

CALL FOR APPLICATIONS: TECHNICAL STAFF

Job reference:	AE2024-0220 (ATE - CAP) INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Position:	Technical Staff
Regime and location:	Hybrid - INESC TEC in Porto
Work field:	R&D&I support

Job summary:

INESC TEC is an R&D institution that aims to create a sustainable future through science, technology and innovation with an impact on society, and is accepting applications for Technical Staff in the R&D&I support area.

Responsible: Luís Carlos Coelho

Duration of the contract: from 2024-09-01 to 2025-08-31 (renewable)

Location: INESC TEC, Porto, Portugal

Job description:

Work Area: R&D&I support

Job description: It is part of a project that aims to develop and implement optical sensors in an industrial context. Different types of sensors will be applied to monitor the curing of concrete structures that will support offshore wind turbines, the quality of the surrounding water and gas distribution systems. This grant is intended to support the manufacturing of the various sensors to be developed, for testing and implementation in an industrial environment.

Objectives: The candidate will carry out a wide range of activities including: - Design of electronic circuits and manufacturing of printed circuit boards; - Control of lighting sources, water circulation pumps, valves, etc.; - Programming different types of microcontrollers and microprocessors; - Packaging of the produced sensors; - Development of prototypes; - Handling gases and liquids systems.

Benefits and advantages:

- Be part of a collaborative, diverse, international, socially responsible, multicultural and inclusive environment with experts in systems administration and artificial intelligence, with clear conditions for individual growth.
- Be able to have a good work-life balance through flexible working hours, hybrid working arrangements (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, transport, among others.

Requisites and Qualifications:

Academic Qualifications: Have completed a Bachelor's Degree or Professional Technical Course in Electrical/Electronic Engineering or equivalent.

Minimum profile required: Advanced knowledge in: Analog and digital electronics; Programming languages; Microcontroller programming, data analysis, communication and control.

Preference factors: Knowledge of optoelectronic systems. Experience in CAD design and 3D printing for prototyping.

Type of contract: fixed-term contract

The hiring shall be governed by what is stipulated in the legislation in force regarding fixed-term employment contracts and by INESC TEC norms

Application process: Filling in the fields in the "Submit Application" section on INESC TEC's website.

The candidates who fulfill the minimum requirements will be admitted to the assessment and selection phase

Evaluation and selection methodology:

Consisting of two phases, the first involves a Curriculum Assessment (CA) and the second an Individual Interview (IE).

All parameters are assessed on a scale of 0 to 100, taking into account merit, suitability and preference factors.

The CA parameters and their respective weights are:

- Professional Experience (PE, 30%): Years of relevant experience in the position (15%); Relevance of previous positions (15%)
- Academic Background (AF, 30%): Highest academic degree obtained (0%); Relevance of courses to the position (30%)
- Additional Certifications and Qualifications (CQ, 40%): Additional certifications/training relevant to the position (10%); Verification of preference factors (30%)

Candidates with AC < 50 are excluded on absolute merit. The best five candidates who are not excluded on absolute merit are called for the IE. The Final classification (FC) is obtained from the AC (70%) and the IE (30%).

**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.

Selection Jury

President of the Jury: Luís Carlos Coelho
Member: José Almeida
Member: João Pedro Mendes

Notification of results:

The results of the selection process will be sent to the interested by electronic mail.

Application period:

From 2024-06-27 a 2024-08-09

Application submission:

Electronic form filling in www.inesctec.pt in the section [WORK WITH US](#)