

(BL116/2025)

### 3 Scientific Initiation Studentships

Applications are open for the granting of three Scientific Initiation Studentships, within the framework of project EDL-TEC: Energy Dream Lab for Teaching at *Instituto Superior Técnico* from the University of Lisbon, with reference deecproj2025 EDL-TEC, under the following conditions:

**Scientific Area:** Scientific Area of Energy from the Department of Electrical and Computer Engineering,

**Admission Requirements:** *To be enrolled at an integrated master or master degree in Electrical and Computer Engineering with minor or major specialization curricular units in the Scientific Area of Energy or equivalent, or to have a bachelor degree and be enrolled at a course that does not award an academic degree and it is integrated in the educational project of a higher education institution, performed in association or cooperation with one or several R&D units in the same scientific area;*

**Workplan:**

Studentship 1) Development of Laboratory works for power electronic based courses, with the objective of systemizing practice implementations and setups, relevant for the specialization in power electronics with practical experience.

Studentship 2) Development of Laboratory for protections and Power Systems, with the objective of systemizing practice implementations and setups, relevant for the specialization in power systems with practical experience.

Studentship 3) Development of AI tools to support the development of project proposals, with the objective of providing tools to ease and systematize the definition of project proposals, relevant for the specialization on the application of AI on project management.

**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; IST Regulation of Scientific Research Fellowships, available on [https://drh.tecnico.ulisboa.pt/files/sites/45/despacho\\_8532\\_regulamento\\_bolsas.pdf](https://drh.tecnico.ulisboa.pt/files/sites/45/despacho_8532_regulamento_bolsas.pdf)

**Workplace:** The work will be developed at the Scientific Area of Energy from the Department of Electrical and Computer Engineering within the host institution *Instituto Superior Técnico* (IST) from the University of Lisbon (UL), under the scientific supervision of Professor Doctor Hugo Morais.

**Duration:** The three research fellowships will have a duration of 4 (four) months, with the beginning on the first working day of September 2025. The fellowship contracts will not be renewable.

**Monthly maintenance allowance:** The amount of the monthly maintenance allowance is 1040,98 € (Euro), and majorated according with the IST Scholarship Increase Table, in compensation to the level of research and development demand to be carried out, being the payment method of the Fellow by wire transfer.

**Selection methods:** The selection methods will be the following: Curriculum evaluation of the bachelor graduation classifications with a ponderation of 60% and evaluation of the curricular experience in projects with a ponderation of 40%. The candidates are subjected to the realization of an individual interview.

**Composition of the selection Jury:** Doctor Pedro Manuel Santos de Carvalho, Doctor Hugo Gabriel Valente Morais, Doctor Eduardo Manuel Godinho Rodrigues,

**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, or an appeal to the President of IST, within 15 working days counted from the respective notification.

**Application deadline and formalization:** The call is open from July 21 until July 25, 2025.

It is mandatory to formalize applications with the submission of the following documents: i) B1 Form – Fellowship application (<http://drh.tecnico.ulisboa.pt/bolseiros/formularios/> ); ii) *Curriculum Vitae*; iii) academic degree certificate, where applicable; iv) proof of enrollment at an academic degree course or at a course that does not award an academic degree; v) motivation letter;

Applications must be submitted to the email: [hugo.morais@tecnico.ulisboa.pt](mailto:hugo.morais@tecnico.ulisboa.pt)