

CALL FOR APPLICATIONS
ANNOUNCEMENT OF A RESEARCH GRANT

INED-IPC/Grant 1-2026

Reference: PRBI/7/2026

A call is open for the award of a **Master's Research Grant** under 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 Institute 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 the development of computational thinking and didactic knowledge in mathematics among future teachers of the Primary School;
2. Prepare and submit scientific articles.

Scientific Area: Didactics of Mathematics

Requirements:

- Master's degree in teaching for the Primary School Training and 2nd Grade School Teaching in Mathematics and Experimental Sciences.;
- Enrollment in a PhD program in Science and Technology Education Research , with a specialization in Didactics of Mathematical Sciences.
- Experience in:
 - a) Scientific research, namely through participation in research projects, development of scientific work, or previous research grants;
 - b) Author or co-author of **at least four (4) scientific articles** published in the last two (2) years on **Computational Thinking in teacher training for the Primary School**, in journals indexed in **Scopus Q1 or Q2**;
 - c) Implementation of the **Multimodal Narratives (NM) construction protocol** within the Primary School and 2nd Grade School).

Work Plan:

The work plan will focus on data collection and analysis in the context of initial teacher training for the Primary School and practices aimed at developing Computational Thinking and didactic knowledge in mathematics 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.

The plan includes the systematization of results obtained and submission of **at least two scientific articles** in journals indexed in the Scopus database, based on the analyzed data, within research on the development of Computational Thinking and didactic knowledge in mathematics of future teachers of the Primary School.

Grant Duration:

The grant has a duration of **12 months**, renewable for an identical period under full-time conditions, in accordance with the **FCT Research Grants Regulation**, starting on **May 1, 2026**, and ending on **April 30, 2028**, in line with the project completion date.

Monthly Maintenance Allowance:

€1,309.64, according to the FCT table of research grants in Portugal (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 Institute 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.

Selection Committee:

The selection committee consists of:

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
- Elements of the National Identity Card/Citizen Card/Passport/Visa/Title of Residence; Tax Identification Number (NIF).:
- 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 PhD.
- Two reference letters or recommendation letters.

Application Deadline:

10 working days, from **11 February to 24 February, 2026**.

Candidates must access and register on the website: https://www.ipc.pt/bupc/concursos/form/concursos_bolseiros to submit the application, selecting the procedure for which they intend to apply.

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), 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.

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.

Contact for More Information:

Professor Fernando Martins – fmlmartins@esec.pt

Coimbra, January 22, 2026