

CURRICULUM VITAE

PERSONAL DETAILS



Fatemeh khosravi purian

Designation

Lecturer

Department

Department Of Electrical Engineering

Faculty

Faculty of Engineering

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Address(Office)

Address/Phone

ACADEMIC QUALIFICATION

(Qualification), (Institution).

Istanbul University-Cerrah Pasa, Electronics-Electrical (PhD.St), (TR)	2021- 2024
Istanbul Aydin University, Electronics- Electrical engineering (ING), (MS)	2017-2019
Islamic Azad University , Central Tehran Branch Electronics Engineering (MS)	2011-2013
Islamic Azad University, Naeen Branch Electronics Engineering (BS)	2007-2009
Yazd University, Computer Software (ING), (Associate Degree)	2005-2007
Islamic Azad University, Esfahan Branch, Electronics(Associate Degree)	2003-2005
Isfahan University, Esfahan university, Psychology and Educational Sciences(BS)	2008-2012

PROFESSIONAL AFFILIATION/MEMBERSHIP

(Organization), (Role), (Year), (Level).

- ✦ INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE), New York Member, USA, 2011-2016,
- ✦ IEEE Women in Engineering(WIE), New York Member, USA, 2011-2016
- ✦ Young Researchers and Elite Club, Iran Member, 2012-2016

ADMINISTRATIVE DUTIES

(Role), (Level), (Start date), (End Date).

- ✦ Lecturer, Bachelor(BS), Department Of Electrical Engineering, Faculty Of Engineering of Bonyan University, 2010 – 2015
- ✦ Lecturer, Associate Degree, Department Of Electrical Engineering, Faculty Of Engineering of Bonyan University, 2010 – 2015
- ✦ Electronics Department Laboratory lecturer, Bachelor(BS), Department Of Electrical Engineering, Faculty Of Engineering of Bonyan University, 2011 – 2015
- ✦ Electronics Department Laboratory lecturer, Associate Degree, Department Of Electrical Engineering, Faculty Of Engineering of Bonyan University, 2011 – 2015
- ✦ Lecturer, Bachelor(BS), Department Of Electrical Engineering, Faculty Of Engineering of Najafabad University, 2012 – 2015
- ✦ Lecturer, Associate Degree, Department Of Electrical Engineering, Faculty Of Engineering of Najafabad University, 2012 – 2016
- ✦ Electronics Department Laboratory lecturer, Bachelor(BS), Department Of Electrical Engineering, Faculty Of Engineering of Najafabad University, 2012 – 2016
- ✦ Electronics Department Laboratory lecturer, Associate Degree, Department Of Electrical Engineering, Faculty Of Engineering of Najafabad University, 2013 – 2016

AREAS OF EXPERTISE

(Area).

Robotic, Artificial Intelligence, Image Processing, Renewable Energy, Wireless Networks.

RECENT SELECTED PUBLICATIONS

(Publication).

Academic Journals 2013

Fatemeh Khosravi Purian, Ehsan Sadeghian; Path Planning of Mobile Robots Via Fuzzy Logic in Unknown Dynamic Environments with Different Complexities, Journal of Basic and Applied Scientific Research, *J. Basic. Appl. Sci. Res.*, 3(2s) 528-535, 2013, ISSN 2090-4304 (ISI- Cited Publication).

Fatemeh khosravi purian, Fardad Farokhi, reza sabbaghi nodushan; Comparing the Performance of Genetic Algorithm and Ant Colony Optimization Algorithm for Mobile Robot Path Planning in the Dynamic Environments with Different Complexities, Journal of Academic and Applied Studies (JAAS) Int. Association for Academies, Canada, Vol.3, No.2, Feb 2013, ISSN: 1925-931x.

Fatemeh khosravi purian, reza sabbaghi nodushan; A Novel Method to Find the shortest Path in Wireless Networks, Journal of Academic and Applied Studies (JAAS) Int. Association for Academies, Canada, Vol.3, No.3, March 2013, ISSN: 1925-931x.

Fatemeh khosravi purian, reza sabbaghi nodushan; An Approach Accurate Edging using Dynamic membership Function, International Journal of Smart Electrical Engineering, Vol.1, No.3, Summer 2013, ISSN: 2251-9246(ISC-Cited Publication).

Fatemeh khosravi purian, Fardad farokhi, Reza sabbaghi nodushan, Path planning of mobile robots via fuzzy logic in unknown dynamic environments with different complexities, First symposium of applied research on Science and Engineering, IAU,Takestan branch, April 25th and 26th, 2013.

Fatemeh khosravi purian, Ehsan sadeghian, The comparing mobile robot path planning by genetic algorithm and ant colony optimization algorithm in the unknown environments, International Conference on Electrical and

Computer Engineering (ICECE2013), 26-28 September 2013, Istanbul, Turkey.

Fatemeh khosravi purian, Ehsan sadeghian, Path planning of mobile robots with a combined approach of ant colony optimization and Fuzzy Logic algorithms in unknown dynamic environments, International Journal of Robotics and Automation ISSN (Online):1925-7090 and ISSN (Hardcopy): 0826-8185 (ISI indexed).

Fatemeh Khosravi Purian, Ehsan Sadeghian, Path planning of mobile robots via fuzzy logic in unknown dynamic environments with different complexities, Journal of Fiber Bioengineering and Informatics (JFBI), ISSN 1940-8676 (ISI indexed).

2014

Fatemeh khosravi purian, Ehsan sadeghian, Path planning of mobile robots via ACO and Fuzzy logic in unknown dynamic environments, 22th International Conference engineering IEEE, Iran Section, (ICEE2014).

2015

Fatemeh Khosravi Purian, Ehsan Sadeghian, Comparing Mobile Robot Navigation by combined ACO and ICA with Fuzzy Logic in unknown environments, International conference on Research in Engineering, Science and Technology, July 2015, Istanbul turkey.

Fatemeh Khosravi Purian, Ehsan Sadeghian, Comparing Mobile Robot Navigation by combined ACO and ICA with Fuzzy Logic in unknown environments, Journal Saechsischer Entomologen, ISSN 1866-6970, Germany (ISI, IM 1.72).

2016

Fatemeh Khosravi Purian, Ehsan Sadeghian, Comparing Path planning of Mobile Robot via ABC and ICA with Fuzzy Logic in unknown dynamic environments, congress on Computational Intelligence (IEEE WCCI 2016).

2018

Fatemeh Khosravi Purian, Murteza Farsadi, Comparing the Performance of ABC Algorithm and ACO Algorithm for Mobile Robot Path Planning in Dynamic Environments with Different Complexities, International Journal of Electronics, Mechanical and Mechatronic Engineering, ISSN 2146-0604, Sep 2018, Turkey

2019

Fatemeh Khosravi Purian, Murteza Farsadi, Swarm Intelligent Fuzzy Algorithm for Path Planning of Mobile Robot in

Others

2012

Dynamic Environment, 4th International Conference on Research in Science and Engineering, Chine, ICRSIE04-260, July 2019.

Two articles in Journal of Iranian Association of Electrical and Electronics Engineers (Persian).

Two articles in Iranian Electric Industry Journal of Quality and Productivity (Persian).

TEACHING

(Course Title), (Academic Session), (No of Student), (No of Contact Hours).

Post Graduate

ELECTRONIC CIRCUITS (2), 2012/2015(1), 90, 51
SPECIAL TOPICS IN ELECTRONICS (1), 2012/2015, 148, 54
COMPUTER PROGRAMMING IN MATLAB, 2010/2015(3), 56, 54
CIRCUIT ANALYSIS, 2012/2014(1), 28, 54
INDUSTRIAL CONTROL, 2012/2016(1), 32, 54
MICROPROCESSORS AND ASSEMBLER PROGRAMMING, 2012/2015(2), 47, 34
COMPUTER APPLICATIONS IN ELECTRONICS, 2010/2014(2), 32, 54
ANALYSIS OF SYSTEMS AND SIGNALS, 2012/2016(3), 114, 54
ELECTRONIC CIRCUITS, 2013/2016(2), 48, 51
TELECOMMUNICATION SYSTEM, 2010/2014(1), 21, 54
DIGITAL DESIGN, 2013/2015(1), 35, 34
GENERAL MATHEMATICS, 2012/2014(2), 56, 51
C PROGRAMMING, 2013/2014(2), 35, 34
INTRODUCTION TO ALGORITHMS AND PROGRAMMING, 2013/2015(1), 63
C++ PROGRAMMING, 2012/2014(3), 95, 54
JAVA PROGRAMMING, PRINCIPLES OF SOFTWARE DESIGN 2013/2014(3), 48, 54
MICROSOFT OFFICE, 2012/2015(1), 89, 48, 34

AWARDS AND RECOGNITIONS

(Name of Award), (Awarding Institution), (Year Awarded), (Level).

Excellent Student, University of Central Tehran Branch, 2013, GPA: 87.55 (UNIVERSITY).

Excellent Young lecturer, Electrical Engineering Department of Bonyan University, 2015, Esfahan, Iran.

Excellent Student, University of Naen Branch, 2010, GPA: 88.55 (UNIVERSITY).

Also,

- Experienced English Teacher successful at building positive teacher-parent relationships to support student success.
- Knowledgeable Instructor holding TEFL and TESOL certificate, having great communicational skills with children, parents, and the class teachers. Works well under pressure and consistently meets deadlines and targets while delivering high quality work.
- Open and clear communicator and creative problem-solver.
- Highly qualified with over 10 years in classroom environments.
- Successful English Teacher with expertise in building engaging lesson plans and communicating ideas to foster student comprehension.
- Expert in adapting course materials to meet established standards and individual academic capabilities.
- Well-versed in motivating students to meet learning objectives.
- English Head of Department, Native English and Robotic Teacher 09/2018 to current at Istanbul Colleges.

