

**Research Studentships (for PhD student, student of a course that does not award an academic degree or postdoctoral student)**

Applications are open for one (1) Research Studentship for (i) PhD students, (i) students of a course that does not award an academic degree or (i) postdoctoral student, within the framework of project/R&D institution (title of the project R2UTechnologies, internal reference 1018P.06284, financed by Plano de Recuperação e Resiliência (PRR-IAPMEI), under the following conditions:

**Scientific Area:** Architecture

**Admission Requirements:**

Research Studentships for PhD student or student of a course that does not award an academic degree, according to Article 6 of FCT Regulation for Research Studentships and Fellowships (Reg. nr. 950/2019): a) to be enrolled at a PhD programme or a course that does not award an academic degree. Applicants for a scholarship for doctoral or non-awarding degree students must hold a Master's degree in Architecture.

Research Studentships for postdoctoral student, according to Article 7 of FCT Regulation for Research Studentships and Fellowships (Reg. nr. 950/2019): a) to hold a PhD degree obtained in the 3 years previously to the submission of the fellowship application; b) to have carried out the research work that led to the PhD degree in a different entity from the host institution of the fellowship; c) Not to exceed, with this fellowship contract, including the possible renovations, an accumulated period of 3 years in this type of fellowship, continuously or with interruptions; d) Not to have previously held a post-doctoral fellowship from IST.

Candidates to any of the types of research fellowships should have: (1) research experience in the area of architecture, with emphasis on the field of housing and prefabrication; (2) practice in architectural design, with emphasis on participation in housing projects, collaboration with different specialties and at different scales of project development (including detailing); (3) practice in the use of the following computer programs: Adobe InDesign; Adobe Illustrator, Adobe Photoshop; AutoCad; Corel Draw; Lightroom; Access; Word; Excel and Powerpoint; (4) knowledge and practice of using one or more BIM modelling software (preferential factor); (5) Mastery of Portuguese (spoken and written, advanced - preferential factor) and English (spoken and written - preferential factor).

**Workplan:** The work plan includes: (1) research and revision of the reference literature for the project; (2) survey of national and international prefabrication solutions and assessment of their implementation in spatial solutions, with a special focus on those developed within the reinforced concrete technology; (3) design of spatial-type solutions for different building typologies using standardised elements and modular solutions (4) systematisation of the spatial solutions for different building typologies, combining the set of defined prefabricated elements; (5) fieldwork; (6) participation in all the activities considered necessary for the regular development of the project; (7) support in the organisation and participation in the initiatives for the dissemination of the project results.

**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 CITUA of Instituto Superior Técnico, under the scientific supervision of Professors Alexandra Alegre and Francisco Teixeira Bastos.

**Duration:** The research fellowship(s) will have the duration of 6 months. It's expected to begin in August and may be eventually renewed up to the maximum of 18 months.

**Monthly maintenance allowance:** According to the values for Research Fellowships awarded by FCT in Portugal (<http://www.fct.pt/apoios/bolsas/valores>), the amount of the monthly maintenance allowance is €1199.64 (PhD Student or student of a course that does not award an academic degree) and €1741.00 (Postdoctoral student) being the payment method an option of the Fellow by Wire Transfer/Check.

**Selection methods:** The selection methods will be the following: selection of three candidates according to the Curriculum (80%) and motivation letter (20%); individual interview for final selection.

**Composition of the selection Jury:** Professor Eduardo Júlio, Professor Alexandra Alegre, Professor Francisco Teixeira Bastos

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

**Application deadline and formalization:** The call is open from July 26 until August 8, 2023.

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; iv) motivation letter; v) proof of enrolment at an academic degree course (PhD or at a course that does not award an academic degree; required only at the stage of signing the scholarship contract; vi) (for holders of Bachelor or Master degrees who are enrolled at a course that does not award an academic degree) declaration on honour that the applicant does not exceed with this contract an accumulated period of two years in this type of studentship, continuously or with interruptions.

declaration on honour that the applicant that the applicant does not exceed with the signing of this contract an accumulated period of three years in this type of studentship, continuously or with interruptions, in the scientific and technological system, and that the research work that led to the award of the doctoral degree was carried out in a host entity different from the entity where the research work of the scholarship will be carried out (only required for candidates to post-doctoral scholarship).

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