

INESC TEC | Research Initiation Grant (AE2025-0069)
INESC TEC

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Posted Feb. 14, 2025, set to expire Jun. 14, 2025

Job Title	INESC TEC Research Initiation Grant (AE2025-0069)
Department	CESE
Institution	INESC TEC PORTO, , Portugal
Date Posted	Feb. 14, 2025
Application Deadline	Feb. 19, 2025
Position Start Date	Feb. 6, 2025
Job Categories	Graduate Student
Academic Field(s)	Robotics Engineering - Other
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Job Description	

Research Opportunities

Production Systems Engineering; Robotic Systems in Agro-Robotics

Work description

- State-of-the-art review of the technical and scientific areas covered.
- Study of the concept and respective requirements.
- Development of the reference model and proof-of-concept specification.

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- Simulation or development of a scale prototype as a proof-of-concept.
- Writing of the thesis and scientific dissemination.

Academic Qualifications

- Degree in mechanical engineering or related field.

Minimum profile required

- Minimum degree average 12.
- Experience of using SW SolidWorks.
- Knowledge of ABAQUS SW.
- Knowledge of MatLab.

Preference factors

- Knowledge of materials and manufacturing processes.
- Knowledge of machine and product design.
- Knowledge of and motivation for production systems using natural materials.

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 06 Feb 2025 to 19 Feb 2025

Centre

Enterprise Systems Engineering

Scientific Advisor

- [António Baptista](#)

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

INESC TEC - Instituto De Engenharia De Sistemas E
Computadores, Tecnologia E Ciência
Portugal

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