

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

### INESC TEC

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

Downloaded On: Jun. 1, 2025 8:13am

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

<b>Job Title</b>	INESC TEC   Research Initiation Grant (AE2025-0120)
<b>Department</b>	CRIIS
<b>Institution</b>	INESC TEC PORTO, , Portugal
<b>Date Posted</b>	Mar. 17, 2025
<b>Application Deadline</b>	Mar. 26, 2025
<b>Position Start Date</b>	Mar. 13, 2025
<b>Job Categories</b>	Graduate Student Graduate Student
<b>Academic Field(s)</b>	Engineering - Other Engineering - Other Robotics Robotics
<b>Apply Online Here</b>	<a href="https://www.inesctec.pt/en/form/notice/5369">https://www.inesctec.pt/en/form/notice/5369</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

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