

INESC TEC | Research Grant (AE2024-0271) INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=242888>

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Posted Aug. 8, 2024, set to expire Dec. 8, 2024

Job Title	INESC TEC Research Grant (AE2024-0271)
Department	CPES
Institution	INESC TEC PORTO, , Portugal

Date Posted	Aug. 8, 2024
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Application Deadline	Aug. 18, 2024
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Position Start Date	Jul. 18, 2024
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Job Categories	Graduate Student
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Academic Field(s)	Engineering - Other
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Job Description

Research Opportunity

Power Systems

Work description

- Familiarization with pre-existing tools for planning and operation of markets and self-consumption structures;
- Design of new modules and functionalities to adapt the tools to specific needs;
- Design of future scenarios for operation and planning and analysis of the results;
- Integration in existing software systems and innovative digital platforms;

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- Writing reports and papers for international conferences and journals with the new designs and results

Minimum profile required

Programming skills

Preference factors

- Experience in market models;
- Experience in GAMs and Python;
- Fluency in English (spoken and written);
- Fluency in Portuguese (spoken and written).

Maintenance stipend: € 1259,64, 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".

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

Application Period

Since 18 Jul 2024 to 18 Aug 2024

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Centre

Power and Energy Systems

Scientific Advisor

[José Villar](#)

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.

For more information: [Click Here](#)

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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