

## INESC TEC | Research Grant (AE2025-0185) INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=256550>

Downloaded On: Jul. 12, 2025 8:01pm

Posted May 5, 2025, set to expire Sep. 4, 2025

<b>Job Title</b>	INESC TEC   Research Grant (AE2025-0185)
<b>Department</b>	CRIIS
<b>Institution</b>	INESC TEC PORTO, , Portugal
<b>Date Posted</b>	May 5, 2025
<b>Application Deadline</b>	May 15, 2025
<b>Position Start Date</b>	May 2, 2025
<b>Job Categories</b>	Graduate Student
<b>Academic Field(s)</b>	Engineering - Other Robotics
<b>Apply Online Here</b>	<a href="https://www.inesctec.pt/en/form/notice/5431">https://www.inesctec.pt/en/form/notice/5431</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

Research Opportunities

### Mobile Robotics

#### Work description

- Integration with ROS and RealSense camera;
- Annotation of datasets for training neural networks;
- Training of neural networks;
- Integration of the trained model into a pipeline for subsequent estimation of the position of the

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metal box.

- Laboratory Tests of the Developed Solution;

### Academic Qualifications

- Candidate must be enrolled in an undergraduate and/or master's degree in electrical engineering, computer science or similar;

### Minimum profile required

- Candidate must be enrolled in an undergraduate and/or master's degree in electrical engineering, computer science or similar;
- Experience in C/C++ and/or Python programming.

### Preference factors

- Participation in extracurricular activities related to robotics or automation is valued;
- Knowledge of Artificial Intelligence (AI) frameworks;
- Knowledge of ROS;
- Knowledge of computer vision;

**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.

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".

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

### Application Period

Since 02 May 2025 to 15 May 2025

### Centre

Robotics in Industry and Intelligent Systems

### Scientific Advisor

[João Pedro Souza](#)

### 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**
- The possibility of participating in international conferences, workshops, seminars and vocational training.
- **Other Benefits and Perks**

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- 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