

**NOTICE OF COMPETITION FOR FOUR RESEARCH INITIATION GRANTS FOR  
UNDERGRADUATED STUDENTS IN THE AREA OF INFORMATION SYSTEMS MANAGEMENT  
AND INFORMATION TECHNOLOGIES OR RELATED AREAS – SINES NEXUS PROJECT**

Bearing in mind Regulation No. 437/2020 on Research Grants of the Polytechnic Institute of Setúbal, published in the 2nd series of the Official Gazette No. 83, of April 28, it is made public that, by order of 26-03-2025 from Presidente of the IPS, a competition is open for the award of **four Research Initiation Grants (RIG) aimed at carrying out R&D activities for undergraduate students, in the area of Systems Management and Information Technologies or related areas**, within the scope of the Sines Nexus project, financed through Recovery and Resilience Program (PRR) **with the period for receiving applications from 03-04-2025 to 16-04-2025**, in accordance with the following conditions:

- 1. Duration of the Scholarship** - The grants last for 7 months, possibly renewable for up to 12 months, including the first contract, if it does not exceed the final execution date of the respective project.
- 2. Recipients** - The scholarship is intended for candidates with the following profile:
  - Students enrolled in a degree course in the areas of Information Systems Management and Information Technology, or related areas;
  - Knowledge of digital transformation applied to the project area;
  - Sense of responsibility and ability to communicate and integrate into multidisciplinary work teams.
- 3. Financial component** - According to the Table, contained in Annex I to the FCT Scholarship Regulation, approved by Regulation No. 950/2019, published in the Diário da República, 2nd series of December 16 (updated version), the value of the Scholarship corresponds to **651,12 €** being paid monthly, by bank transfer.
- 4. Workplace** - The work will be carried out exclusively at the Escola Superior de Ciências Empresariais under the scientific supervision of Professor Ana Mendes.

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**5. Activity plan** - The candidate will perform functions in one of the Work Packages (WP) in which IPS is participating:

- WP1 – Open Data Collaboration Platform and/or;
- WP2 – AI Powered Applications and/or;
- WP3 – Smart Gates and Smart Terminals and/or;
- WP5 – Smart Logistics

**6. Assessment and ranking criteria:**

**6.1. Curriculum and Motivational Letter Assessment (CV+ML) – (scale of 0-15 values)**

**a) Academic training (weighting of 0.30) - maximum 15 values**

Enrollment in a degree course in the areas of Information Systems Management and Information Technology	15 val.
Enrolment in a degree course in a related field	10 val.
Enrolment in a degree in another scientific area	0 val.

**b) Analysis of knowledge in international transport systems in the port area (weighting of 0,20) - maximum 15 values**

With knowledge and experience in the digital transformation process applied to the project area (e.g. participation in research projects, papers, communications, published articles).	15 val.
With knowledge of the digital transformation process applied to the project area.	10 val.
No knowledge of digital transformation processes.	0 val.

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**c) General analysis of the Curriculum Vitae (weighting 0,30) - maximum 15 values**

Very good	15 val.
Good	10 val.
Satisfies	5 val.
Does not satisfy	0 val.

**d) General analysis of the Letter of Motivations (weighting 0,20) - maximum 15 values**

Very good (presents motivational factors related to the activities to be performed as a scholarship holder duly framed in the role)	15 val.
Good	10 val.
Satisfies	5 val.
Does not satisfy	0 val.

**6.2. Selection Interview (scale of 0-5 values)**

In the interview, 4 evaluation parameters are defined and their classification results from the following formula:  $E=MI+TTK+CS+VEF$

- Motivation and Interest (MI)
- Theoretical and Technical Knowledge (TTK)
- Critical Sense (CS)
- Verbal Expression and Fluency, including in English (VEF)

Each parameter is valued from 0 points to 1.25 points according to the candidate's demonstration of competence or behavior.

When provided for in the competition notice, the interview is a compulsory and eliminatory selection method.

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- 6.3.** The classification of each candidate will be calculated by the sum of the values obtained in the **CURRICULAR EVALUATION** and in the **SELECTION INTERVIEW**.
- 6.4.** The classification of each candidate will be calculated by the sum of the values obtained in the selection methods specified in the previous point and the ordering of the candidates will be expressed on a scale of 0 to 20 values, rounded to the nearest tenth.
- 6.5.** For the candidate to be admitted, they must achieve a minimum total classification of 9.5 values and must have obtained at least half of the maximum possible score in Curriculum Assessment method.
- 6.6.** In the event of a tie, the one who achieved the highest rating in the Interview component will be used as the tiebreaker.
- 6.7.** Based on the final ranking list, a recruitment reserve will be created, which will be used to potentially hire successful candidates in the event of withdrawal from those placed in positions eligible for hiring.
- 7. Application documents** - The application must be accompanied by the following documentation:
- Letter of motivation addressed to the President of the IPS;
  - Candidacy form;
  - Detailed CV;
  - Certificates of qualifications for academic degrees held;
  - Proof of student status for the course and degree attended at a Portuguese Higher Education Institution, issued by the respective academic services;
  - Proof of residence permit in Portugal (for applicants without Portuguese citizenship).
- 8. How to submit your application** - The application must be made by filling out the standard form, available on the IPS website, at [www.ips.pt](http://www.ips.pt), in the Central Services/DICI/Research Grants tabs, and sent to [bolsas.investigacao.dgp@ips.pt](mailto:bolsas.investigacao.dgp@ips.pt) or through the address, Campus do IPS, Estefanilha, 2910 761 Setúbal, until the application deadline.

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**9. The jury is made up of:**

**President**

Professora Doutora Ana de Jesus Pereira Barreira Mendes, Professora Coordenadora da Escola Superior de Ciências Empresariais/IPS.

**Effective vowels**

Professor Doutor Tiago Miguel Santa Rita Simões de Pinho, Professor Coordenador da Escola Superior de Ciências Empresariais/IPS;

Professor Doutor Rui Miguel Gonçalves Neves Madeira, Professor Adjunto da Escola Superior de Tecnologia de Setúbal/IPS.

**Substitute members**

Professor Doutor Nelson Jorge Gaudêncio Carriço, Professor Adjunto da Escola Superior de Tecnologia do Barreiro/IPS;

Professor Doutor Vítor Manuel Meneses Barbosa, Professor Adjunto da Escola Superior de Ciências Empresariais/IPS.

- 10. Applicable legislation and regulations** - The scholarship is awarded under Law No. 40/2004 of August 18, in its updated version (Statute of the Scientific Research Fellow) and Regulation of Scholarships and Research of the Foundation for Science and Technology, available for consultation at <https://www.fct.pt/apoios/bolsas/regulamento.phtml.pt>

Instituto Politécnico de Setúbal.