

**INESC TEC | Research Grant (AE2024-0277)**  
**INESC TEC**

Direct Link: <https://www.AcademicKeys.com/r?job=242704>

Downloaded On: Aug. 9, 2024 11:24am

Posted Aug. 5, 2024, set to expire Dec. 5, 2024

<b>Job Title</b>	INESC TEC   Research Grant (AE2024-0277)
<b>Department</b>	CBER
<b>Institution</b>	INESC TEC PORTO, , Portugal
<b>Date Posted</b>	Aug. 5, 2024
<b>Application Deadline</b>	Aug. 7, 2024
<b>Position Start Date</b>	Jul. 25, 2024
<b>Job Categories</b>	Graduate Student
<b>Academic Field(s)</b>	Computer Science Engineering - Other
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<b>Apply By Email</b>	
<b>Job Description</b>	

Research Opportunity

**Application of signal/image processing and computer vision methods in monitoring human movement**

**Work description**

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Motion analysis has been one of the Biomedical Engineering Research Center's main scientific focuses, and the aim is to study computer vision and image and signal processing techniques for analyzing human body motion in different clinical and non-clinical scenarios.

It will also be necessary to apply deep learning and machine learning techniques and prepare scientific documents with the results obtained, as well as discussing them with the research team.

### Academic Qualifications

Biomedical Engineering, Engineering and Data Science, Electrical and Computer Engineering, similar areas

### Minimum profile required

Knowledge of image and biomedical signal analysis and the application of computer vision techniques in the field of human movement.

### Preference factors

Knowledge of RGB image analysis and computer vision architecture for action recognition and quantification.

**Maintenance stipend:** € 1259,64, 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.

### Application Period

Since 25 Jul 2024 to 07 Aug 2024

### Centre

Biomedical Engineering Research

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### 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**
- 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

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