

CALL FOR GRANT APPLICATIONS (AE2024-0508)

INESC TEC is now accepting grant applications to award 1 within the scope of the Centro de Engenharia de Sistemas Empresariais (CESE) of the INESC TEC.

1. GRANT DESCRIPTION

Type of grant:

General scientific area: ENGINEERING

Scientific subarea: Systems engineering

Area of Work: Twin-transition systems and Remanufacturing

Grant duration: 12 months, starting on 2025-01-08

Scientific advisor: António Baptista

Workplace: INESC TEC, Porto, Portugal

Maintenance stipend: € , [according to the table of monthly maintenance stipend for FCT grants](#) , paid via bank transfer. Grant holders may be awarded potential supplements, according to a quarterly evaluation process (Articles 19, 21 and 22 of the [Regulations for Grants of INESC TEC](#) and Annex II), up to a maximum limit of 50% of the monthly maintenance stipend.

INESC TEC supports costs with registration, enrolment or tuition fees, during the grant duration, under the terms established in the internal document: "[Payment of Tuition fees to grant holders](#)".

The grant holder will benefit from health insurance, supported by INESC TEC.

2. OBJECTIVES:

Being part of a collaborative, diverse, international, socially responsible, multicultural and inclusive environment, with clear conditions for individual growth. Be able to have a good work-life balance through flexible working hours, a hybrid system (teleworking and face-to-face), time off, birthdays, health insurance with the possibility of extending it to family members, free parking, discounts on hotels, gyms, transports, among others.

3. BRIEF PRESENTATION OF THE WORK PROGRAMME AND TRAINING:

The activity to be developed will be centred in the subdomains of Twin Transition, with specific ations in the development of methodologies and tools to support industrial decision-making, namely Maturity Analysis and Definition of Business Transformation Roadmaps. In the context of the Circular Economy supported by digital tools and platforms, the role will involve the study of new approaches in the area of remanufacturing complex products in a European project environment.

4. REQUIRED PROFILE:

Admission requirements:

Master's degree in Electrical and Computer Engineering or related engineering areas.

Preference factors:

Knowledge or previous experience of developing methodologies for assessing the maturity and digital transformation of companies (SME). Knowledge of or previous experience in assessing the maturity of companies in the area of sustainability.

Minimum requirements:

Knowledge of the areas associated with the concept of Industry 4.0, in particular the Digitalisation of processes and companies, and the sub-domains associated with the Ecological Transition (sustainability and circularity of products and processes); knowledge of mechatronic products; proficiency in Portuguese and English (spoken and written).

5. EVALUATION OF APPLICATIONS AND SELECTION PROCESS:

Selection criteria and corresponding valuation: the first phase comprises the Academic Evaluation (AC), based on the criteria referred to in Article 12 of the [Regulations for Grants of INESC TEC](#), while the second phase comprehends the Individual Interview (EI). All factors are evaluated on a scale of 0 to 100, taking into account the applicants' merit, suitability and conformity with the preference factors.

The weight of the AC factors are as follows: Academic Qualifications (FA, %), Scientific Publications (PC, %), Experience (EX, %) and Motivation Letter (CM, %).

Candidates who score less than 50 points in the AC average will be considered excluded on absolute merit. The top five candidates approved on absolute merit will be qualified for the individual interview. The Final Grade (CF) is obtained by the weighted average of AC (%) and EI (%).

DISABILITY INCENTIVE

Candidates who present a degree of disability equal to or greater than 90% will benefit from an incentive (20) in the score of the CV Assessment.

Candidates who present a degree of disability equal to or greater than 60% and less than 90% will also benefit from an incentive (10) in the score of the CV Assessment.

Said score may, in these cases, exceed 100 points.

Candidates must demonstrate the degree of disability during the application, namely through the submission of the Multi-Purpose Medical Certificate of Disability, issued in accordance with Decree-Law no. 202/96, of October 23 - currently in effect.

Candidates must declare, in the application form, the type of disability used throughout the selection process, in order to proceed with the required adaptations.

The Selection Jury is composed of the following members:

President of the Jury: Américo Azevedo

Full member: António Baptista

Full member: António Henrique Almeida

Substitute member: António Lucas Soares

Release of results and prior hearing: the results of the selection process, as well as the terms and procedures for prior hearing, will be released to the applicants by email, under the terms referred to in Article 13 of the Regulations for Studentships and Fellowships of INESC TEC.

6. FORMALISATION OF APPLICATIONS:

Application Documents:

1. Motivation letter;
2. Curriculum Vitae (must include the list of previous fellowships, their type, beginning and end dates, funding entities and host institutions);
3. Certificate or diploma degree;

4. Documental evidence to support the country of residence, residence permit or other legally equivalent document, in cases where the applicant is a foreigner or non-resident in Portugal - valid until the beginning of the grant.
5. Other supporting documents relevant to the final assessment.

Failure to deliver the required documents within the 90-day period after the date of the notice of the conditional awarding of the grant implies its cancellation.

Application period: From 2024-11-29 to 2024-12-12

Submission of applications: the application will be formalised by submitting the form available in the *Work With Us* section of INESC TEC website.

7. BINDING LEGISLATION AND REGULATION

The hiring process shall comply with the current legislation regarding the Research Grant Holder Statute, approved by Law no. 40/2004 of August 18, in its current wording, as well as by the [Regulations for Grants of INESC TEC](#) and for [FCT Grants Regulation in force](#).

For more information, please check the [Regulations for Grants of INESC TEC](#) and relevant annexes at www.inesctec.pt/bolsas