

**FEDERAL UNIVERSITY OF SANTA CATARINA
POSTGRADUATE PROGRAM IN ELECTRICAL ENGINEERING**

Notice 01/2025 PPGEEL/UFSC

The Coordinator of the Postgraduate Program in Electrical Engineering (PPGEEL) at UFSC, using his legal powers and in accordance with the deliberation of the Program's Delegate Board, on this date, publishes the rules for the admission process to fill vacancies for the PPGEEL Doctoral Program for the academic year 2025.

1. OF THE SCHEDULE

- 1.1. Applications: The application for the PPGEEL Doctoral Course for the 2025 academic year is in continuous flow, taking place between **January 15th, 2025 and December 15th, 2025** (11:59 pm, Brasília time).
- 1.2. Result: **Up to 30 days after registration.**
- 1.3. Appeal: three business days after result disclosure.
- 1.4. Final result: three business days after the appeal period.
- 1.5. Start of activities: Up to 90 days after the final result disclosure.

2. ABOUT THE LINES OF RESEARCH:

During the application procedure, the candidate must choose one of the lines of research from the concentration areas in Information Processing and Energy Processing offered by PPGEEL:

Lines of Research in the Information Processing Concentration Area:

- Communications and Signal Processing;
- Biomedical engineering;
- Electronic Materials, Devices, Circuits and Systems;
- Embedded systems.

Lines of Research in the Energy Processing Concentration Area:

- Electromagnetism and Electromagnetic Devices;
- Power Electronics and Electrical Drive;
- Electrical Power Systems.

More information about the Research Lines can be found at <http://ppgeel.posgrad.ufsc.br/areas-de-conhecimento/>.

3. FULL-TIME OR PART-TIME REGIME

- 3.1. Each doctoral student enrolled in PPGEEL must be registered as: (a) full-time student or (b) part-time student.
- 3.2. Only full-time students are eligible to receive PPGEEL scholarships.
- 3.3. The requirements for admission of students on a partial time basis are defined in the Internal Resolution "**Regulation of Full and Partial Dedication Regimes**" available at <http://ppgeel.ufsc.br/legislacao-e-normas/>.



3.4. Internal Resolution “**Regulation of Full and Partial Dedication Regimes**”
available at <http://ppgeel.ufsc.br/legislacao-e-normas/>.

4. ABOUT THE VACANCIES

4.1. The Research Lines, the number of vacancies available per Research Line and the total number of vacancies in this Notice are:

Research lines	Vacancies
Communications and Signal Processing	20
Biomedical engineering	20
Materials, Devices, Circuits and Electronic Systems	15
Embedded systems	10
Electromagnetism and Electromagnetic Devices	15
Power Electronics and Electrical Drive	15
Electrical Power Systems	25
Total vacancies in the Notice	120

4.2. In view of Law No. 12,711/12, Decree No. 7,824/12, Normative Ordinance 18/12/MEC, Resolution No. 52/ Cun /2015 and Resolution No. 145/CUn/2020, at least 28% of vacancies will be guaranteed to Affirmative Actions, which are distributed as follows:

- 4.2.1. At least 20 % of vacancies will be guaranteed for black people (black and brown) and indigenous people.
- 4.2.2. At least 8% of places will be guaranteed for people with disabilities.
- 4.2.3. When considering the total number of vacancies in item 4.1 and the percentages allocated to affirmative actions in items 4.2.1 and 4.2.2, the distribution of vacancies follows the table below:

Groups	Broad Competition	Affirmative Action		Total
	General	Blacks and Indigenous people	Person with Disability	
Percentage	Up to 72%	20%	8%	100%
Absolute value	86	24	10	120

- 4.3. The absolute number of vacancies for affirmative actions follows the proportion defined in items 4.2.1 and 4.2.2 with decimal places rounded upwards. Consequently, the percentage of affirmative actions may increase and that of broad competition may decrease, according to the rounding described.
- 4.4. Affirmative action vacancies not filled in the selection process will be allocated to broad competition.
- 4.5. Candidates opting for affirmative action also compete for open competition positions.
- 4.6. Candidates opting for affirmative action who have a sufficient score will enter through broad competition.
- 4.7. Candidates opting for affirmative action who have their self-declaration rejected will only compete in broad competition.
- 4.8. Additional vacancies may be offered, in addition to those mentioned in item 4.1, in supplementary calls for this notice, always ensuring at least 28% of vacancies for Affirmative Actions, as per item 4.2.

5. ABOUT THE SELECTION PROCESS

The selection process will include:

- 5.1. Application and documentation, according to the steps below.
 - 5.1.1. Complete the doctoral application form available at <https://ppgeel.posgrad.ufsc.br/requerimentos/> and generate a PDF of it.
 - 5.1.2. Send an email to the address ppgeel@eel.ufsc.br, with the subject “Doctoral Application”, containing the completed application form and other necessary documents as established in the Internal Resolution “**Acceptance and Classification of New Doctoral Candidates**” available at <http://ppgeel.ufsc.br/legislacao-e-normas/>, and detailed in item 7.1 of this notice.
 - 5.1.3. All documents must be sent in PDF format, except for the 3x4 photograph which must be sent in JPEG format.
- 5.2. Validation of documentation, classification and approval following the established criteria, number of vacancies for general competition and number of vacancies for affirmative actions as described in this notice.
- 5.3. Classification of candidates for scholarships available at PPGEEL. The criteria for classifying candidates are defined in the Internal Resolution **Acceptance and Classification of New Doctoral Students** available at <http://ppgeel.ufsc.br/legislacao-e-normas/>.

6. ABOUT THE EVALUATION

- 6.1. The assessment for admission of candidates to the Doctoral Program is based on the following criteria:
 - Provision of full documentation described in Item 7 of this notice.
 - Research Project (PP). **This document must NOT be signed by teachers suggested as potential advisors**



- Letters of recommendation (CR).
- Academic transcript (HG).
- Master's academic record (HM).
- Curriculum vitae (CV).
- The minimum criteria for accepting candidates for the Doctoral Program are defined in the Internal Resolution “Acceptance **and Classification of New Doctoral Candidates**” available at <http://ppgeel.ufsc.br/legislacao-e-normas/>.

6.2. According to the Internal Resolution “**Acceptance of Students Previously Terminated from the Program**”, available at <http://ppgeel.ufsc.br/legislacao-e-normas/>, students graduating from the Program with insufficient performance or without defending their doctoral thesis within the regulatory period, or the additional period authorized by the Delegated Board (when applicable), they cannot be accepted again by PPGEEL, even if in a different Concentration Area, within the period of one (01) year following the termination.

7. APPLICATIONS FOR BROAD COMPETITION VACANCIES

7.1. The following documentation must be sent by email to ppgeel@eel.ufsc.br, with the subject “Doctoral Application”:

- File in PDF format of the duly completed doctorate application form, according to the model available at <https://ppgeel.posgrad.ufsc.br/requerimentos/>;
- File in PDF format of the copy of the CPF (passport for foreigners);
- File in PDF format of the undergraduate diploma;
- File in PDF format of the master's diploma. The diploma can be replaced by a declaration of completion, or expected completion, issued by the master's program coordinator or competent institution. In these cases, the photocopy of the diploma must be delivered to the secretariat during the first academic semester;
- File in PDF format of the undergraduate transcript;
- File in PDF format of the master's degree transcript;
- File in PDF format of the identity card;
- A 3x4 photograph;
- File in PDF format of the birth or marriage certificate;
- File in PDF format of the Curriculum Vitae model Lattes/CNPq (attach documents supporting the publications in PDF format);
- Files in PDF format of two letters of recommendation, completed and signed by higher education professionals who can give an opinion on the candidate's aptitude for advanced studies, one of which is preferably written by the master's thesis advisor. The letter template is available at <https://ppgeel.posgrad.ufsc.br/requerimentos/>. The professionals who will write the letters of recommendation can send them directly to the

PPGEEL secretariat, without presenting them to the candidate, to the e-mail pgeel@eel.ufsc.br. All data will be confidential.

- PDF file with research project, in which a detailed description must be made (with introduction and motivation, literature review, research proposal, potential contribution, schedule and references) of the work that the candidate intends to develop, **indicating up to three possible supervisors of the PPGEEL teaching staff**. The research project must NOT be signed by these professors.
- PDF file with Credit Revalidation Request Form for postgraduate courses already taken (when applicable). The form is available at <https://ppgeel.posgrad.ufsc.br/requerimentos/>.

NOTE: no document indicating any type of preference or prior agreement signed by the three professors indicated as possible advisors must be sent in the documentation

7.2. For foreigners, diplomas must be authenticated by the Brazilian embassy or consulate in the country of origin, except in cases supported by specific diplomatic agreements.

8. REGISTERING FOR AFFIRMATIVE ACTION VACANCIES

- 8.1. Complete and comply with all items in sections 5 to 7.
- 8.2. Candidates must, at the time of application, indicate, in the specific fields of the Application Forms, if they wish to compete for affirmative action vacancies, for only one of the two categories: “Blacks (Black and Brown) and Indigenous”, or “People with Disabilities” (categories defined in Normative Resolution No. 145/2020/CUn). The respective documentation for each group must be sent at the time of application along with other documents written in item 7, in PDF format files. The specific documentation for each group is described below.
- 8.3. Vacancies aimed at black people (black and brown) and indigenous people:

8.3.1. Vacancies for black people (black and brown)

- 8.3.1.1. A black or brown declarant must present a self-declaration that he or she is black or brown, according to the color/race requirement used by the Brazilian Institute of Geography and Statistics Foundation (IBGE) for opting for the option to reserve places for blacks (blacks and mixed-race), Annex A of this Notice.
- 8.3.1.2. Validation of self-declaration as black or brown will be carried out by the Heteroidentification Committee, specifically set up for this purpose, appointed by the Secretariat for Affirmative Actions and Diversities (SAAD) or by the Units, with the following criteria: self-declared brown or black people must have phenotypic aspects that characterize them as belonging to the black racial group. According to the Federal Supreme Court, the constitutionality of heteroidentification of self-declared black candidates was defined, in the rejection of Action for Non-Compliance

with Fundamental Precept No. 186, with the criterion being phenotype and not ancestry.

8.3.1.3. Validation will take place through videoconferencing systems with video recorded sessions. The recording may be used in a possible appeal in the event of the rejection of the self-declaration, and must state that the self-declared applicant was the one who signed the self-declaration as a black person (black or brown). During validation, the candidate must present themselves in advance and cannot be wearing caps/hoods/caps or any item that hides their face. The candidate is not allowed to be accompanied by another person in this video conference.

8.3.1.4. Candidates who have already been approved by the Black and Brown Validation Committees for undergraduate or postgraduate studies at the Federal University of Santa Catarina with the phenotypic criterion can have administrative validation of the phenotype of their declarations. The candidate must present the Self-Declaration in Annex A and proof of previous approval.

8.3.2. Indigenous declarant

8.3.2.1. The indigenous declarant must present a self-declaration that they are indigenous, which ethnic group they belong to, the name and municipality of the village and the state of the federation, in addition to the name, signature and telephone contact of a recognized indigenous leader, contained in Annex B of this Notice.

8.3.2.2. Candidates who have previously passed the Indigenous Self-Declaration Validation Committee at the Federal University of Santa Catarina, and had validation granted, are exempt from presenting the document in item 8.3.2.1 as long as they present proof of approval of the previous validation.

8.3.2.3. The validation of the Indigenous self-declaration will be carried out by the Indigenous Self-Declaration Validation Committee, specifically established for this purpose, appointed by the Secretariat for Affirmative Actions and Diversities (SAAD) or by the Units.

8.3.3. Disabled declarant:

8.3.3.1. In accordance with Law No. 13,146/15 (Statute of Persons with Disabilities), for the purposes of this notice, a person with a disability is considered to be one who has a long-term impairment of a physical, intellectual and/or sensory nature who, in interaction with a or more barriers, may obstruct their full and effective participation in society on equal terms with other people.

8.3.3.2. Individuals who only present aesthetic deformities and/or sensory deficiencies that do not constitute an impediment and/or restriction to their performance in the previous learning process will not be able to apply for vacancies reserved for people with disabilities.

- 8.3.3.3. Individuals with specific functional disorders (dyslexia, dyscalculia, dysgraphia, attention deficit hyperactivity disorder) will not be able to apply for vacancies reserved for people with disabilities;
- 8.3.3.4. The disability declarant must complete the self-declaration of person with disability, contained in Annex C of this Notice.
- 8.3.3.5. You must also present a medical report, carried out within a maximum of twelve months prior to application in this admission process, which must be signed by a doctor specialized in the area of disability, containing, in the clinical description, the degree or level of disability, with express reference to the corresponding code of the International Classification of Diseases – ICD and description of the impact of the disability on functionality. It must also contain the legible name, stamp, signature and CRM of the doctor who provided the certificate.
- 8.3.3.6. Candidates with Hearing Impairment (Deafness), in addition to the medical report, must present the following exams: audiometry (tonal and vocal) and immittance testing, carried out in the twelve months prior to application in this admission process, which include the legible name, stamp, signature and class council number of the professional who took the exam.
- 8.3.3.7. Candidates with Visual Impairment, in addition to the medical report, must present an ophthalmological examination including visual acuity, carried out within a maximum of twelve months prior to application in this admission process, as well as the legible name, stamp, signature and CRM of the professional who carried out the examination. exam.
- 8.3.3.8. The documentation of candidates classified for vacancies for people with disabilities will be analyzed by the Validation Committee for Self-Declaration of Persons with Disabilities designated by SAAD or by the Units. The committee may, if necessary, ask candidates to send additional documentation or participate in an online interview.
- 8.3.3.9. Candidates who have previously passed through the Self-Declaration Validation Committee for People with Disabilities upon admission to undergraduate or postgraduate studies at the Federal University of Santa Catarina and had validation granted, may have administrative validation of their declarations. The candidate must present the self-declaration in Annex C and proof of approval of the previous validation.
- 8.4. Cases not included in the categories described above must be evaluated by the selection committee with technical assistance from SAAD, following the guidelines defined in Normative Resolution No. 145/2020/CUn .
- 8.5. Candidates opting for affirmative action will have three working days to file an appeal if any type of self-declaration is rejected.

9. ABOUT THE APPROVAL OF APPLICATIONS FOR AFFIRMATIVE ACTION VACANCIES

- 9.1. Only applications that fully comply with the requirements of this notice will be approved.



- 9.2. Validation of candidates' self-declarations for affirmative action vacancies will be carried out within 30 days after application.
- 9.3. The result must be published on the website <https://ppgeel.posgrad.ufsc.br/> and candidates notified by email. They have three business days to request a review.
- 9.4. The committee must respond to any requests for evaluation review within the necessary deadline.
- 9.5. Validation of affirmative action registrations depends on qualified committees and the participation of SAAD, which may cause delays in the schedule.

10. CLASSIFICATION AND RESULT

- 10.1. The selection and classification of candidates are responsibilities of the Doctoral Student Selection Committee and the Delegate Board.
- 10.2. For classification purposes, two lists of candidates will be created in alphabetical order, one list with successful candidates and opting for an affirmative action vacancy and another with approved candidates and not opting for an affirmative action vacancy.
- 10.3. Candidates for affirmative action vacancies will compete simultaneously for general classification vacancies and, if they have a sufficient score, they will enter through broad competition.
- 10.4. Candidates will be distributed according to the availability of vacancies specified in item 4.1 and distribution in item 4.2 and following the order:
 - 10.4.1. The filling of vacancies will begin with successful candidates in the broad competition for vacancies allocated to this category.
 - 10.4.2. Once the filling of broad competition vacancies has been completed, the vacancies will be filled by approved candidates and opting for affirmative action vacancies, excluding candidates in this category who were approved in the broad competition in item 10.4.1.
 - 10.4.3. Affirmative action vacancies not filled by candidates in this category will be allocated to candidates from the general classification, following the classification order defined in item 10.4.1.
- 10.5. If a candidate opting for an approved affirmative action vacancy withdraws, the vacancy will be filled by the subsequently approved candidate of the same modality.
- 10.6. If a false statement is found, the candidate will be eliminated from the selection process. If approved, you will be subject to the cancellation of your registration at PPGEEL, after an administrative procedure, in which you will be assured of adversarial proceedings and full defense, without prejudice to other applicable sanctions.
- 10.7. Accepted candidates may be awarded PPGEEL scholarships, subject to budget availability and in accordance with the scholarship distribution rules in force during the enrollment period of accepted students. Accepted candidates who are not awarded scholarships during the enrollment period may apply for scholarships following the rules of the subsequent PPGEEL Doctoral admission

processes or apply for scholarships financed by other institutions, when available.

- 10.8. Appeals will be made to the final classification to the PPGEEL Delegate Board only in the event of a form error, up to 3 (three) working days after the publication of the Final Results.
- 10.9. The results will be announced by publishing a list of approved candidates on the website <https://ppgeel.posgrad.ufsc.br/> from the date indicated in item 1.2.

11. REGISTRATION

- 11.1. Enrollment will be carried out in a continuous flow, during the academic year.

12. GENERAL PROVISIONS

- 12.1. Conditional and/or extemporaneous registration is prohibited.
- 12.2. Before registering, candidates must read the notice and make sure they meet all the requirements.
- 12.3. When applying, the candidate declares to be aware of the rules of the selection process.
- 12.4. The Doctoral Student Selection Committee is sovereign regarding evaluation and awarding of grades.
- 12.5. The appeals follow the UFSC Statute and General Regulations and the PPGEEL Regulations.
- 12.6. Omitted cases will be resolved by the Doctoral Student Selection Committee, after consulting the PPGEEL Delegate Board.
- 12.7. No other forms of official communication will be used. Under no circumstances will the Secretariat provide information about the selection process over the phone. Requests for clarification should be sent by email to pgeel@eel.ufsc.br.
- 12.8. Notice approved at a meeting of the Delegate Board on 12/11/2024.

December 11th, 2024.

Prof. Telles Brunelli Lazzarin, Dr. Eng.

Coordinator of the Postgraduate Course in Electrical Engineering at UFSC

Ordinance no. 630/2023/GR, of March 21, 2023

ANNEX A – SELF-DECLARATION OF BLACK OR BROWN

Having registered in Notice nº 01 /PPGEEL/2025 for one of the vacancies allocated, in accordance with Law nº 12,711/2012, Presidential Decree nº 7824/2012 and Normative Ordinance nº 18/2012/MEC, and Normative Resolution 145/2020 /CUN, to ethnic-racial affirmative action policies:

1. () I declare for the specific purpose of meeting the requirement included in the Selection Process, that I am black and have phenotypic aspects that characterize me as belonging to the black racial group.
2. () I declare for the specific purpose of meeting the requirement included in the Selection Process, that I am brown and have phenotypic aspects that characterize me as belonging to the black racial group.
3. I further declare that I am aware that if this self-declaration is found to be false, I am subject to the penalties of the law, especially the consequences related to art. 9th of Ordinance 18/2012-MEC and the notice of this selection process.

Florianópolis, _____ of _____ of _____.

Name: _____

Signature: _____

OPINION OF THE COMMITTEE FOR VALIDATION OF SELF-DECLARATION OF BLACK OR BROWN CANDIDATES

The Commission, after evaluation, has the following opinion about the candidate:

- () YES, it validates this self-declaration.
- () NO, it DOES NOT validate this self-declaration and it DOES NOT qualify the candidate to continue the selection process through affirmative actions.

Florianópolis, _____ of _____ of _____.

Commission signature:

ANNEX B – INDIGENOUS SELF-DECLARATION

1. I declare for the specific purpose of complying with the Postgraduate Selection Process of Notice No. 01 /PPGEEL/2025, for vacancies reserved for indigenous people, in accordance with Normative Resolution 145/2020/CUn, that I belong to the indigenous ethnic group: _____ originating from village/indigenous land _____ located in (municipality/state) _____.

2. I further declare that I am aware that having detected the falsity of this self-declaration, I am subject to the penalties of the law.

Florianópolis, _____ of _____ of _____.

Name: _____

Candidate signature: _____

3. Name of leadership: _____

Telephone: _____

Signature: _____

OPINION OF THE COMMITTEE FOR VALIDATION OF SELF-DECLARATION OF INDIGENOUS CANDIDATES

The Commission, after evaluating the candidate's documents:

() YES., it validates this self-declaration.

() NO, it DOES NOT validate this self-declaration and it DOES NOT qualify the candidate to continue the selection process through affirmative actions.

Florianópolis, _____ of _____ of _____.

Signature of the Presidency of the Commission:

ANNEX C – SELF-DECLARATION OF A PERSON WITH DISABILITIES

Having registered in Notice No. 01 /PPGEEL/2025 for one of the vacancies allocated under item VIII of article 37 of the Federal Constitution and, similarly, § 2 of article 5 of Law No. 8,112/1990;

1. () I DECLARE for the specific purpose of meeting the requirement stated in the PPGEEL selection process notice that I am a person with a disability.

2. () I DECLARE that I am aware that having detected the falsity of this statement subjects me to the penalties of the law, especially the consequences related to Article 9 of Ordinance 18/2012-MEC and the Notice of this selection process.

Florianópolis, _____ of _____ of _____.

Name: _____.

Signature: _____.

OPINION OF THE COMMITTEE FOR VALIDATION OF SELF-DECLARATION OF PERSON WITH DISABILITIES

The Self-Declaration Validation Committee for PERSON WITH DISABILITIES, after analyzing the documentation presented by the candidate, in relation to the provisions of the selection process notice:

() YES, it validates this self-declaration.

() NO, it does not validate this self-declaration and it does NOT qualify the candidate to continue the selection process through affirmative actions.

Florianópolis, _____ of _____ of _____.

Commission signature: _____