

## INESC TEC | Research Grant (AE2024-0325) INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=242812>

Downloaded On: Aug. 10, 2024 5:23pm

Posted Aug. 7, 2024, set to expire Dec. 7, 2024

<b>Job Title</b>	INESC TEC   Research Grant (AE2024-0325)
<b>Department</b>	CRIS
<b>Institution</b>	INESC TEC PORTO, , Portugal
<b>Date Posted</b>	Aug. 7, 2024
<b>Application Deadline</b>	Aug. 14, 2024
<b>Position Start Date</b>	Aug. 1, 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/5012">https://www.inesctec.pt/en/form/notice/5012</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

Research Opportunity

### Automation

### Work description

- Setting up the Specim FX17 hyperspectral camera and its test infrastructure.
- Study of the software developed for fiber classification based on hyperspectral images.
- Integration of the same with a color classification system.
- Correlational study of color versus hyperspectral response.
- Support for the development of the automation solution for separating fabrics once classified.

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- Testing and validation in a laboratory environment

### Academic Qualifications

Candidate must be enrolled in a bachelor's and/or master's degree in electrical engineering, computer science or similar;

### Minimum profile required

- Candidate must be enrolled in a bachelor's and/or master's degree in electrical engineering, computer science or similar;
- Experience in programming and digital systems;

**Maintenance stipend:** € 601,12, 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". The grant holder will benefit from health insurance, supported by INESC TEC.

### Preference factors

Participation in extracurricular activities in the area of ??digital systems is valued

### Application Period

Since 01 Aug 2024 to 14 Aug 2024

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### Centre

Robotics in Industry and Intelligent Systems

### Scientific Advisor

[Hélio Mendonça](#)

### 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](#)

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**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