

INESC TEC | Research Grant (AE2024-0245) INESC TEC

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Posted Jul. 11, 2024, set to expire Nov. 10, 2024

Job Title	INESC TEC Research Grant (AE2024-0245)
Department	CPES
Institution	INESC TEC PORTO, , Portugal
Date Posted	Jul. 11, 2024
Application Deadline	Aug. 11, 2024
Position Start Date	Jul. 11, 2024
Job Categories	Graduate Student
Academic Field(s)	Engineering - Other
Apply Online Here	https://www.inesctec.pt/en/opportunities/energy-transition-in-ports-AE2024-0245
Apply By Email	
Job Description	

Research Opportunity

Energy transition in ports

Work description

- Studies and modelling of energy systems in ports;
- Definition of energy models for different port assets and equipment;
- Development of energy transition planning models for ports to support the energy transition of ports;

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- Implementing the models in Python or similar languages;
- Writing technical documentation on the activities.

Academic Qualifications

Bachelor or Master in electrical and computer engineering, mechanical or related areas

Minimum profile required

- Knowledge of energy demand and supply modelling for different sectors;
- Knowledge of programming languages;
- Fluency in English (written and spoken);

Preference factors

- Experience in developing algorithms for demand planning and energy generation applied to different sectors and systems;
- Programming experience in Python or similar.

Application Period

Since 11 Jul 2024 to 11 Aug 2024

Centre

Power and Energy Systems

Scientific Advisor

[Tiago André Soares](#)

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**

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- 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

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

Portugal

Contact E-mail rh@inesctec.pt