

CALL FOR APPLICATIONS: RESEARCHER

Job/position/grant:

Job reference:	AE2022-0040 (CESE-Geral - CESE) INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Job/position/grant:	RESEARCHER
City:	Porto
Research field:	Main: ENGINEERING Sub: Industrial engineering

Job summary:

INESC TEC is accepting applications for 1 job in the Operations Management; Industrial Engineering; Digital Maturity Assessment 4.0; Digital-Twin	
Scientific Advisor:	António Lucas Soares
Duration of the contract:	from 2022-04-01 to 2023-03-31, eventually renewable.
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area:	Operations Management; Industrial Engineering; Digital Maturity Assessment 4.0; Digital-Twin
Project overview:	Participation in research activities in the various CESE's projects.
Objectives:	Will perform the following assignments: - Research activities in the field of Industry 4.0; - Participate in the specification of high-level requirements; - Participate in the specification of KPI's; - Specification of i4.0 best practices; - Participate in the publication of results in scientific / technical journals.

Academic Qualifications:	Master's degree in Industrial Engineering and Management, or similar.
Minimum profile required:	Minimum experience of 2 years in R&D projects in the fields of Industry 4.0; Knowledge of methodologies for Digital Maturity Assessment 4.0; Knowledge of the Digital-Twin concept. Experience in the development of KPI's applied to Industry; Fluency in English, spoken and written.
Preference factors:	Previous participation in R&D projects. Scientific publications in the area. Minimum experience of 2 years.

Funding Entity:	
Type of contract:	fixed-term contract
The hiring shall be governed by what is stipulated in the legislation in force regarding fixed-term employment contracts and by INESC TEC norms.	

Selection criteria:	The selection of the candidates will be based on the following criteria, in descending order of consideration: a) Relevant Curriculum in the concerned field of this tender b) Proven experience.
Selection Jury:	President of the Jury: Prof. António Henrique Almeida; Member: Prof. Jorge Pinho de Sousa; Member: Prof. José Soeiro Ferreira;
Notification of results:	The results of the selection process will be sent to the interested by electronic mail.
Application period:	From 2022-02-02 to 2022-02-25
Application submission:	Electronic form filling in www.inesctec.pt in the section Work with Us