

INESC TEC | Research Initiation Grant (AE2025-0014)  
INESC TEC

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

Downloaded On: Jan. 30, 2025 12:54pm

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

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

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