

INESC TEC | Doctorate Researcher (AE2025-0005)
INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=251668>

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Posted Jan. 15, 2025, set to expire May 17, 2025

Job Title	INESC TEC Doctorate Researcher (AE2025-0005)
Department	CPES
Institution	INESC TEC PORTO, , Portugal
Date Posted	Jan. 15, 2025
Application Deadline	Feb. 15, 2025
Position Start Date	Jan. 15, 2025
Job Categories	Graduate Student
Academic Field(s)	Engineering - Other
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Job Description	

Research Opportunities

POWER SYSTEMS - Energy Transition

Work description

The duties to be performed include:

1. Implementation of R&D projects in the area of the energy transition, namely in smart energy grids, demand-side management and energy efficiency, digitalization of the electricity sector.
2. Definition of new opportunities and areas of activity, innovation and technology transfer for the

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decarbonization of society.

3. Leadership of R&D teams in the area of sustainable energy systems.
4. Scientific supervision and training of postgraduate HR.

Academic Qualifications

- Computer Science, Applied Mathematics, or related scientific area.

Minimum profile required

- Doctorates for no more than five years, with post-doctoral experience compatible with the category of Assistant Researcher, with no requirement to demonstrate scientific independence.
- Experience in the development and application of machine learning algorithms to engineering problems.
- Proven experience in Python coding.

Preference factors

- Participation in research and development projects in sustainable energy systems.
- Experience with software version control tools (preferably Git).

Salary Level

In accordance with article 15 of the RJEC and article 2 of Regulatory Decree no. 11-A/2017, of 29 December, the gross monthly base remuneration to be awarded is based on remuneration level 1 of the Investigador Júnior category of the Public Scientific Research Career Statute, with INESC TEC applying its own remuneration table for R&D doctoral employees, with a value of €2348.34 for the equivalent category.

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Application Period

Since 15 Jan 2025 to 15 Feb 2025

Centre

Power and Energy Systems

Scientific Advisor

[Carla Silva Gonçalves](#)

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.
- **Other Benefits and Perks**
- Flexible working time, health insurance, discounts in hotels, transportation, etc.
- **Informal Events**
- Annual informal events, such as the multicultural party.

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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