

INESC TEC | Research Grant (AE2024-0293) INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=243231>

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Posted Aug. 16, 2024, set to expire Dec. 16, 2024

Job Title	INESC TEC Research Grant (AE2024-0293)
Department	CPES
Institution	INESC TEC PORTO, , Portugal
Date Posted	Aug. 16, 2024
Application Deadline	Aug. 25, 2024
Position Start Date	Jul. 25, 2024
Job Categories	Graduate Student
Academic Field(s)	Engineering - Other
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Job Description	

Research Opportunity

Energy systems – energy efficiency in buildings

Work description

- Characterization and evaluation of the performance of existing SACE;
- Study of solutions that allow an existing SACE to be upgraded to the parameters imposed by the standards currently in force;
- Preparation of the technical specification for the proposed update and integration of the various systems currently installed;

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- Creation of 3-D graphic models of buildings;
- Writing the scholarship activity report.

Minimum profile required

- Knowledge on communication protocols for BACS;
- Autonomous and teamwork ability;
- Fluency in portuguese and english (written and oral).

Preference factors

- Competences on energy management in buildings;
- Competences on building automation and control systems;
- Competencies on 3-D building model development;

Maintenance stipend: € 990,98 or 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 25 Jul 2024 to 25 Aug 2024

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Centre

Power and Energy Systems

Scientific Advisor

[Hermano Bernardo](#)

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](#)

Contact Information

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Contact

Portugal

Contact E-mail rh@inesctec.pt