

**INESC TEC | Researcher (AE2025-0167)**  
**INESC TEC**

Direct Link: <https://www.AcademicKeys.com/r?job=255632>

Downloaded On: Apr. 19, 2025 8:43am

Posted Apr. 11, 2025, set to expire Aug. 11, 2025

<b>Job Title</b>	INESC TEC   Researcher (AE2025-0167)
<b>Department</b>	CAP
<b>Institution</b>	INESC TEC PORTO, , Portugal
<b>Date Posted</b>	Apr. 11, 2025
<b>Application Deadline</b>	Apr. 27, 2025
<b>Position Start Date</b>	Apr. 10, 2025
<b>Job Categories</b>	Graduate Student
<b>Academic Field(s)</b>	Engineering - Other
<b>Apply Online Here</b>	<a href="https://www.inesctec.pt/en/form/notice/5412">https://www.inesctec.pt/en/form/notice/5412</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

Research Opportunities

**Development of an instrumentation system for water quality monitoring**

**Work description**

The high demand for energy production, especially in offshore environments, raises environmental concerns. Understanding the impact of these activities on human life and the ocean is essential. To ensure the viability of expanding and implementing different technologies, it is essential to improve existing technologies and management strategies.

## INESC TEC | Researcher (AE2025-0167) INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=255632>

Downloaded On: Apr. 19, 2025 8:43am

Posted Apr. 11, 2025, set to expire Aug. 11, 2025

This position aims to develop and implement various optical technologies for monitoring industrial effects on the surrounding water.

### Academic Qualifications

- Master's degree in physics engineering.

### Minimum profile required

- Knowledge of optoelectronic systems. Experience in microcontroller programming and in developing software for analysis and control.
- Knowledge of the Bluetooth protocol for communication between devices.

### Preference factors

- Proven experience in experimental work with optical systems.
- Experience in developing prototypes, including electronic systems.
- Advanced knowledge in 3D design and prototyping through 3D printing.

### Application Period

Since 10 Apr 2025 to 27 Apr 2025

### Centre

Applied Photonics

## INESC TEC | Researcher (AE2025-0167) INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=255632>

Downloaded On: Apr. 19, 2025 8:43am

Posted Apr. 11, 2025, set to expire Aug. 11, 2025

### Scientific Advisor

[Luís Carlos Coelho](#)

### 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

INESC TEC | Researcher (AE2025-0167)  
INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=255632>

Downloaded On: Apr. 19, 2025 8:43am

Posted Apr. 11, 2025, set to expire Aug. 11, 2025

Portugal

**Contact E-mail**    rh@inesctec.pt