

INESC TEC | Research Grant (AE2024-0402)  
INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=245840>

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Posted Sep. 26, 2024, set to expire Jan. 26, 2025

<b>Job Title</b>	INESC TEC   Research Grant (AE2024-0402)
<b>Department</b>	CRIS
<b>Institution</b>	INESC TEC PORTO, , Portugal
<b>Date Posted</b>	Sep. 26, 2024
<b>Application Deadline</b>	Oct. 9, 2024
<b>Position Start Date</b>	Sep. 26, 2024
<b>Job Categories</b>	Graduate Student
<b>Academic Field(s)</b>	Engineering - Other
<b>Apply Online Here</b>	<a href="https://www.inesctec.pt/en/form/notice/5082">https://www.inesctec.pt/en/form/notice/5082</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

Research Opportunities

## Robotics and Automation

### Work description

The work to be carried out is part of the activities of the Center for Industrial Robotics and Intelligent Systems, in particular in laboratory support in work related to the development of robot prototypes and automation systems, which involve, among others, the development and manufacture of electronic boards , and electrical and mechatronic systems.

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### **Academic Qualifications**

Degree in Electrical Engineering and related areas

### **Minimum profile required**

- Enrolled in a Master's course after work hours.
- Programming knowledge.
- Knowledge of 2D and 3D CAD design software.
- Knowledge of designing electronic systems and electrical diagrams and software to support these tasks.
- Knowledge of programming microcontrollers or other embedded systems

### **Preference factors**

- Robotics knowledge;
- Experience in C/C++ programming;
- Knowledge of programming and using 3D printers;
- Experience in the production of mechanical parts using lathes and mills;
- Ability to work in a large team;
- Demonstrate great organizational, communication and interpersonal skills;
- Experience in electrical assemblies and/or electrical panels;
- Experience assembling mechatronic systems;

### **Application Period**

Since 26 Sep 2024 to 09 Oct 2024

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### Centre

Robotics in Industry and Intelligent Systems

### Scientific Advisor

[Luís Freitas Rocha](#)

### 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**
- 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

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**Contact**

Portugal

**Contact E-mail**    rh@inesctec.pt