

## INESC TEC | Research Initiation Grant (AE2025-0233)

### INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=257952>

Downloaded On: Jul. 30, 2025 8:53am

Posted Jun. 5, 2025, set to expire Oct. 5, 2025

<b>Job Title</b>	INESC TEC   Research Initiation Grant (AE2025-0233)
<b>Department</b>	CPES
<b>Institution</b>	INESC TEC PORTO, , Portugal
<b>Date Posted</b>	Jun. 5, 2025
<b>Application Deadline</b>	Jun. 30, 2025
<b>Position Start Date</b>	Jun. 1, 2025
<b>Job Categories</b>	Graduate Student
<b>Academic Field(s)</b>	Engineering - Other Computer Engineering
<b>Apply Online Here</b>	<a href="https://www.inesctec.pt/en/form/notice/5475">https://www.inesctec.pt/en/form/notice/5475</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

Research Opportunities

**Programming, Computer engineering**

**Work description**

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The goal of this research is to evaluate how Large Language Models (LLMs) can be leveraged to address forecasting challenges in the energy sector, specifically those that can be framed as sequence-to-sequence problems.

The grant holder will explore different strategies on prompt engineering, compare the potential of different LLM's and create a methodology that can be replicable to multiple challenges for the energy sector.

### Academic Qualifications

- Electrical Engineering, Informatics, Computer Science or similar courses.

### Minimum profile required

- Programming experience in Python.
- Basic understanding of machine learning concepts.
- Experience using data science tools (e.g., pandas, scikit-learn, matplotlib).
- Familiarity with version control systems (Git).

### Preference factors

- Familiarity with Large Language Models (e.g., Mistral, LLaMA).
- Understanding of machine learning workflows and forecasting methods.
- Python oriented to data manipulation and analytics.

**Maintenance stipend:** € 651.12, 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.

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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

Since 01 Jun 2025 to 30 Jun 2025

### Centre

Power and Energy Systems

### Scientific Advisor

- [José Ricardo Andrade](#)

### 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,

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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