



L-Università
ta' Malta

Human Resources
Management &
Development Office

University of Malta
Msida MSD 2080, Malta

Tel: +356 2340 2810
hrmd@um.edu.mt

www.um.edu.mt

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

ESAIRQ- EUREKA Cluster PENTA Project Environmental Sensors for Air Quality

Department of Microelectronics and Nanoelectronics, Faculty of Information and Communications Technology

1. Applications are invited for the post/s of Research Support Officer to work on the project ESAIRQ – Environmental Sensors for Air Quality. ESAIRQ is a project supported by the European Union within the EUREKA Cluster PENTA Initiative in which the University of Malta is a partner, financed by Malta Enterprise, the PENTA Initiative National Funding body.
2. Applicants must be in possession of a first degree, ideally in Engineering, ICT or related disciplines. Familiarity with research in the field of integrated circuit design, MEMS design, and/or wireless sensor network design together with previous experience in participation in international research projects will be considered an asset. Possession of a postgraduate degree in any of these disciplines is desirable but not mandatory.
3. This full-time post is for a period of three years and carries a starting annual salary of €20,800 for those in possession of a first degree, €24,960 for those in possession of a Master's degree.
4. Candidates must submit their letter of application, a copy of their curriculum vitae and a copy of their certificates by e-mail to projects.hrmd@um.edu.mt by not later than **Wednesday, 31st January 2018**.

Late applications will not be considered.

5. Further information may be obtained from the Office for Human Resources Management & Development or from the website: <http://www.um.edu.mt/hrmd/vacancies>.

Office of the University,
Msida, 17th January 2018



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Further Information

1. The Research Support Officer/s will be responsible for the execution of a number of tasks related to ESAIRQ, a project supported by the European Union under the EUREKA Cluster PENTA Initiative, in which the Department of Microelectronics and Nanoelectronics, University of Malta, is a partner. Further information about ESAIRQ may be obtained from Prof. Joseph Micallef at joseph.micallef@um.edu.mt. The Research Support Officer/s will report to the Department of Microelectronics and Nanoelectronics, University of Malta.
2. The main duties and responsibilities will consist in carrying out Research, Report writing and Project Management Assistant duties in three main areas: MEMS design, Integrated circuit (ASIC) design, and Wireless sensor network design. Typically, Research Support Officers will carry out:
 - a. Literature review of papers, books and other academic publications relevant to the research topic;
 - b. Design, modelling, implementation and programming, as necessary, of MEMS devices, ASIC devices and/or Wireless Sensor Network;
 - c. Testing and characterisation of MEMS prototypes, ASIC prototypes, Wireless Sensor network;
 - d. Analysis of research findings;
 - e. Writing of reports based on results; and
 - f. Organisation of, and participation in, dissemination activities relating to the project.
3. The appointees are expected to work at such places and during such hours as may be determined by the University authorities.
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); and
 - b. an interview and/or extended interview.

5. These posts are for a period of three years, which will be subject to a probationary period of 1 year 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.
6. Part of the duties involved in this post may contribute towards a postgraduate degree.

Office of the University,
Msida, 17th January 2018