

INESC TEC | Post Doctoral Research Grant (AE2025-0274)  
INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=259623>

Downloaded On: Aug. 30, 2025 10:00pm

Posted Jul. 11, 2025, set to expire Nov. 10, 2025

<b>Job Title</b>	INESC TEC   Post Doctoral Research Grant (AE2025-0274)
<b>Department</b>	CPES
<b>Institution</b>	INESC TEC PORTO, , Portugal
<b>Date Posted</b>	Jul. 11, 2025
<b>Application Deadline</b>	Aug. 11, 2025
<b>Position Start Date</b>	Jul. 11, 2025
<b>Job Categories</b>	Graduate Student
<b>Academic Field(s)</b>	Engineering - Other Energy Technology
<b>Apply Online Here</b>	<a href="https://www.inesctec.pt/en/form/notice/5519">https://www.inesctec.pt/en/form/notice/5519</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

Research Opportunities

**Power Systems**

**Work description**

- Development of methodologies to explain the results of power grid optimization problems, combining operations research and artificial intelligence.
- Develop methodologies that combine physical models with data-driven machine learning

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methods.

- Validate the developed methodologies using real data.
- Disseminate the work in international journals and/or conferences.

### Minimum profile required

- Previous academic background in or electrical engineering or applied mathematics or computer science or informatics or similar

### Preference factors

- Past experience (or academic background) with machine learning.
- Academic background in energy systems.
- Programming knowledge in Python.

**Maintenance stipend:** € 1851.00, 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".

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

### Application Period

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Since 11 Jul 2025 to 11 Aug 2025

### Centre

Power and Energy Systems

### Scientific Advisor

[Ricardo Jorge Bessa](#)

### 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](#)

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**Contact Information**

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

**Contact**

INESC TEC - Instituto De Engenharia De Sistemas E  
Computadores, Tecnologia E Ciência  
Portugal

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