

CALL FOR GRANT APPLICATIONS (AE2021-0313)

INESC TEC is now accepting grant applications to award 1 Post Doctoral Research Grant (BIPD) within the scope of the Plurianual_LA funded by National Funds through FCT - Portuguese Foundation for Science and Technology, I.P., project (reference LA/P/0063/2020)

1. GRANT DESCRIPTION

Type of grant: Post Doctoral Research Grant (BIPD)

General scientific area: ECONOMICS,ENGINEERING

Scientific subarea: Management studies,Systems engineering

Grant duration: 6 months, starting on 2022-02-01, with the possibility of being renewed for a maximum term of three years.

Scientific advisor: Ana Camanho

Workplace: INESC TEC, Porto, Portugal

Maintenance stipend: € 1646,00, according to the table of monthly maintenance stipend for FCT grants (<http://www.fct.pt/apoios/bolsas/valores>), 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:

- To develop efficiency measurement models and performance assessment methods for application in sectors with high impact at public policy level (e.g., health, water and sanitation);
- Hybridize the lines between frontier techniques and multi-criteria decision analysis, involving experts and policy makers in the modelling process;
- Focus on expanding trends in the literature of frontier techniques, namely involving bootstrapping and two-stage analysis, undesirable factors or network Data Envelopment Analysis;
- To materialize the research activities through the production of scientific publications in international peer-reviewed journals.

3. BRIEF PRESENTATION OF THE WORK PROGRAMME AND TRAINING:

The grant holder's work is inserted in a line of R&D whose theme is related to efficiency measurements and performance assessment in key sectors for the sustainable development of society. The scientific-technological aspects involved are focused on the development of models using frontier techniques and multicriteria decision analysis in line with the trends in the literature in order to provide information to support public policies and increase the productivity and efficiency of organisations.

4. REQUIRED PROFILE:

Admission requirements:

PhD in Industrial Engineering and Management ou similar área. Master in an Engineering area.

The PhD degree must have been obtained within the three years prior to the date of submission of the application and the research work leading to the award must have been carried out at a host entity other than INESC TEC.

Preference factors:

Author of papers in the areas of Data Envelopment Analysis and Multicriteria Decision Analysis.

Minimum requirements:

Doctoral Degree.

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, 35%), Scientific Publications (PC, 20%), Experience (EX, 10%) and Motivation Letter (CM, 35%).

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 (90%) and EI (10%).

The Selection Jury is composed of the following members:

President of the Jury: Ana Camanho

Full member: Pedro Amorim

Full member: Teresa Galvão

Substitute member: Vera Miguéis

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 dully recognised in Portugal;
 - Documents proving the awarding of academic degrees and diplomas, or the according recognition - in cases of academic degrees or diplomas granted by a foreign higher education institution - can be dismissed in the application process, and replaced by the applicant's declaration of honour, with the verification of said condition taking place during the grant's hiring stage. The submission of the certificate is mandatory when signing the contract.
 - Academic degrees or diplomas awarded by a foreign higher education institution require an authentication by a Portuguese higher education institution, and the corresponding registration on the DGES platform, in conformity with Decree-Law no. 66/2018, of August 16, and Ordinance no. 33/2019, of January 25. More information available on the website <https://www.dges.gov.pt/pt/pagina/reconhecimento?plid=374>
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 2021-12-22 to 2022-01-07

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

