

**INESC TEC | Research Grant (AE2025-0226)**  
**INESC TEC**

Direct Link: <https://www.AcademicKeys.com/r?job=257554>

Downloaded On: Aug. 5, 2025 8:53am

Posted May 30, 2025, set to expire Sep. 29, 2025

<b>Job Title</b>	INESC TEC   Research Grant (AE2025-0226)
<b>Department</b>	CPES
<b>Institution</b>	INESC TEC PORTO, , Portugal
<b>Date Posted</b>	May 30, 2025
<b>Application Deadline</b>	Jun. 12, 2025
<b>Position Start Date</b>	May 29, 2025
<b>Job Categories</b>	Graduate Student
<b>Academic Field(s)</b>	Energy Technology Electrical and/or Electronics
<b>Apply Online Here</b>	<a href="https://www.inesctec.pt/en/form/notice/5472">https://www.inesctec.pt/en/form/notice/5472</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

Research Opportunities

**Power Systems - Advanced Applications for Smart Grids**

**Work description**

To develop advanced applications for the automation of transmission and distribution networks with high integration of distributed energy resources, namely the application FLIR (Fault Location, Isolation and Restoration) for an ADMS (advanced distribution management system).

## INESC TEC | Research Grant (AE2025-0226) INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=257554>

Downloaded On: Aug. 5, 2025 8:53am

Posted May 30, 2025, set to expire Sep. 29, 2025

The work will also involve supporting the integration and testing of the developed application in a commercial ADMS. It is also expected that reports and articles will be written to disseminate the work.

### Academic Qualifications

- Electrical Engineering, Informatics, Computer Science or similar.

### Minimum profile required

- Knowledge in power systems steady state modelling.
- Knowledge in programming (C, C++ or Python).

### Preference factors

- Knowledge in ADMS applications.
- Fluency in English and Portuguese (spoken and written).

### Application Period

Since 29 May 2025 to 12 Jun 2025

### Centre

Power and Energy Systems

### Scientific Advisor

[Jorge Correia Pereira](#)

### 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,

## INESC TEC | Research Grant (AE2025-0226) INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=257554>

Downloaded On: Aug. 5, 2025 8:53am

Posted May 30, 2025, set to expire Sep. 29, 2025

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

Portugal

**Contact E-mail**      rh@inesctec.pt