

Research Studentship (Master student)

Applications are open for 1 Research Studentship, within the framework of project (1801P.01476.1.01) LL@GREEN_2023.13482.PEX - IST-ID (Optimizing towards sustainable last-mile logistics), financed by national funds through FCT/MCTES (PIDDAC), under the following conditions:

Scientific Area: Systems Engineering (EMS-SIS)

Admission Requirements: *To be enrolled at the Master of Industrial Engineering and Management.*

Workplan: The work plan focuses on the development, testing, and validation of optimization models and solution approaches designed to address last-mile logistics challenges, including fleet composition, order-vehicle assignment, and routing. The aim is to maximize customer satisfaction while ensuring economic, environmental, and social sustainability. Important characteristics of cities, such as morphology and orography, will also be considered. The models will be tested and validated using real data from companies operating in the last-mile logistics sector.

Legislation and Regulations: Statute of Scientific Research Fellow, approved by Law nr. 40/2004, of August 18, as worded by Decree-Law nr. 123/2019, of August 28; FCT Regulation for Research Studentships and Fellowships, available on <https://www.fct.pt/apoios/bolsas/docs/RegulamentoBolsasFCT2019.pdf> and <https://dre.pt/application/file/a/127230968>.

Workplace: The work will be developed at Centre for Management Studies of Instituto Superior Técnico, under the scientific supervision of Professor Ana Paula Ferreira Dias Barbosa Póvoa and Professor Diana Rita Ramos Jorge.

Duration: The research fellowship will have the duration of 6 months. It's expected to begin in June 2025, and may be eventually renewed until the end of the project, with the limit of 24 months, including the duration of the initial contract. When the academic degree or diploma is awarded during the term of the scholarship contract, it may be concluded under the established contractual terms.

Monthly maintenance allowance: According to the values for Research Fellowships awarded by FCT in Portugal (<https://www.fct.pt/fct-atualizou-o-valor-das-bolsas-para-2025/>), the amount of the monthly maintenance allowance is € 1040.98, being the payment method of the Fellow by wire transfer.

Selection methods: The selection methods will be the following: 1) Curriculum evaluation, considering experience in Industrial Engineering and Management and in Logistics, accompanied by individual interview in case the jury considers it necessary, and 2) motivation letter, with the respective weight of 90% and 10%.

Composition of the selection Jury: Tânia Rodrigues Pereira Ramos, Ana Paula Ferreira Dias Barbosa Póvoa, Diana Rita Ramos Jorge.

Announcement/ notification of the results: The final evaluation results will be communicated to all applicants by email.

Deadlines and procedures of complaint and appeal. A complaint may be lodged from the final decision within 15 working days, or an appeal to the Executive Board of IST-ID within 30 working days, both counted from the respective notification.

Application deadline and formalization: The call is open from May 21 until June 3, 2025.

It is mandatory to formalize applications with the submission of the following documents: i) B1 Form – Fellowship application (<https://ist-id.pt/concursos/bolsas/>); ii) *Curriculum Vitae*; iii) academic degree certificate, where applicable; iv) proof of enrollment at an academic degree course of Master; v) motivation letter;

Applications must be submitted to the email: cegist@tecnico.ulisboa.pt



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