

INESC TEC | Research Grant (AE2025-0219) INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=257304>

Downloaded On: Aug. 13, 2025 3:31am

Posted May 23, 2025, set to expire Sep. 21, 2025

Job Title	INESC TEC Research Grant (AE2025-0219)
Department	CPES
Institution	INESC TEC PORTO, , Portugal

Date Posted	May 23, 2025
--------------------	--------------

Application Deadline	Jun. 22, 2025
-----------------------------	---------------

Position Start Date	May 22, 2025
----------------------------	--------------

Job Categories	Graduate Student
-----------------------	------------------

Academic Field(s)	Engineering - Other Electrical and/or Electronics Computer Science
--------------------------	--

Apply Online Here	https://www.inesctec.pt/en/form/notice/5467
--------------------------	---

Apply By Email

Job Description

Research Opportunities

Power Systems

Work description

- Definition of requirements to enable the participation of B2B and B2C clients in the aggregation case study, as well as flexible resources.
- Storage of data used by the EMS tool in a database.

INESC TEC | Research Grant (AE2025-0219) INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=257304>

Downloaded On: Aug. 13, 2025 3:31am

Posted May 23, 2025, set to expire Sep. 21, 2025

- Develop algorithms to produce graphical results of case study simulations with data from living lab clients.
- Analyze optimized operation data from flexible resources (batteries, photovoltaic generation and heat pumps) with a view to calculating performance indicators defined in the project.
- Reports with case study simulations with data from living lab clients.
- Write the exchange activity report.

Academic Qualifications

- Electrical engineering, computer engineering or related field.

Minimum profile required

- Student of electrical engineering or computer science or related fields.
- Fluency in English (written and spoken).
- Knowledge of Python, databases, REST API.
- Knowledge of energy systems and optimization.

Preference factors

- Knowledge of batteries and data analysis.
- Knowledge of databases.
- Knowledge of electrical system operation.
- Knowledge of electrical system planning.

Maintenance stipend: € 1040.98 or 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 | Research Grant (AE2025-0219) INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=257304>

Downloaded On: Aug. 13, 2025 3:31am

Posted May 23, 2025, set to expire Sep. 21, 2025

INESC TEC supports costs with registration, enrollment 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 22 May 2025 to 22 Jun 2025

Centre

Power and Energy Systems

Scientific Advisor

[Igor Rezende Castro](#)

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.

INESC TEC | Research Grant (AE2025-0219) INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=257304>

Downloaded On: Aug. 13, 2025 3:31am

Posted May 23, 2025, set to expire Sep. 21, 2025

- **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