Name & Surname: Fariba Eftekhar

Address: Department of Electrical Engineering, Faculty of Engineering, Shahid Chamran University of Ahvaz, Goldstar Blvd. Ahvaz, Khuzestan, Iran, Postcode: 6135783151

Phone/Mobile Number: +986133367008, Ext: 5643

E-mail address:

mailto: eftekhar_f@scu.ac.ir; fariba_eftekhar@yahoo.com

PROFESSIONAL PROFILE:

Instructor in Communication Engineering Department at Shahid Chamran University (SCU) of Ahvaz.

EDUCATION BACKGROUND:

M.Sc.: Electrical Engineering in the field of Communication - System (1997), Tarbiat Modarres University(TMU), Tehran, Iran

Thesis title: Automated Design and Evaluation of Local Area Networks

B.Sc.: Electrical Engineering in the field of electronic (۱۹۸۶), Isfahan University of Technology (IUT), Isfahan, Iran

TEACHING AND TRAINING EXPERIENCE:

Courses:

1. Signals and Systems
2. Principles of Communication Systems
3. Communication Circuits
4. Filter and Circuit Synthesis
5. Digital Communion
6. Electrical Circuits 1
7. Electrical Circuits 2
8. Electronic 1
9. Industrial Electronic Lab
10. Communication circuits Lab
11. Microprocessor Lab
12. Logic circuits Lab
13. Electricity physics Lab

HONOURS AND AWARDS:

Distinguished educators at Shahid Chamran University in 2018

INTERESTS AND RESEACH FIELDS:

Data Processing
Machine Vision

RESARCH ACTIVITIES:

PUBLICATIONS:

M. Norouzi, G. Akbarizadeh, and F. Eftekhar, "A hybrid feature extraction method for SAR image registration" Signal, Image and Video Processing, vol. 12, no. 8, pp. 1559–1566, November 2018 (ISI, IF=1.894)

CONFERENCE PRESENTATIONS:

1. M. Kouti, K Ansari-Asl, and F. Eftekhar, "Providing a hybrid method for classifying hyperspectral images based on analysis of Constrained Independent Components and Support Vector Machines (SVM)", The First Iranian Conference on Pattern Recognition and Image Analysis (PRIA 2013), (in Persian)
2. M. Ebadinejad, K Ansari-Asl, and F. Eftekhar, "Continuous emotion detection using artificial bee cloning algorithm and extreme machine learning", 3rd International Conference on Electrical Engineering, 2018, Tehran, Iran (in Persian)

RESEARCH PROJECTS:

    1. Internet Traffic modeling
    2. Using Software Radio in critical situations

LANGUAGES:

Persian (native)

English (medium)