

# Call for Remote Dual Certificate Post-Doc Positions



## in IoT and Smart Cities



### Introduction

Based on the MoU between *Persian Gulf University* and *Instituto Politecnico de Viana do Castelo* dated July 16<sup>th</sup>, 2020:

The Int'l Affairs & Overseas Students at Persian Gulf University announced this call to nominate the candidates for two remote post-doc positions in IoT and Smart Cities starting in Spring 2021. **Two completion certificates will be issued independently from PGU and IPVC.**

### Positions and Conditions

#### 1- One Post-Doctorate Position (Code: ICT1)

**Title:** "Visual positioning algorithm to improve positioning in urban mobility of visually impaired people"

**Description:** <http://air.ir/Ztqbo7>

#### Competences recommended:

Image recognition (ML algorithms or existent frameworks); mobile app development (native or hybrid).

#### Supervisors:

Dr. Sara Paiva, IPVC

Dr. Ahmad Keshavarz, PGU

Dr. Habib Rostami, PGU

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#### 2- One Post-Doctorate Position (Code: ICT2)

**Title:** "LoRa Based Localization of vehicles at Bushehr Harbor"

**Description:** <http://air.ir/Ztqbo7>

#### Competencies required:

Path loss modeling for a LoRaWAN network; Machine learning (regression or classification); Signal processing

#### Supervisors:

Dr. Sérgio Lopes, IPVC

Dr. Sara Paiva, IPVC

Dr. Ahmad Keshavarz, PGU

### Funding and Duration

**Duration:** 1 to 2 years remotely or partially remote

**Funding:** Monthly salary of an Assistant Professor at Persian Gulf University in IRR for each post-doc position plus research grant.

### Who can apply?

PhD holders in Computer Engineering, Electrical Engineering and other Engineering disciplines familiar with artificial intelligence can apply.

### How to apply?

The applicants can apply via email and send the required documents to ([ICT@pgu.ac.ir](mailto:ICT@pgu.ac.ir)) before the deadline. Please write ApplicantName\_PostDoc as the subject of email.

The **strict closing date** of the call is **February 1, 2021** (Bahman 13, 1399).

### Required documents

- Motivation Letter (one page; including the title and code of the post-doc position)
- Recommendations from Supervisor(s)
- CV
- PhD and Master Transcripts
- Competencies Certificates (Recommended)
- Language proficiency proof (Recommended)

### Completion

Two Scopus indexed publications (one of which in JCR IF Journal) are required to complete the projects, and two individual completion certificates will be issued from each side.