

INESC TEC | Research Grant (AE2025-0235) INESC TEC

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

Job Title	INESC TEC Research Grant (AE2025-0235)
Department	CPES
Institution	INESC TEC PORTO, , Portugal

Date Posted	Jun. 5, 2025
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Application Deadline	Jun. 12, 2025
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Position Start Date	May 29, 2025
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Job Categories	Graduate Student
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Academic Field(s)	Engineering - Other Electrical and/or Electronics Energy Technology
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Apply By Email

Job Description

Research Opportunities

Power Systems

Work description

- Manage database resources developed in the project to support effective data exchange between distributed energy assets.
- Keep updated the versions of the Protocol Converter of legacy systems developed in the project

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and update the records of data exchanges in distributed energy resources.

- Manage and maintain the load prediction tools for powering battery dispatch services and photovoltaic generation forecasting.
- Analyze battery operation and photovoltaic generation data to calculate performance indicators defined in the project.
- Write the scholarship activity report.

Academic Qualifications

- Computer engineering, computer science, data science or similar areas.

Minimum profile required

- Student of Computer Engineering, Computer Scientist, data science or similar areas.
- Fluency in English (written and spoken).
- Experience with Python, and databases.
- Knowledge in the IEEE2030.5 standard.

Preference factors

- Knowledge about batteries and data analysis;
- Knowledge of databases and web applications.
- Knowledge about Docker.
- Knowledge in standard IEEE2030.5
- Knowledge about microservices integration.

Maintenance stipend: € 1040.98, 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 29 May 2025 to 12 Jun 2025

Centre

Power and Energy Systems

Scientific Advisor

- [Alexandre Lucas](#)

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