

**NOTICE OF COMPETITION FOR A RESEARCH SCHOLARSHIP – MASTER STUDENTS IN THE AREA
OF PRODUCTION ENGINEERING – AERO NEXT 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 30-01-2026 from the President of the IPS, a competition is open for the award of a **Research Grant (BI)** aimed at carrying out R&D activities for **students enrolled in a Master degree, in the area of Production Engineering, under the Agenda Aero.Next Portugal – ILAN VR Program**, financed through Program of Recovery and Resilience (PRR), with the **period for receiving applications from 09-02-2026 to 20-02-2026**, in accordance with the following conditions:

- 1. Duration of the Scholarship** - The scholarship has a maximum duration of 4 months, provided that it does not exceed the final date of execution of the respective project, and a minimum duration of 3 months.
- 2. Recipients** - The scholarship is intended for candidates with the following profile:
 - Students enrolled in a master degree program in Production Engineering;
 - Fluency in spoken and written Portuguese;
 - Fluency in spoken and written English.
- 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 **€1040,98** being paid monthly by bank transfer.
- 4. Workplace** - The work will be carried out on an exclusive basis at the Department of Mechanical Engineering of the Escola Superior de Tecnologia de Setúbal, under the scientific guidance of Professor Anibal Valido.
- 5. Activity plan** - Development, production, assembly, configuration, and testing of a drone adapted for autonomous aircraft inspection, using additive manufacturing technology for the production of structural components.

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6. Assessment and ranking criteria:

6.1. Curriculum Assessment, consisting of the Degree of Alignment of the master's degree programme or the candidate's profile with the activities to be carried out as a scholarship holder (GA), general analysis of the Curriculum Vitae (CV) and motivation letter (CM) – (scale of 0-15 values).

a) Degree of alignment (GA) of the master's degree program with the activities to be carried out as a scholarship holder (weighting 0,35) - maximum 15 values

Fully aligned	15 val.
Partially aligned	12 val.
Not aligned	0 val.

b) General analysis of the Curriculum Vitae (CV) (weighting 0,35) - maximum 15 values

Very good	15 val.
Good	13 val.
Satisfies	7,5 val.
Does not satisfy	0 val.

c) General analysis of the Motivation Letter (CM) (weighting 0,30) - maximum 15 points

Very good (presents motivational factors related to the activities to be performed as a scholarship holder duly framed in the role)	15 val.
Good	13 val.
Satisfies	7,5 val.
Does not satisfy	0 val.

6.2. 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)

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- 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.

- 6.3.** Each candidate's score will be calculated by adding the scores obtained in the CURRICULUM EVALUATION and the SELECTION INTERVIEW.
- 6.4.** Each candidate's score will be calculated by adding up the scores obtained in the selection methods specified in the previous point, and the ranking of the candidates will be expressed on a scale of 0 to 20 points, rounded to the nearest tenth.
- 6.5.** For the candidate to be approved, they must achieve a minimum total score of 9.5 points and must have obtained at least half of the maximum possible score in the Curriculum Assessment component. Except in the situation provided for in point 6.7, the Selection Interview is a mandatory and eliminatory selection method.
- 6.6.** In the event of a tie, the tiebreaker criterion will be the highest score achieved in the Interview component.
- 6.7.** If there is only one admitted candidate who has obtained at least 9.5 points in the Curriculum Assessment classification, the jury may choose to waive the Selection Interview component.
- 6.8.** Based on the final ranking list, a recruitment reserve will be established, which will be used for the possible hiring of successful candidates in the event of withdrawal by those ranked 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 (signed);
 - Detailed CV;
 - Proof of student status for the course and degree attended at a Portuguese Higher Education Institution, issued by the respective academic services;

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- Registration of recognition of academic degrees awarded by foreign higher education institutions and registration of the conversion of the respective final classification to the Portuguese classification scale;
- Proof of residence in Portugal (for applicants who are not citizens of Portugal or another European Union Member State).

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, and sent to Bolsas.investigacao.dgp@ips.pt or through the address, Campus do IPS, Estefanilha, 2910 761 Setúbal, until the application deadline.

9. The jury is made up of:

President

Doctor Aníbal Jorge de Jesus Valido, Coordinating Professor at the Setúbal School of Technology/IPS.

Effective vowels

Doctor João Pedro Ribeiro Marques, Professor Adjunto Convidado da Escola Superior de Tecnologia do Setúbal/IPS;

Doutor Ricardo António Lamberto Duarte Cláudio, Professor Coordenador da Escola Superior de Tecnologia do Setúbal/IPS.

Substitute members

Doutor Nuno Humberto Costa Pereira, Professor Adjunto da Escola Superior de Tecnologia do Setúbal/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>

Polytechnic Institute of Setúbal