

CALL FOR APPLICATIONS

Job:

Job reference:	AE2019-0024 (SGEVL - CPES)
	INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Position:	Research Grants (BI)
City:	Porto
Research field:	Main: ENGINEERING
	Sub: Electronic engineering, Systems engineering

Job summary:

INESC TEC is accepting applications to award 1 Research Grant for MSC in the scope of Projects of Infrastructures of Scientific Investigation .	
Project:	(NORTE-01-0145-FEDER-022228)
Scientific Advisor:	Ricardo Jorge Bessa
Duration Grant:	from 2019-04-01 to 2020-03-31 (12) . The grant may be renewed for additional periods up to the maximum duration of the project or the duration of the grant for which the candidate was selected. It can also be renewed due to another project provided that it is entirely or partly related to the work area in the call and that it contributes to the ongoing training.
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area:	PCB design, fabrication/assembly Digital/analog signal processing Prototype programming and testing
Project overview:	PCB design, fabrication/assembly Digital/analog signal processing Prototype programming and testing
Objectives:	The work involves maturation, testing and validation of pre-conceived hardware solutions for grid connected power electronics converter prototypes and electric vehicle charging stations and implement. of its respective control software. The core of develop. will take place in INESC TEC's Smart Grid and Electric Vehicles Laboratory.

Academic Qualifications:	Masters in Science in the fields of Electronics/Eletric/Informatic Engineering or equivalent
Minimum Profile required:	Must be a capable programmer and have robust knowledge of engineering fundamentals. The applicant is expected to show learning and adaptation abilities, while also demonstrating working autonomy
Preference factors:	Preferred experience in electronics design, namely power electronic converters. Organization and design sensibility, problem solving reasoning and critical thinking are highly valued.
Monthly Grant:	€980,00 (MSC) according to the Stipends values of the grants awarded directly by the FCT, paid by bank transfer. The grant holder may also benefit from additional incomes in the sequence of a quarterly evaluation process (Clauses 12 and 13 of INESC TEC Grants Regulation and Annex II), up to a maximum of 50% of the monthly grant.

Project duration:	2017-07-01 a 2020-06-29
Funding Entity:	FCT, financed by the European Regional Development Fund (ERDF) through the Regional Operational Program Norte (Norte 2020), Lisbon Regional - LISBON 2020 and Regional Algarve - CRESC ALGARVE 2020 within the scope of the project NORTE-01-0145-FEDER-022228 .
The grant contract shall be submitted to the legislation concerning the Research Grant Holder Statute , approved by Law n 40/2004, dated 18 August, amended and republished by Decree-Law No. 202/2012 of 27 August and amended by Decree-Law No. 233/2012 of 29 October and by Law No. 12/2013, of January 29, and Decree-Law No. 89/2013 of July 9 as well as by INESC TEC Grant Regulation , approved by FCT - Fundação para a Ciência e a Tecnologia (Science and Technology Foundation) in 12 January 2011 and FCT current Grant Regulation. Additional information about INESC TEC Grants Regulation and relating annexes may be found at www.inesctec.pt/grants	

Selection Criteria:	Curriculum evaluation based on the criteria referred to in Clause 7 INESC TEC Grants Regulation and will include individual interviews in the final stage of the selection process, with its valuation: 90% curriculum evaluation (50% CV, 20% scientific domains and 20% Expertise) and 10% interview. Only those candidates who obtain at least 70% in the curricular evaluation (CV + Scientific Domain + Experience) will be called for the interview.
Selection Jury:	President of the Jury: Prof. Ricardo Jorge Bessa; Member: Prof. Bernardo Silva; Member: Prof. David Emanuel Rua;
Notification of results:	The results of the selection process will be disseminated to interested parties by mail, as referred to in Clause 8 of INESC TEC Grants Regulation .
Application period:	From 2019-02-13 to 2019-03-08
Application submission:	Fill in the electronic form in the section Work with Us at www.inesctec.pt , attaching the Curriculum Vitae, certificate of qualifications and other supporting documents relevant to the final assessment.