

INESC TEC | Research Initiation Grant (AE2025-0135)
INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=254439>

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

Job Title	INESC TEC Research Initiation Grant (AE2025-0135)
Department	CBER
Institution	INESC TEC PORTO, , Portugal
Date Posted	Mar. 17, 2025
Application Deadline	Mar. 26, 2025
Position Start Date	Mar. 13, 2025
Job Categories	Graduate Student
Academic Field(s)	Engineering - Other Electrical and/or Electronics Bioengineering (all Bio-related fields)
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Job Description	

Research Opportunities

Research and develop new signal and image processing methods in the Biomedical area

Work description

Monitoring of biomedical signals has been growing exponentially with the introduction of new wearables in the market. Their analysis and understanding is of utmost importance to provide objective

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and explainable information to their users and often even to the clinicians involved.

This grant aims to work with new wearable devices developed by C-BER to obtain and process biomedical signals and apply processing and classification techniques according to defined scenarios.

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 healthcare 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