



University of Puerto Rico
Mayagüez Campus
Department of Human Resources
PHONE: 787- 832-4040 Ext. 3159 FAX 787-831-1720



JOB ANNOUNCEMENT

Announcement Number : 22-23

Position Title : Assistant Professor

Annual Salary : \$70,548.00

Location of Position : University of Puerto Rico
Mayaguez Campus
Department of Electrical and Computer Engineering

Opening Date : September 16, 2022

Closing Date : December 1, 2022

INTRODUCTION

The Department of Electrical and Computer Engineering of the University of Puerto Rico, Mayagüez Campus is currently searching for applicants to teach courses in the area of Digital Signal Processing (DSP).

MINIMUM REQUIREMENTS

Applicants must have a Ph.D. in Electrical Engineering or Computer Engineering, and completion of all requirements by the date of hire.

Digital Signal Processing: Special interest will be given to candidates with experience in developing DSP algorithms for RF and communication systems. This includes all RF applications/Software radio systems. The ideal candidate will have both experience designing and implementing the algorithms in hardware. Desirable additional areas of expertise includes implementations on FPGAs and VLSI. Exceptional candidates with a background in related areas will also be considered. Candidates for tenure-track positions must provide evidence of outstanding potential in research and teaching.

If your native language is not Spanish, you should be able to communicate fluently in English and be able to communicate effectively in Spanish before the first promotion or tenure, whichever comes first.

JOB DESCRIPTION AND DUTIES

The selected candidate will initially fulfill research and teaching obligations for the Center for Advanced Radio Sciences and Engineering (CARSE) and the Department of Electrical and Computer Engineering, respectively. The person selected is expected to develop creative research activities pertinent to CARSE, interact with researchers and students in the Center, advise graduate students, publish research results in peer-reviewed conferences and journals, attract external research funding, and contribute to the *Education, Outreach, and Workforce Development*, and the *Innovation and Collaboration Ecosystem* activities of the Center. The selected candidate is also expected to teach at the graduate and undergraduate levels or coordinate teaching laboratories in the ECE Department, participate in continuous improvement and assessment activities of our academic programs, participate in faculty committees, participate in outreach activities, and support general academic service activities in the Department.

HOW TO APPLY

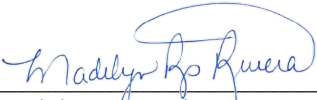
Please, provide the following documents:

1. Cover letter (including announcement number for which you are applying, e-mail, address, and phone number)
2. Curriculum Vitae
3. MS (if applicable) and Ph.D. transcripts
4. Three (3) letters of recommendation (It is expected that one of the letters is written by the applicant's Ph.D. advisor)
5. Detailed research and teaching statements in a single pdf file (1-2 pages)
6. Copy of three (3) peer-review publications (preferable IEEE Transactions journals) in topics related to embedded systems, reconfigurable systems, HW/SW codesign, fault-tolerant systems, cyber-physical systems, IoT or similar

Please send the documentation to:

Dr. Leyda León Colón
University of Puerto Rico, Mayagüez Campus
Department of Electrical and Computer Engineering

Call Box 9000
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Telephone: (787) 832-4040, X3821
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SUBMITTED BY: 

Madelyn Rios Rivera, MBA
Director

Some fringe benefits include: health plan, retirement, sick leave, maternity and paternity leave.

WE ARE AN EQUAL OPPORTUNITY EMPLOYER –M/F/V/I