

INESC TEC | Research Grant (AE2024-0041)  
INESC TEC

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Posted Feb. 1, 2024, set to expire Jun. 2, 2024

<b>Job Title</b>	INESC TEC   Research Grant (AE2024-0041)
<b>Department</b>	CAP
<b>Institution</b>	INESC TEC PORTO, , Portugal
<b>Date Posted</b>	Feb. 1, 2024
<b>Application Deadline</b>	Feb. 28, 2024
<b>Position Start Date</b>	Feb. 1, 2024
<b>Job Categories</b>	Graduate Student
<b>Academic Field(s)</b>	Engineering - Other Engineering Physics
<b>Apply Online Here</b>	<a href="https://www.inesctec.pt/en/opportunities/development-of-optical-sensors-and-instrumentation-to-implement-in-aquatic-systems-AE2024-0041">https://www.inesctec.pt/en/opportunities/development-of-optical-sensors-and-instrumentation-to-implement-in-aquatic-systems-AE2024-0041</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

Research Opportunity

## Development of optical sensors and instrumentation to implement in aquatic systems

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### 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. 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 01 Feb 2024 to 28 Feb 2024

### Cluster / Centre

Networked Intelligent Systems / 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.

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