

INESC TEC | Research Grant (AE2024-0147)

INESC TEC

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| Job Title | INESC TEC Research Grant (AE2024-0147) |
| Department | CAP |
| Institution | INESC TEC PORTO, , Portugal |
| Date Posted | Apr. 19, 2024 |
| Application Deadline | May 3, 2024 |
| Position Start Date | Apr. 18, 2024 |
| Job Categories | Graduate Student |
| Academic Field(s) | Bioengineering (all Bio-related fields) Engineering - Other |
| Apply Online Here | https://www.inesctec.pt/en/form/notice/4847 |
| Apply By Email | |
| Job Description | |

Research Opportunity

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 samples, namely gas chromatography with and without mass spectrometry through flow injection

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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.

Application Period

Since 18 Apr 2024 to 03 May 2024

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.

Centre

Applied Photonics

Scientific Advisor

Luís Carlos Coelho

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Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

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