

## INESC TEC | Research Initiation Grant (AE2025-0136)

### INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=254440>

Downloaded On: May. 31, 2025 8:00pm

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

<b>Job Title</b>	INESC TEC   Research Initiation Grant (AE2025-0136)
<b>Department</b>	CBER
<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
<b>Academic Field(s)</b>	Engineering - Other Electrical and/or Electronics Bioengineering (all Bio-related fields)
<b>Apply Online Here</b>	<a href="https://www.inesctec.pt/en/form/notice/5386">https://www.inesctec.pt/en/form/notice/5386</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

Research Opportunities

**Research and develop new signal and image processing methods in the Neuroengineering area.**

### Work description

The Biomedical Engineering Research Center (C-BER) of INESC TEC has been developing new signal and image processing methods to support the diagnosis and follow-up of neurological diseases,

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namely Parkinson's disease and Epilepsy.

This scholarship aims to include the candidate in a working team in this area in order to actively contribute to the research of new signal and image processing algorithms in neuroengineering.

### Academic Qualifications

- Student in Biomedical Engineering, Electrical and Computer Engineering or similar areas.

### Minimum profile required

- Extensive knowledge of biomedical signal and image processing methods.
- Some knowledge of machine learning techniques and advanced statistics.
- Prior familiarity with the neuroengineering sector and its challenges.

### Preference factors

- Previous development of signal processing algorithms in the health area.
- Willingness to continue the work on a master's thesis work.

**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 13 Mar 2025 to 26 Mar 2025

### Centre

Biomedical Engineering Research

### Scientific Advisor

[Duarte Filipe Dias](#)

### 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**

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- 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