**Persian Gulf University**

**ipvc Instituto Politécnico de Viana do Castelo**

# 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 16th, 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) 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.

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**معاونان محترم پژوهش و فناوری دانشگاه‌ها و موسسات پژوهشی**

با سلام و احترام،

بدینوسـیله فراخوان جـذب **پژوهشگر پسادکتری** مشترک دانشـگاه خلیـج فارس و انستیتو پلی‌تکنیک کاستلو پرتغال در زمینه‌های **شهر هوشمند** و **اینترنت اشیاء** جهت اطلاع رسانی به دانش آموختگان دکتری واجد شـرایط آن دانشـگاه/پژوهشگاه بحضور ایفاد می‌گردد. حقوق استادیار پایه ۱ و پژوهانه به پذیرفته‌شدگان در طول ۱ تا ۲ سال دوره پسادکتری تعلق خواهد گرفت و گواهی پایان دوره بطور جداگانه توسط دو دانشـگاه میزبان صـادر می‌گردد. اطلاعـات تکمیلی فراخـوان در وبسـایت و پوسـتر فراخوان موجود در پیوست تقدیم می‌گردد.

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

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

"LoRa Based Localization of vehicles at Bushehr Harbor"

Description: http://air.ir/Ztqbo7

**با آرزوی توفیقات الهی**
**دکتر روح الله فاتحی**
**معاون پژوهش و فناوری**

رونوشت :

– جناب آقای احمد کشاورز رئیس محترم پژوهشکده فناوری اطلاعات و ارتباطات دانشگاه