

**CALL FOR APPLICATIONS**

**ANNOUNCEMENT OF A RESEARCH INITIATION GRANT**

INED-IPC/Grant 2-2026

**Reference PRBI/9/2026**

A call is open for the award of a Research Initiation Grant (BII) for a holder of a Bachelor's degree, enrolled in a non-degree awarding course integrated in a higher education institution, within the scope of the Multiannual Funding of R&D Units 2025–2029, of the Centre for Research and Innovation in Education – INED, Coimbra Branch, reference UID/5198/2025, of the Polytechnic University of Coimbra, funded by the Foundation for Science and Technology (FCT), I.P., under the following conditions:

The grant aims to implement and develop the following activities:

1. Collect and analyze data related to development of didactic knowledge in mathematics using artificial intelligence in pre-service teachers for the Primary School, namely through the implementation of the Multimodal Narratives protocol;
2. Prepare and submit scientific articles.

**Scientific area:** Didactics of Mathematics

**Requirements:**

- Bachelor's degree in Basic Education;
- Enrolled in a non-degree-granting course integrated into the educational project of a higher education institution
- Training in Artificial Intelligence.
- Experience in:
  - a) Scientific Research in Didactics of Mathematics in Primary School and 2nd Grade School;
  - b) Implementation of the Multimodal Narratives protocol;
  - c) Writing of scientific publications in Didactics of Mathematics.

**Work Plan:**

The work plan will focus on initial teacher training for the Primary School, aiming to investigate the use of artificial intelligence tools in this context, as well as to support the collection and analysis of session data in accordance with the relevant protocol. Additionally, it will use of the Multimodal Narratives tool to describe these classroom practices (REFPESEC and Hypatiamat) in the PEdLab – Laboratory of Educational Practice, Artifacts, and Usability in Teaching and Learning, located at the School of Education of the Polytechnic University of Coimbra.

As an outcome of this work, scientific dissemination of the results includes the submission of at least one scientific article in the field of initial teacher education and the integration of artificial intelligence in education.

**Grant Duration:**

The grant has a duration of 6 **months**, renewable for an identical period under full-time conditions, in accordance with the **FCT Research Grants Regulation**, starting on **March 17, 2026**, and ending on December 31, **2029**, in line with the project completion date.

**Monthly Maintenance Allowance:**

€651.12 , according to the FCT table of research grants in Portugal ([www.fct.pt/apoios/bolsas/valores](http://www.fct.pt/apoios/bolsas/valores)), paid monthly by bank transfer.

This amount may be supplemented by voluntary social insurance corresponding to the first tier if the candidate opts for it. Personal accident insurance will also be provided.

**Workplace:**

The work will be carried out at **PEdLab – Laboratory of Educational Practice, Artifacts, and Usability in Teaching and Learning**, School of Education, Polytechnic University of Coimbra, under the scientific supervision of **Professors Fernando Manuel Lourenço Martins and Sónia Maria de Brito Costa**.

**Selection Criteria:**

Applications will be evaluated based on:

1. Candidate's merit (30%)
2. Curriculum vitae relevance (55%)
3. Motivation, expressed in a motivation letter (15%)

In the event of a tie, candidates will be interviewed.

**Permanent Members:**

- Professor Sónia Maria de Brito Costa (Chair)
- Professor Fernando Manuel Lourenço Martins
- Professor Sofia Margarida Correia Gonçalves

**Substitute Members:**

- Professor Sofia de Lurdes Rosas da Silva
- Professor Ana Carina Henriques Teodósio Moisão

**Application Documents:**

Applications must include the following documents:

- Application form available on the internet page for this competition at [https://www.ipc.pt/bupc/concursos/form/concursos\\_bolseiros](https://www.ipc.pt/bupc/concursos/form/concursos_bolseiros)

- Motivation letter
- Curriculum vitae
- Proof of academic degree/diploma required for the call (foreign degrees must comply with Decree-Law No. 66/2018, August 16);
- Proof of enrollment in the non-degree course integrated into the educational project of a higher education institution.
- Two reference letters or recommendation letters.

### **Application Deadline:**

**10 working days, from February 17 to March 2, 2026.**

Candidates must register and submit applications via [https://www.ipc.pt/bupc/concursos/form/concursos\\_bolseiros](https://www.ipc.pt/bupc/concursos/form/concursos_bolseiros), selecting the relevant procedure.

Applications must be delivered exclusively in digital format, in portable document format (pdf), with the exception of documents whose delivery is scheduled in other digital formats.

Application instructions are completed by filling in the sections available at the aforementioned link.

When formalizing the application, if it contains a classified document that reveals commercial or industrial secrets, or secrets relating to literary, artistic or scientific property, the candidate must expressly indicate such reservation, under penalty of the work in question being freely accessed by any one of the other candidates, in consultation with the process.

When submitting the application, the candidate must provide the data strictly necessary for the purpose, under the terms of this public notice, and must hide personal data that may exist in the documentation submitted, otherwise these data may be freely accessed by any of the other candidates, in the process query. Applicable legislation and regulations:

The awarding of scholarships is based on Law No. 40/2004 of 18 August (Statute of Scientific Research Scholarships), amended and republished by Decree-Law No. 202/2012 of 27 August, updated by: Decree-Law No. 233/2012, Law No. 12/2013, and Decree-Law No. 89/2013; the Scholarship and Research Regulations of the Foundation for Science and Technology in force ([www.fct.pt/apoios/bolsas/docs/RegulamentoBolsasFCT2015.pdf](http://www.fct.pt/apoios/bolsas/docs/RegulamentoBolsasFCT2015.pdf)), Order No. 12709/2016 published in DR, II series of 21/10/2016, of the Polytechnic Institute of Coimbra, regarding the IPC Scholarship Regulations.

The model scholarship contract and final reports to be prepared by the scholarship holder and the coordinator are those contained in the annexes to the Scientific Research Scholarship Statute mentioned above.

### **Applicable Legislation and Regulations:**

The grant is governed by:

- Law No. 40/2004, August 18 (Research Grant Holder Statute), as amended by Decree-Law No. 202/2012, August 27, and updated by Decree-Law No. 233/2012, Law No. 12/2013, and Decree-Law No. 89/2013;
- FCT Research Grants Regulation;
- Order No. 5963/2020 (Research Grant Holder Regulation of the Polytechnic Institute of Coimbra), amended by Rectification Declaration No. 742/2020.

The grant contract model and final reports to be prepared by the grant holder and scientific supervisor are included in the annexes of the Research Grant Holder Statute.



**Politécnico  
de Coimbra**

**Publication/Notification of Results:**

Final evaluation results will be published as an alphabetical list by final score, displayed publicly at the School of Education, with all candidates notified by email for prior consultation.

**EDITAL**



**Contact for More Information:**

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Coimbra, February 09, 2026