

INESC TEC | Research Initiation Grant (AE2025-0014)

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Direct Link: <https://www.AcademicKeys.com/r?job=252074>

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Posted Jan. 24, 2025, set to expire May 26, 2025

Job Title	INESC TEC Research Initiation Grant (AE2025-0014)
Department	CESE
Institution	INESC TEC PORTO, , Portugal
Date Posted	Jan. 24, 2025
Application Deadline	Feb. 5, 2025
Position Start Date	Jan. 23, 2025
Job Categories	Graduate Student
Academic Field(s)	Computer Engineering Engineering - Other
Apply Online Here	https://www.inesctec.pt/en/form/notice/5263
Apply By Email	
Job Description	

Research Opportunities

Design and evaluation of production systems

Work description

- Introduction to the research, context and specific objectives.
- Review of the state of the art and identification of the main research gaps and SW solutions.
- Characterisation of the problem to be addressed.

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- Design and development of a software tool capable of complementing a framework for the evaluation and design of manufacturing systems (with existing methodology), cross-referencing product and process characteristics.
- Testing and development of demonstration prototypes.
- Writing the grant activity report.

Academic Qualifications

- Master's degree student in computer engineering or related field;

Minimum profile required

- Average grade in computer engineering or equivalent equal to or higher than 14.

Preference factors

- Experience in software development (front-end and back-end).
- In-depth knowledge of the python programming language and software architectures.
- Team spirit, leadership and autonomy.

Maintenance stipend: € 601,12, 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".

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

Application Period

Since 23 Jan 2025 to 05 Feb 2025

Centre

Enterprise Systems Engineering

Scientific Advisor

[Romão Filipe Santos](#)

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**

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- 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