

INESC TEC | Research Grant (AE2025-0390) INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=262970>

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Posted Oct. 2, 2025, set to expire Jan. 25, 2026

Job Title	INESC TEC Research Grant (AE2025-0390)
Department	CTM
Institution	INESC TEC PORTO, , Portugal
Date Posted	Oct. 2, 2025
Application Deadline	Oct. 25, 2025
Position Start Date	Sep. 25, 2025
Job Categories	Graduate Student
Academic Field(s)	Engineering - Other Electrical and/or Electronics
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Job Description	

Research Opportunities

Programming, Computer engineering

Work description

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.

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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: € 1309.64, 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".

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

Application Period

Since 25 Sep 2025 to 25 Oct 2025

Centre

Power and Energy Systems

Scientific Advisor

- [José Ricardo Andrade](#)

What we offer

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- A multicultural, international and collaborative environment that makes it easier to exchange ideas, work in networks and create synergies.
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- **Self Improvement**
- The possibility of participating in international conferences, workshops, seminars and vocational training.
- **Other Benefits and Perks**

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- Flexible working time, health insurance, discounts in hotels, transportation, etc.

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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