

INESC TEC | Research Grant (AE2024-0335)
INESC TEC

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Posted Aug. 30, 2024, set to expire Dec. 30, 2024

Job Title	INESC TEC Research Grant (AE2024-0335)
Department	CAP
Institution	INESC TEC PORTO, , Portugal
Date Posted	Aug. 30, 2024
Application Deadline	Sep. 10, 2024
Position Start Date	Aug. 8, 2024
Job Categories	Graduate Student
Academic Field(s)	Engineering - Other
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Job Description	

Research Opportunities

Configuration and use of commercial systems for analyzing samples using analytical methods

Work description

This work is part of a project that aims to develop and implement optical sensors in an industrial context on floating concrete structures in the ocean with assessment of the quality of the surrounding water.

The aim of this scholarship is to study and operate different analytical systems for analyzing liquid

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samples, namely gas chromatography with and without mass spectrometry through flow injection analysis (FIA).

Academic Qualifications

Master in Biochemistry

Minimum profile required

Advanced experience in:

- Optical microscopy.
- UV/VIS spectroscopy.
- Technique for characterizing nano-materials.
- Laboratory techniques in organic and inorganic chemistry.
- Biology and molecular biology laboratory techniques.
- Data analysis software.

Preference factors

- Training in organic and inorganic chemistry laboratory techniques.
- Spectroscopy training, organic and inorganic chemistry.
- Training in nano-materials characterization techniques.

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".

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The grant holder will benefit from health insurance, supported by INESC TEC.

Application Period

Since 08 Aug 2024 to 10 Sep 2024

Centre

Applied Photonics

Scientific Advisor

[José Almeida](#)

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**

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- 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

Contact E-mail rh@inesctec.pt