

CALL FOR APPLICATIONS (Call ID: 129/2026)

Post/s of Full-Time Research Support Officer I or II

Project BEAT-DP – “A Cognitive BEhAioural Therapy-Based Smart Patient-Centred System to Control Overactive Bladder”

Funded through the FUSION Technical Development Programme 2026 by Xjenza Malta

And any other projects undertaken by the Department of Industrial & Manufacturing Engineering, Faculty of Engineering.

1. Applications are invited for a Research Support Officer (RSO) to work on the BEAT-DP project, of which the University of Malta is the lead partner. The RSO may also be required to work on other projects undertaken by the Department of Industrial & Manufacturing Engineering, Faculty of Engineering.
2. Applicants must be in possession of a Bachelor's degree or a Master's degree in Information and Communication Technology. Applicants must also have an interest in the application of computer information systems in healthcare, and in persuasive technology. In addition, the person must be willing to learn areas related to the design of product-service systems, and to work in a multi-disciplinary team.

The University of Malta is an Equal Opportunity employer.

3. The selected candidate must be living in Malta for the period of employment.

4. The post is for a period of up to 36 months.
5. The initial remuneration per annum, inclusive of any cost-of-living adjustments shall be €27,207 (RSO I); or €30,327 (RSO II).
6. The successful candidate will be required to enrol in postgraduate studies and will be supervised by Dr Conrad Attard, Department of Information Systems, Faculty of Information and Communication Technology.
7. Candidates must upload their covering letter, curriculum vitae, and certificates (certificates should be submitted in English) and contact details of at least two referees **through this form** <https://www.um.edu.mt/hrmd/workatum-projects> by not later than **Thursday, 29th October 2026**.

Late applications will not be considered.

8. Further information may be obtained from <https://www.um.edu.mt/hr/recruitment/projects/> and should you have any queries, please send us an email on projects.hr@um.edu.mt.

Office of the University,
Msida, 8th October 2026

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Further Information

1. Overactive Bladder (OAB) is a highly prevalent condition that affects millions worldwide, including 17% of the U.S. population and approximately 22 million individuals in Europe. Characterised by urinary urgency, frequency, and nocturia, OAB substantially diminishes quality of life, disrupting daily routines and sleep, and contributing to anxiety, embarrassment, and psychological stress. Despite the availability of medications, neuromodulation implants, pelvic-floor training tools, bladder trackers, and mobile diaries, current solutions remain fragmented, event-based, or inaccessible. None provide a holistic, continuous, and personalised therapeutic pathway. This gap highlights the need for an innovative, patient-centred digital therapeutic. BEAT-DP aims to address this gap by developing an innovative smart patient-centred system to control overactive bladder. Further information may be obtained from Prof. Ing. Philip Farrugia at philip.farrugia@um.edu.mt. The RSO may be required to work on other projects undertaken by the Department of Industrial and Manufacturing Engineering, Faculty of Engineering.
 2. The RSO will be required to carry out the following tasks:
 - To carry out postgraduate research-related tasks;
 - To develop the Knowledge Discovery in Databases (KDD) model;
 - To develop synthetic data sets as deemed necessary;
 - To liaise with the project industrial partner to integrate KDD with app/serious game back end, compile research papers and reports;
 - To develop, train, test and evaluate Artificial Intelligence and Machine Learning models relevant to the project;
 - To carry out AI model testing and validation, including the evaluation of model performance, accuracy, robustness and reliability;
 - To investigate, develop and evaluate Generative AI approaches and models relevant to the project objectives;
 - To explore the use of Generative AI for data generation, analysis, decision support, content generation and other project-related applications, as appropriate;
 - To perform any other project-related task as instructed by the project coordinator and key experts; and;
 - To attend project internal meetings and consortium meetings.
 3. The appointee will be expected to work at such places and during such hours as may be determined by the University authorities.
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4. The selection procedure will involve:
 - a. scrutiny of qualifications and experience claimed and supported by testimonials and/or certificates (copies to be included with the application);
 - b. shortlisting; and
 - c. an interview and / or extended interview.
5. The post is for a period of up to 36 months, which will be subject to a probationary period and to the provisions of the Statutes, Regulations and Bye-Laws of the University of Malta which are now or which may hereafter be in force.

Office of the University,
Msida, 8th October 2026