda, correspondence, papers, records, reports, files including data held on electronic files, computer disks, electronically recorded discs, and any other documentation, and all other property, including office keys, belonging to the College or relating to its business or affairs which are in the possession of a staff member or under his/her control when the employment is terminated.

### **Confidentiality**

In the course of working in Mary Immaculate College, the person appointed may have access to or hear information concerning staff and/or students and/or the functioning and the business of the College. Such information acquired in the course of employment with the College, including any aspect of the College's responsibilities or operations, is considered to be confidential information. On no account must information concerning students, staff or other College business be divulged or discussed except in the performance of normal duties and, unless authorised to do so, this information shall not be communicated to a third party. In addition, records must never be left in a manner that unauthorised persons can obtain access to them and must be kept in safe custody when no longer required.

### **Health & Safety**

Mary Immaculate College attaches the highest regard to the safety, health and welfare of its employees. It is the duty of each employee to take reasonable care to protect the health and safety of themselves and of other people in the workplace. Each employee must comply with all health and safety policies and procedures in operation in Mary Immaculate College and familiarise him/herself with the Safety Statement.

Employees are obliged to wear any PPE (Personal Protective Equipment) that they may be provided with and no person shall intentionally or recklessly interfere with or misuse any

appliance, protective clothing or other equipment provided in the workplace for health and safety purposes. Employees are statutorily/legally obliged to ensure that any accidents/incidents which may occur are reported promptly to the Health and Safety Officer on the MIC Accident/Incident Report Form.

### **College Policies, Rules and Regulations**

The College is a Public Sector employer and is bound by National Agreements. It is also bound by regulations, circulars and directives issued on behalf of Government by the Department of Finance, the Department of Education, the Department of Further and Higher Education, Research, Innovation and Science and the Higher Education Authority.

Employees are at all times subject to the provisions of the Code of Conduct for Staff, College policies, rules and regulations. These policies include but are not confined to Disciplinary & Grievance Policies, Dignity at Work, Examination Rules & Regulations, Policy on Responsible Computing and Use of Information Technology Facilities. All policies are outlined on the College's Staff Portal for College employees. All employees are required to familiarise themselves with the contents of Policies and Procedures, on the College's Staff Portal.

## **5. APPLICATION AND SELECTION PROCESS**

### **Method of Selection for Recommendation**

#### *Shortlisting*

An expert group will convene to conduct shortlisting of applicants, measured against pre-determined criteria.

*The criteria that will be used to shortlist candidates for this appointment are:*

- a) A postgraduate degree in STEM education, discipline-specific STEM education (science, technology, engineering, mathematics), and/or Education;
- b) An undergraduate degree in Education, discipline-specific STEM Education (science, technology, engineering, mathematics) *or* a primary degree in Education with a STEM-related discipline or STEM;
- c) Prior teaching experience at primary level with interest/experience of one or more cognate areas: Science education; Mathematics education; ICT education; Engineering Education; STEM;
- d) Knowledge of contemporary developments in the field of STEM Education theory and practice;
- e) Evidence of competence to design and deliver teaching material across a range of STEM education modules and in a variety of different modes including face-to-face, online and blended learning environments;

Normally the number of applications received for a position exceeds that required to fill the position. While a candidate may meet the eligibility requirements of the competition, if the numbers applying for the position are such that it would not be practical to interview everyone, the College may decide that a limited number will be called to interview. This is not to suggest that other candidates are necessarily unsuitable to undertake the job, rather that there are some candidates, based on their application, appear to be better qualified and/or have more relevant

experience. It is incumbent, therefore upon the applicant, to ensure that all relevant information is included in their application and that they clearly identify how they meet the specified candidate criteria.

### **Interview**

A recommendation for appointment will be made by an Interview Board. The appointment will be based on this recommendation, except where considerations of health or an unsuitable record in previous employment warrants a departure. A panel will be formed from which appointments to the position of **Teaching Fellow in STEM Education** may be filled during the life of the panel (12 months).

### **Medical Examination**

For the purpose of satisfying requirements as to health, successful candidates, before being appointed, will be required to undergo pre-employment health screening.

### **Garda Vetting**

Successful applicants may be required to participate in Garda vetting. Specific instruction on this process will be given at the appropriate time. Applicants who do not comply with the College's requirements in this regard will be excluded from consideration for appointment. Applicants who have resided outside Ireland for a cumulative period of 36 months or more over the age of 18 years must furnish a Foreign Police Clearance (FPC) from the country or countries of residence. Please note; any costs incurred in this process will be borne by the applicant.

### **Applicants Outside European Economic Area (EEA)**

Mary Immaculate College welcomes applications from candidates outside the EEA, however such applicants should familiarise themselves with relevant Government policy before making an application. Further information from the Department of Enterprise, Trade and Employment is available here: [Economic migration policy - DETE \(enterprise.gov.ie\)](https://www.enterprise.gov.ie/en/economic-migration-policy)

### **Making of Applications**

Applications must be submitted on an official application form in typed format. Handwritten or incomplete applications will not be accepted. Application forms for this post may be downloaded from the Mary Immaculate College website. [www.mic.ul.ie/about-mic/vacancies](http://www.mic.ul.ie/about-mic/vacancies). Applications must be submitted by e-mail to [recruitment@mic.ul.ie](mailto:recruitment@mic.ul.ie) with the subject title **Teaching Fellow in STEM Education** no later than:

**2pm on Wednesday 6<sup>th</sup> December 2023**

Late applications **cannot** be accepted.

Applications will be acknowledged within 2 working days of submission. Please be sure to check Spam and Junk folders as it may be redirected here by your account preferences. If you



do not receive an acknowledgement within 2 working days of submitting your application please contact the HR Office by emailing [hr@mic.ul.ie](mailto:hr@mic.ul.ie).

The College will not be responsible for any expenses, including travelling expenses, which candidates may incur in connection with their candidature.

Canvassing will disqualify. Any attempt by a candidate either personally or through any other person, on their behalf, to canvass or otherwise influence the outcome of the selection/interview process in his/her favour will lead to disqualification from the competition. Any representations made on behalf of a candidate, without their knowledge will be ignored.

Mary Immaculate College is an equal opportunities employer. Mary Immaculate College holds an Athena SWAN Bronze Institution award in recognition of our commitment to advancing equality and opportunity for all in higher education.

*November 2023*