

INESC TEC | Research Initiation Grant (AE2025-0120)
INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=254412>

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Posted Mar. 17, 2025, set to expire Jul. 14, 2025

Job Title	INESC TEC Research Initiation Grant (AE2025-0120)
Department	CRIIS
Institution	INESC TEC PORTO, , Portugal
Date Posted	Mar. 17, 2025
Application Deadline	Mar. 26, 2025
Position Start Date	Mar. 13, 2025
Job Categories	Graduate Student Graduate Student
Academic Field(s)	Engineering - Other Engineering - Other Robotics Robotics
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Job Description	

Research Opportunities

Robotics

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Work description

- Study of the EDIBON Computer Controlled Process Control (<https://www.edibon.com/en/computer-controlled-process-control-electronic-valve>).
- Specific study of each sensor and actuator.
- Development of some performance tests with open loop control.
- Development of some performance tests in closed loop control.
- Write the scholarship activity report with some proposal of experiments using the system.

Academic Qualifications

- Bachelor's Degree in Electrical and Computer Engineering.
- Enrollment in the master's degree in Electrical and Computer Engineering.

Minimum profile required

- Knowledge in programming, sensors, actuators and feedback process control, through the frequency of related Curricular Units.

Preference factors

- Previous participation in extra-curricular activities related to robotics (Portuguese Robotics Open, Extra-curricular Robotics Groups, summer internships in robotics, etc.).

Maintenance stipend: € 651,12, 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.

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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.

Application Period

Since 13 Mar 2025 to 26 Mar 2025

Centre

Robotics in Industry and Intelligent Systems

Scientific Advisor

[António Paulo Moreira](#)

What we offer

- **Multicultural and collaborative environment**
- A multicultural, international and collaborative environment that makes it easier to exchange ideas, work in networks and create synergies.
- **International projects**
- The possibility of working in international projects with some of the most important companies in the field.
- **Mentoring**
- Mentoring with the best researchers in the fields of electrical and industrial engineering, bioengineering, information technology and physics.
- **Self Improvement**

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- The possibility of participating in international conferences, workshops, seminars and vocational training.
- **Other Benefits and Perks**
- Flexible working time, health insurance, discounts in hotels, transportation, etc.
- **Informal Events**
- Annual informal events, such as the multicultural party.

For more information: [Click Here](#)

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

Portugal

Contact E-mail rh@inesctec.pt