

INESC TEC | Research Grant (AE2024-0355)
INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=243313>

Downloaded On: Nov. 21, 2024 11:38pm

Posted Aug. 19, 2024, set to expire Dec. 19, 2024

Job Title	INESC TEC Research Grant (AE2024-0355)
Department	CEGI
Institution	INESC TEC PORTO, , Portugal
Date Posted	Aug. 19, 2024
Application Deadline	Aug. 29, 2024
Position Start Date	Aug. 16, 2024
Job Categories	Graduate Student
Academic Field(s)	Engineering - Other
Apply Online Here	https://www.inesctec.pt/en/form/notice/5040
Apply By Email	
Job Description	

Research Opportunity

Cutting and Packing Problems

Work description

- Development of new mathematical programming models for the 2D rectangular C&P, integrating waste minimization and pattern complexity;
- Development of indicators for measuring the impact pattern complexity for 2D rectangular C&P.

INESC TEC | Research Grant (AE2024-0355) INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=243313>

Downloaded On: Nov. 21, 2024 11:38pm

Posted Aug. 19, 2024, set to expire Dec. 19, 2024

Academic Qualifications

Student of Industrial Engineering, Informatics, Computer Science or related area.

Minimum profile required

Experience in the following skill(s):

- Programming in Python, C.
- Use of the Gurobi solver.
- Ability to work in group, high autonomy, and organization.

Preference factors

- Knowledge in cutting and packing problems;
- Knowledge in combinatorial optimization.

Maintenance stipend: € 990,98, 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.

INESC TEC | Research Grant (AE2024-0355) INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=243313>

Downloaded On: Nov. 21, 2024 11:38pm

Posted Aug. 19, 2024, set to expire Dec. 19, 2024

Application Period

Since 16 Aug 2024 to 29 Aug 2024

Centre

Industrial Engineering and Management

Scientific Advisor

[Elsa Marília Silva](#)

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.

INESC TEC | Research Grant (AE2024-0355)
INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=243313>

Downloaded On: Nov. 21, 2024 11:38pm

Posted Aug. 19, 2024, set to expire Dec. 19, 2024

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