

INESC TEC | Research Grant (AE2024-0121)

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Posted Mar. 25, 2024, set to expire Jul. 21, 2024

Job Title	INESC TEC Research Grant (AE2024-0121)
Department	CAP
Institution	INESC TEC PORTO, , Portugal
Date Posted	Mar. 25, 2024
Application Deadline	Apr. 5, 2024
Position Start Date	Mar. 21, 2024
Job Categories	Graduate Student
Academic Field(s)	Engineering - Other
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Job Description	

Research Opportunity

Development of optical sensors and instrumentation to implement in aquatic systems

Work description

Aquaculture intensification and the high demand for energy production have raised environmental concerns. It is imperative to understand the impact of those activities on both human and planet life. To secure the long-term viability of both sectors, it is imperative to enhance current technologies and management strategies.

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This scholarship will be carried out within the scope of the European project INNOAQUA, which aims to develop and implement optical technology in an industrial context for the evaluation of several water parameters.

Academic Qualifications

Master's degree in Physics Engineering or similar

Minimum profile required

- Experience in operating optoelectronic systems.
- Experience in programming microcontrollers and data analysis software development.
- Basic knowledge in chemistry.

Preference factors

- Master's degree in physics engineering.
- Practice in experimental work with optical systems, namely using fiber optics.
- Experience in the development of prototypes.

Application Period

Since 21 Mar 2024 to 05 Apr 2024

Centre

Applied Photonics

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Scientific Advisor

[Luís Carlos Coelho](#)

For more information: <https://www.inesctec.pt/en/opportunities/development-of-optical-sensors-and-instrumentation-to-implement-in-aquatic-systems-AE2024-0121>

Contact Information

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

Contact

Portugal

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