

## 1 Research Grant Announcement (M/F)

Call open for applications for a research grant within the framework of Agenda “R2UTechnologies - modular systems”, nr. C644876810-00000019, investment project nr. 48, of the Incentive System “Agendas for Business Innovation”, financed by the Recovery and Resilience Plan (PRR) and by European Funds NextGeneration EU, under the following conditions:

**Scientific Area:** Architecture and Integrated Design

**Admission requirements:** Candidates who cumulatively meet the following two requirements may apply for this grant:

**Requirement 1:**

- Be a student enrolled in a doctoral program in the area of Civil Engineering, a requirement to be duly proven at the time of signing the contract.

or

- Holder of an academic degree enrolled in a non-academic degree course integrated in the educational project of a higher education institution, developed in association or cooperation with one or more R&D units, a requirement to be duly proven at the time of signing the contract.

*Note: In the case of masters who are enrolled in non-academic degree courses, the scholarship can only be awarded to those who do not exceed, with this scholarship contract, including possible renewals, an accumulated period of two years in that typology of the scholarship, followed or interpolated.*

**and**

**Requirement 2:**

- Hold a master’s degree in Architecture or master’s degree in Integrated Building Design and Construction

*If the degree has been awarded by a foreign higher education institution, it must comply with the provisions of the Decree-Law no. 66/2018, of august 16th, and any formalities established there must be fulfilled until the time of signing the contract.*

**Activity Outline:** The scholarship holder will participate in R&D activities that fall within the area of Civil Engineering, contributing to Activity 1.1 – “R&D in architecture, engineering and parameterization”, integrated in Work Package 1 – “Principles of Modular Construction”. The researcher will develop work within the concept of modular construction, namely in technical design, full-scale validation, evaluation of technical performance and dissemination of results, having as with

its main focus being modular construction design, parametric design, industrialization and construction performance.

**Legislation and regulations:** Law N.º. 40/2004, of 18th August, in its current wording (Statutes of Scientific Research Fellow) and Regulation of Research Grants of Fundação para a Ciência e a Tecnologia, in force ( <https://www.fct.pt/financiamento/programas-de-financiamento/bolsas/> ) and Regulation of Research Grants of University of Porto, in force.

**Work place:** The work will be developed at the Department of Civil Engineering of the Faculty of Engineering of the University of Porto (FEUP), under the scientific supervision of Professor Bárbara Rangel Carvalho.

**Grant duration:** Initial duration of **12 months**, with the predicted starting date in **October 2024**, on an exclusive basis eventually renewable but never exceeding the project duration.

If it is not possible to ensure the duration of 12 months estimated in the previous paragraph, this duration will be adjusted according to the end date of the project, and provided that the minimum duration of 3 consecutive months is guaranteed, in accordance with paragraph 3 of article 6 of the Research Grant Regulations of the Foundation for Science and Technology, I.P.

The eventual renewal of the scholarship will be carried out as determined in article 6 of the Research Grants Regulation of the Foundation for Science and Technology, I.P.

**Stipend:** The grant stipend amounts to 1.259,64€ according to the table of values of the grants awarded directly by FCT, I.P. in the Country ( <https://www.fct.pt/financiamento/programas-de-financiamento/bolsas/> ).

The payment will be made by bank transfer.

**Selection procedure:**

The curriculum of the candidates will be evaluated based on the merit of the candidate:

- a) Master's Degree in Integrated Building Design and Construction – 10 points; Integrated Master in Architecture - 5 points; Others Masters – 2 points)
- b) Research Experience in the project area – 5 points; in related areas – 3 points; Other areas – 1 point
- c) Quality of the Architecture Portfolio: modular construction projects and/or construction complexity - 5 points; projects in areas related to the work to be developed – 3 points; projects outside the project area – 1 point;

The curriculum of each candidate will be evaluated on a 1-20 points scale. Candidates with less than 15 points in the curricular evaluation will not be invited for the interview (40%). The interview topics

related to the work plan, experience, and the candidate's CV will be discussed with the invited candidates.

**Selection Jury:**

President: José Miguel de Freitas Castro

Effective member: Bárbara Rangel Carvalho

Effective member: João Manuel do Paço Quesado Delgado

Supplementary member: Ana Sofia Moreira dos Santos Guimarães Teixeira

Supplementary member: Rui Manuel Gonçalves Calejo Rodrigues

**Advertisement of final decision:** The results of the evaluation will be released to the candidates by email to the email address indicated in the application process.

**Deadline for applications and form of presentation of the applications:**

The call is open from **30/09/2024 a 11/10/2024** (until 23h59m, GMT time).

Applications must be formalized by email to [miguel.castro@fe.up.pt](mailto:miguel.castro@fe.up.pt) and to [recursoshumanos@fe.up.pt](mailto:recursoshumanos@fe.up.pt), clearly stating the reference **FEUP-(FEUP-R2U-IPD3)** and including the following pdf documents: Motivation letter, Copy of certificates evidencing academic degree (referring the classification of each separated or integrated degree), detailed Curriculum Vitae; Declaration on honor that the candidate fulfills the requirement contained in article 6 of the Regulation for Research Grants of the Foundation for Science and Technology, I.P. (model below, for student enrolled in a non-academic degree course integrated in the educational project of a higher education institution, developed in association or cooperation with one or more R&D units) and other documents considered relevant by the applicant.

In order to assure that all documents can be read, the preferred saving format is the Portable Document Format (.pdf).

Declaration on honour

I, (identification of the scholarship holder), holder of the Citizen Card / Visa / Residence Permit no. valid until \_\_\_\_\_, declare under honour, to be in the conditions of no. 5 of article 6<sup>o</sup> of the Research Grants from FCT, IP - Regulation No. 950/2019, of 16 December.

Oporto, \_\_/\_\_/\_\_

Signature

\_\_\_\_\_

(scholarship holder)