

Call for Applications for a Research Grant

(1 vacancy for a Research Grant)

A call for applications is open for the award of one Research Grant (“Bolsa de Investigação”) within the scope of project “MADE4C - MAteriais, DEsign, Fabrício e Digitalização Avançada para Produtos Circulares”, funded by the COMPETE 2030 programme, under the following conditions:

Admission Requirements:

Candidates who meet both of the following requirements can apply for this Research Grant:

Requirement 1:

- Be enrolled in a Master of Science (MSc) program in Electrical, Mechanical, Industrial and Management Engineering, Data Analytics or a related field (verified at the time of hiring).
- , or
- Be enrolled in a non-degree granting program integrated into the educational framework of a higher education institution, developed in collaboration with one or more research and development (R&D) units (verified at the time of hiring).

Requirement 2:

- Hold a Bachelor of Science degree (BSc) in Electrical and Computer Engineering, in Mechanical Engineering, in Industrial Engineering and Management or related field (a requirement that must be verified at the time of hiring).

Note: If the qualification was awarded by a foreign higher education institution, it must comply with the provisions of the Portuguese Decree-Law No. 66/2018 of August 16, and any formalities established therein must be completed by the time of hiring.

Work plan:

The candidate will join a research team and is expected to contribute to the development of solutions in Automation, Predictive Maintenance, Product Development, Data Analytics with Machine Learning, and Production System Optimization. Proven experience in automation, data analytics and Machine Learning is valued. The candidate must be available for travel and field work whenever necessary for testing and validating solutions and should also contribute to the writing of the project's technical reports.

Applicable legislation and regulations: the granting of the research grant will be carried out through the signing of a grant contract between the Polytechnic University of Castelo Branco and the grantee, in accordance with the Statute of the Scientific Research Grant Holder enshrined in Law No. 40/2004, of August 18, and subsequent amendments, and the Regulations for Scientific Research Grants of the Polytechnic University of Castelo Branco.

Workplace: the work will be carried out at the School of Technology of the Polytechnic University of Castelo Branco, under the scientific guidance of Professor Pedro Miguel Baptista Torres.

Scholarship duration: the scholarship will last for 11 months, with a planned start date of 01/10/2026, and the respective scholarship contract may be renewed up to the maximum duration of the project (or service provision).

Monthly maintenance allowance: the scholarship amount corresponds to €1090.98, based on the table included in the Research Grant Regulations of the Foundation for Science and Technology, I.P. The scholarship is paid monthly via bank transfer. You may add Voluntary Social Security contributions to this amount.

Selection methods: the selection methods to be used will be the following: curriculum evaluation and interview, with respective weightings of 45% and 55% respectively.

Composition of the Selection Committee: President: Doctor Hugo Rafael de Almeida e Marques; Members: Doctor Paulo Jorge Coelho Marques; Doctor Luís Miguel Pedroso de Moura Correia; 1st Alternate Member: Doctor Gil Manuel Magalhães de Andrade Gonçalves (SYSTEC); 2nd Alternate Member: Doctor João Pedro Correia dos Reis (ARISE).

The president of the jury will be replaced in his absences or impediments by the first effective member.

Publication of the notice: this notice will be published on the EURAXESS Portal, in Portuguese and English, and on the website of the Polytechnic University of Castelo Branco (www.upcb.pt).

Method of publication/notification of results: the draft final ranking list and the final ranking list approved by the Rector of UPCB will be published on the UPCB website or the website of the respective Organic Unit, the Higher School of Technology, and posted in a visible and public place, with candidates being notified by email with delivery receipt.

Application deadline and submission method: the deadline for submitting applications will be ten working days following the publication of this notice, during normal business hours.

Applications must be formalized by submitting an application form accompanied by the following documents: (Curriculum vitae, academic and professional qualification certificates, and other supporting documents considered relevant), under penalty of exclusion of the candidate.

The application form is available in Mod.UPCB.RH.11, on the UPCB website.

Applications must be submitted in person between 9:00 and 12:30 and between 14:00 and 17:30 at the address indicated below, or sent by mail/email to the President of the Jury, hugo@ipcb.pt.

Or

A/c Professor Doutor Hugo Marques

Escola Superior de Tecnologia da Universidade Politécnica de Castelo Branco

Av. do Empresário - Campus da Talagueira

6000 - 767 Castelo Branco, Portugal