



Ministério da Educação
UNIVERSIDADE TECNOLÓGICA FEDERAL DO PARANÁ
DIRETORIA DE PESQUISA E PÓS-GRADUAÇÃO - CAMPUS CORNÉLIO PROCÓPIO
PROGR. DE POS-GRAD. ENGENHARIA ELETRICA



EDITAL N° 06/2020-PPGEE-CP
PUBLIC CALL FOR POST-DOCTORAL FELLOWSHIP
Post-Graduation Program on Electrical Engineering
Federal University of Technology- Paraná – Campus of Cornélio Procópio

This is a public and open call from the Post-Graduation Program on Electrical Engineering (PPGEE-CP) at the Federal University of Technology- Paraná, Campus of Cornélio Procópio. The program offers one (1) post-doctoral fellowship funded by the Brazilian agency CAPES under the Brazilian National Program for Post-Doctoral Research (PNPD), in accordance to the regulation of CAPES' Ordinance No. 86/2013 available at: www.capes.gov.br/bolsas/bolsas-no-pais/pnpd-capes.

The formal call is published in Portuguese, here: <http://www.utfpr.edu.br/cp/ppgee> (Edital 006/2020-PPGEE-CP – Bolsa de Pós-Doutorado 2021/1). This document contains a summary of the most important information regarding the position.

1. Presentation

1.1 The PPGEE-CP holds two main areas of research in Industrial Electronics Systems and two research lines: Electro-Electronic Drivers and Control and Automation Systems.

2. Scholarship PNP/CAPES of PPGEE-CP

2.1 The PPGEE-CP is currently offering 1 (one) position of Post-Doctoral fellowship funded by CAPES/PNP. The stipend is 4,100 (four thousand and one hundred) Reais (BRL) – tax free, payable monthly for a period from 6 months (minimum) to 12 months (maximum). The stipend period can be renewed up to 12 months based on the criteria adopted by the PPGEE-CP Graduate Commission, in accordance with the regulation of CAPES' Ordinance No. 86/2013. The selected candidate will become a post-doctoral fellowship at PPGEE-CP after signing the stipend contract. The stipend contract does not cover travel expenses.

2.2 After completing 12 months of grant, the candidate can register to renew the scholarship in the respective call for a post-doctoral position of PPGEE-CP, and, according to the classification, the post-doctoral fellowship can be renewed.

3. Requisites from the candidates

3.1. Hold a PhD degree with a strong potential for scientific research, whose research interests must be related to PPGEE-CP's current research lines (see <http://www.utfpr.edu.br/cp/ppgee>). PhD degrees recognized by the Brazilian Ministry of Education (MEC) are accepted. Foreign degrees not validated by MEC will be analyzed by the PPGEE-CP Graduate Commission.

3.2. Curriculum vitae with researches related to the PPGEE-CP's current research lines (see <http://www.utfpr.edu.br/cp/ppgee>). Brazilian citizens should present his or her Curriculum vitae in the Lattes website – lattes.cnpq.br. Foreign citizens can use CNPq's Lattes Platform (lattes.cnpq.br) or using the template attached to CAPES's Ordinance 086/2013 (also available in Annex IV of this call).

3.3. Not be retired or in equivalent situation.

3.4. Belong to one of the following categories:

- Brazilian or foreigner resident in Brazil with a temporary visa, with no current employment relationship;
- Foreigner resident abroad, with no current employment relationship;
- Professor or researcher with current employment relationship with a Brazilian higher education or public research institution.

§ 1º Foreigner resident abroad must present proof of residential address in the subscription submission process.

§ 2º Candidates approved in condition 3.4.c must present a document attesting the temporary leave from their home institution for a duration compatible to the grant period.

§ 3º Candidates approved in condition 3.4.c cannot perform the post-doctoral stage in the same institution they have employment relationship.

3.5 Candidates that received a scholarship from the previous call of post-doctoral can apply to this call only if they attend the following conditions:

- Have not received a grant for more than 24 months;
- Do not have pending issues at PPGEE-CP;
- Have submitted the final post-doctoral scholarship report.

Candidates are encouraged to make contact with a professor from the PPGEE-CP Graduate Commission, prior to application, to find out additional information on the current research activities developed at PPGEE-CP. Further details about the professors of the PPGEE-CP Graduate Commission are available at: <http://www.utfpr.edu.br/cp/ppgee>.

4. Requirements

4.1. The researcher must have a full-time dedication to the post-doctoral activities at PPGEE-CP's dependencies (Campus of Cornélio Procópio).

4.2. Not simultaneously accumulate this grant with any other kind of grant modality given by any agencies of grants and/or scientific development, national or international, or even with remuneration of professional activities. There are some exceptions, that can be verified at CAPES' Ordinance No. 83/2013.

4.3. The candidate must prove residency in Cornélio Procópio or cities nearby when presenting the documents to receive the grant.

4.4 The researcher must submit at least one article in a journal classified as A1 or A2 in Qualis CAPES 2013-2016 (see <https://sucupira.capes.gov.br/sucupira/public/consultas/coleta/veiculoPublicacaoQualis/listaConsultaGeralPeriodicos.jsf>), or the journal must have JCR \geq 2, referring to the research developed during the scholarship period.

4.5. The researcher must present a final report of the activities developed during the grant period. The report will be analyzed by the PPGEE-CP's commission. The final report must be sent up to 60 (sixty) days after the ending period of the scholarship. The researcher must present the final report together with the proof of paper submission (item 4.4).

5. Deadline and Application form

5.1. Candidates can apply exclusively by email (ppgee-cp@utfpr.edu.br). The application containing all the required documents should be sent from **October 1 to November 13, 2020**.

5.2. Applications made by fax or with missing documents will not be accepted.

5.3. Upon registration, the following documents must be presented:

a) Application form filled and signed (Annex I).

b) Copy of Curriculum Vitae (See item 3.2) with the proof documents for the items in Annex II. Another kind of curriculum vitae will not be accepted.

c) Research Project containing the research activities to be developed in the PPGEE-CP for a period of 12 months, clearly highlighting the correlation of the project to the research lines of the PPGEE-CP. The project must contain at least: title, introduction, goals, methodology, work plan, technical and financial feasibility, expected results, references (see the template in Annex III and <http://www.utfpr.edu.br/cp/ppgee>).

d) Copy of passport (Brazilian citizens should present his or her RG/CPF identification).

e) Copy of the PhD diploma or equivalent certificate that assures that the candidate has completed his or her PhD.

f) Proof of residence from a foreign country, only if the candidate is neither Brazilian nor resident. In case of approval, the candidate must prove residency in Cornélio Procopio or nearby cities when presenting the documents to receive the grant.

g) Copy of temporary leave approval by your institution when implementing the grant, in the case of a teaching candidate or researcher in the country with an employment contract.

5.4 Concerning the candidatures made by email, the candidates should request the receiving confirmation of her or his subscription.

5.5. Extemporaneous registration is prohibited.

5.6. The information provided in the application process will be the sole responsibility of the candidate. The PPGEE-CP has the right to exclude from the selection process anyone who does not present the complete documentation, complete and legible filling out of the form and / or who provides proven untrue data.

5.7. The accepted applications of the selection process will be issued by the PPGEE-CP Commission and will be available at both the PPGEE-CP's office and webpage <http://www.utfpr.edu.br/cp/ppgee>, in **November 20th, 2020**.

5.8. By registering, the candidate certifies that he/she is aware and in accordance with the conditions set out in this notice.

6. Selection Criteria and Schedule

6.1. The post-doctoral fellowship selection process from PPGEE-CP will be performed by a Selection Commission defined by PPGEE-CP Graduate Commission.

6.2. The selection will be divided into two different stages, each one attributing scores from 0,0 (zero) to 10,0 (ten). The first stage, which is classificatory, consists of the analysis of the Curriculum, prepared according to the requirements in 3.2; the second stage, which is eliminatory with a minimum passing score of 6,0 (six), consists of a research project, analyzed by an evaluation committee (Selection Commission) composed by three members, chosen by PPGEE-CP.

6.2.1. First stage – Curriculum Analysis (CL)

The curricula will be evaluated and valued according to the scoring available at Annex II, elaborated by PPGEE-CP Graduate Commission. The candidate with higher score will receive the score 10,0 (ten). The score conversion for the remaining curricula will be proportionally computed using simple proportions. Such evaluation is weighted by 5,0 (five) for the computation of the final score.

6.2.2. Second stage – Research Project (PP)

For elimination and classification purposes, the suitability of the Research Project to Electrical Engineering areas will be verified, as well as the suitability to research projects and themes from PPGEE-CP.

The PP evaluation criteria are described in the Annex III.

This evaluation is weighted by 5,0 (five) for the computation of the final score.

6.3. Final result

6.3.1. The Final Score (NF) of each candidate will be computed using the weighted average of the scores from the **Curriculum Analysis (CL)** and the **Research Project (PP)**, where the classification is sorted in descending order according to the following expression:

$$NF = 0,5 CL + 0,5 PP$$

6.3.2. The candidate with a Final Score (NF) lower than 6,0 (six) will be eliminated from the selection process. Those who obtain a Final Score higher or equal than 6,0 (six) will be approved and classified according to the score, in descending order, until the maximum number of offered positions is reached, as specified in the selection call. In case of a draw in the Final Score, the candidate with higher Curriculum score is classified and, if the draw persists, the following criteria are used:

a) higher number of A1 papers;

b) higher number of A2 papers;

c) higher number of B1 papers;

d) candidate with older age.

7. Publication of the Results

7.1 The result from each stage, as well the final result of the selection process, will be published by the commission at the notice board locally present in PPGEE-CP office, and at the PPGEE-CP website: <http://www.utfpr.edu.br/cp/ppgee>.

7.2 The candidate can request an analysis review, in person, upon written request, after the publication of each stage result.

7.3 The preliminary results will be published until 17h (GMT -3) of **November 27th, 2020**, at the PPGEE-CP website: <http://www.utfpr.edu.br/cp/ppgee>.

7.4 The appeals should be requested until 17h (GMT -3) of **December 02nd, 2020**, through the form available at: <http://www.utfpr.edu.br/cp/ppgee>, and filed using the e-mail: ppgee-cp@utfpr.edu.br, or personally in PPGEE-CP Office, Federal University of Technology – Paraná – UTFPR – Campus Cornélio Procopio. The PPGEE-CP selection commission, after analyzing the request, will verify the dates and decide about the merit of the presented appeals.

7.5 The final result will be published until 17h (GMT -3) of **December 07th, 2020** at the PPGEE-CP website: <http://www.utfpr.edu.br/cp/ppgee>. The final result publication will contain the name of all classified candidates with their respective final scores.

7.6. The selection process for the PPGE-CP post-doctoral position will attend to the following schedule:

- Applications: **01/10/2020** to **13/11/2020**
- Publication of accepted applications: **20/11/2020**
- Publication of preliminary results: **27/11/2020**
- Publication of final results: **07/12/2020**
- Beginning of post-doctoral activities: from **05/02/2021** to **05/03/2021***.

* Beginning of activities can be modified in function to the battling of the COVID-19 pandemic.

7.7 The final result of the selection process for the post-doctoral fellowship from the Graduate Program in Electrical Engineering will be formalized by the PPGE-CP Graduate Commission and published at the notice board locally present in PPGE-CP office, and at the PPGE-CP website: <http://www.utfpr.edu.br/cp/ppgee>.

7.8. The candidate will lose the rights for the fellowship if the formal entrance to the PPGE-CP is not fulfilled until the schedule established by the Graduate Commission.

8. Final Considerations

8.1. By completing the application in the present call, the candidate acknowledges the rules for PNP/D/CAPES scholarships.

8.2. The unapproved candidates can recover their documents at the PPGE-CP Office until 30 days after ending the selection process.

8.3. The application of the candidate implies on accepting the rules for this selection process, contained in the PPGE-CP Regulation and in the present call.

8.4. The candidate of the selection process will be eliminated, without any prejudice to the applicable criminal sanctions, the deceit or the attempt of deceiving any rules defined by the present call or by the PPGE-CP regulations and communications.

8.5. By decision of the PPGE-CP Graduate Commission, the scholarship may be canceled at any time, at the request of the supervisor, or for non-compliance with the requirements of this public call for post-doctoral fellowship.

8.6 The activities and scholarship implementation will begin between from February 05 to March 05, 2021. These dates can be modified in function to the battling of the COVID-19 pandemic.

8.7. The absent cases in the present call will be addressed by PPGE-CP Graduate Commission.

8.8. To settle any doubts related to the present Call, the Federal Justice forum, Londrina Judiciary Subsection, is elected, resigning to any other independent of its privilege.

8.9. The present call will be published at the website:

<http://www.utfpr.edu.br/cp/ppgee>.

Cornélio Procópio, September 28th, 2020



Documento assinado eletronicamente por **LEONARDO POLTRONIERI SAMPAIO, COORDENADOR(A) DE CURSO/PROGRAMA**, em 28/09/2020, às 18:48, conforme horário oficial de Brasília, com fundamento no art. 6º, § 1º, do [Decreto nº 8.539, de 8 de outubro de 2015](#).



Documento assinado eletronicamente por **MARCIO JACOMETTI, DIRETOR(A)-GERAL**, em 28/09/2020, às 19:26, conforme horário oficial de Brasília, com fundamento no art. 6º, § 1º, do [Decreto nº 8.539, de 8 de outubro de 2015](#).



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ANNEX I

Application Form – Public Call for Post-Doctoral Fellowship PPGE-CP

I. Personal Data:

Full Name:	
Country:	
Residential Address:	
City/State/Province:	Zip Code:
Phone:	E-mail:

RG or RNE or Passport number:			
CPF (only for Brazilian Citizens):			

II. Academic background:

Undergraduate Degree in	Start/End date:
Institution:	
MsD in/Field of Knowledge:	Start/End date:
Institution:	
PhD in/Field of Knowledge:	Start/End date:
Institution:	

III. Employment Relationship

() No () Yes	
Company/Institute:	
Professional Address:	
Phone:	Position:

I come to request to the Coordination of PPGE-CP of Federal University of Technology-Paraná, Campus of Cornélio Procópio, my application in the Public Call for a Post-Doctoral Fellowship.

I am aware and accept the rules and conditions established in this Public Call and PPGE-CP regulations.

(City/Province), Data

Candidate Signature

ANNEX II

1. Adopted Criteria for Curriculum Vitae Evaluation

The described activities in the curriculum will be scored in accordance with the score presented in this annex. The score used for the papers published in journals is ranked in accordance with the Brazilian CAPES criteria (Qualis Periódico 2013-2016), which can be accessed at: <https://sucupira.capes.gov.br/sucupira/public/consultas/coleta/veiculoPublicacaoQualis/listaConsultaGeralPeriodicos.jsf>. The obtained score will be converted to a scale from 0 (zero) to 10 (ten). The candidate with a higher score will be set to a maximum score of 10 (ten). The conversion of the other curricula will be proportionally scored.

1.1 Activities and scores taking into account in the avaluation process of the curriculum

Full Published Paper in Journal ranked as Qualis A1 CAPES Engenharias IV* (2017/2018/2019/2020)	10 points for each item
Full Published Paper in Journal ranked as Qualis A2 CAPES Engenharias IV * (2017/2018/2019/2020)	8 points for each item
Full Published Paper in Journal ranked as Qualis B1 CAPES Engenharias IV * (2017/2018/2019/2020)	6 points for each item
Coordinator of research or technological Project approved with financial support (CAPES, CNPQ, among others) in the last four years (2016/2017/2018/2019).	10 points for each item
Official supervision concluded of undergraduate students (scientific research)	0,5 points for each item. Maximum of 2 points.
Official supervision concluded of master students	2 points for each item
Official supervision concluded of doctorate students	4 points for each item
Invention or technological product that has generated a patent or similar property document in the last four years (2017/2018/2019/2020)	10 points for each item

1.2 The proof of the documents of this table must be attached as follows:

a) Patents: must be sent the proof of concession showing the authors' name.

b) Journal Papers: must be sent the first paper page, showing the journal's name and the authors' name. Accepted paper (in press) already online available and duly proven will be scored.

1.3. The activities of research Project coordination, student's supervision, and patents must be in CAPES Engenharias IV*, duly proven by the candidate together with curriculum vitae.

*CAPES Engenharias IV comprehends the areas of Electrical Engineering and Biomedical (more details at: <https://www.capes.gov.br/>).

ANNEX III

Research Project (PP)

The PP must meet the following structure: document identification, objectives, methodology, technical justification (technical and innovation), technical and financial feasibility, expected results/contributions and references to support the investigation.

The PP will be scored from 0 (zero) to 10 (ten), in accordance to the following criteria:

- 1) Scientific and/or technological merit: originality/innovation; expected progress in relation to the state of the art; theoretical basis for the proposal (up to 2.5 points);
- 2) Methodology: effectiveness of the proposed methodology; adequacy of the methodology to the proposed objectives (up to 2.5 points);
- 3) Feasibility: aspects for achieving the Research Project under a 12-month work plan; adequacy of the work plan in relation to the available resources (up to 2.5 points);

4) Qualification and adequacy of the candidate's background in the execution of the Research Project (up to 2.5 points).

Suggested template for the Research Project

1. Identification of the Research Project

Title of the Research Project:

Field of Knowledge:

Specialization/Research Line:

Candidate Full Name:

2. Abstract (up to 1 page).

3. Objectives (general and specific) (up to ½ page).

4. Problem identification and characterization (up to 2 and ½ pages). Theoretical foundation. Describe the importance of the problem and proposed solutions, based on relevant literature.

5. Technical justification of the proposal.

6. Methodology (up to 2 pages): Describe the methodology to be used for the development of the project.

7. Physical infrastructure (up to ½ page): List / describe the infrastructure needed to achieve the research proposal.

8. Funding already obtained by the candidate for the project (up to ½ page): List the candidate's ongoing projects (if any); Financial Source / Value / Period.

9. Budget: justify the consistency between the necessary resources and the expected results and products (up to ½ page).

11. Impacts and Benefits (up to 1 page).

12. References. List the main bibliographic references, cited in the text, according to Brazilian ABNT rules.

City and Date: _____, _____.

Candidate Signature

ANNEX IV

Programa Nacional de Pós-Doutorado
Anexo III - Portaria nº. 086 de 03 de julho de 2013

Foreign Researcher Curriculum Vitae

1. Professional data/activity		
Full name	Date of birth	Country
E-mail		
Institution	Present position	
Department	Start date (month/year)	
Office address	P.O. box	

City		State/Province	Country	Zip code
Phone number ()		Extension	Fax number ()	
2. Academic background				
Degree	Field of knowledge		Start / End date	
	Institution	city	Country	
Degree	Field of knowledge		Start / End date	
	Institution	city	Country	
Degree	Field of knowledge		Start / End date	
	Institution	city	Country	
Degree	Field of knowledge		Start / End date	
	Institution	city	Country	
Degree	Field of knowledge		Start / End date	
	Institution	city	Country	
3. Research interests				
4. Current position				
Managerial and/or administrative activity				

Research and Development				
Technical service/specialization				
	Others			
5. Work experience				
5.1. Institution	Position	Activities	Local	Start - End date
6. Scientific, technological and artistic production				
	number			number
1. scientific articles in national scientific journals		6. papers presented in congresses, seminars, conferences, etc.		
2. scientific articles in international scientific journals		7. participation in expositions, presentations, etc.		
3. articles for scientific dissemination		8. motion pictures, videos, audiovisual and media production		
4. defended theses		9. patents		

5. advised theses		10. books	
7. Main publications :			
Relevant publications related to the project			
8. Languages			
Indicate your language proficiency: P – poor G - good E - excellent			
Language speaking reading writing		Language speaking reading writing	