

CURRICULUM VITA Mohammad Kheirollahi

Personal Information:

Name: Mohammad Kheirollahi
Date of Birth: 6 september 1985
Marital Status: single
City of Birth: Tabriz -Iran
City of Residence: Tabriz -Iran
Marital Status: single
Cell Phone: +98 9143192834
Home Phone: +98 4133309896
Home Address: number 4,danesh square,Zafaranie,Tabriz
Postal Code: 5166713575
E-mail: M_kheirollahi@sut.ac.ir
mohammadkheir87@gmail.com



Master of Science Thesis Supervisor(s): Dr.Behzad Rafezy, Dr MohammadReza Chenaghlou

University Name: Sahand University of Technology(SUT)
Civil Engineering Department Web Site: <http://civil.sut.ac.ir/>
University Web Site: <http://www.sut.ac.ir/>
University Address: Sahand, Tabriz, Iran PO. Box 51335/1996

Education Review:

University Certificates:

[September 2008 - January 2011]

Master of science in Structural Engineering
Department of Civil Engineering, Sahand University of Technology, Tabriz-Iran
Ranked 1th among Structural Engineering students
Final **Gpa:** 17.6/20 = 3.52/4

[September 2003 - September 2007]

Bachelor of science in Structural Engineering
Department of Civil Engineering, Islamic Azad University, Tabriz-Iran
Ranked 8th among about 200 Civill Engineering students
Final **Gpa:** 16.59/20 = 3.318/4

High School Certificate:

Diploma in Mathematics and Physics
Azadeghan high school institute, Tabriz-Iran, June 2003
Gpa: 18.53/20

Junior High School Degree:

Azadeghan junior school institute,June 2000
Gpa: 19.64/20

Honors & Distinctions:

Iran's Nationwide University Entrance Exam For Master of Science: Ranked 839th among 30,000 participants in national entrance exam of Universities for Civil Engineers (2008)

Ranked 1th among the Structural Engineering students, Sahand University of Technology, Tabriz-Iran

Ranked 8th among the Civil Engineering students, Islamic Azad University ,Tabriz-Iran

Ranked Active Researcher in Sahand Research Festival,2011

Invited Speaker in Earthquake Science and Engineering,September 15-18,2015 Chengdu,China, **Skill Certificate, Iran Technical and Vocational Training Organization,2015**

Academic Member of SUT University: M_kheirollahi@sut.ac.ir

Master of Science Dissertation:

An Investigation into the Seismic Performance of Concrete Shear Walls in Retrofitting of Masonry Structures

Research Field Of Interests:

- Earthquake and Structural Engineering
- ✓ Retrofitting of Masonry Structures
- ✓ Retrofitting of Historical Buildings
- ✓ Nonlinear Static and Dynamic Analysis of Structures
- ✓ Incremental Dynamic Analysis(IDA)
- ✓ Performance Based Design

Conference Publications:

- ✓ Kheirollahi M., Rafezy B., Chenaghlou,MR, An Investigation into the Seismic Performance of Concrete Shear Walls in Retrofitting of Masonry Structures,1st International Conference on Urban Construction in the Vicinity of Active Faults ,September 3-5,2011,Tabriz-Iran.
- ✓ Kheirollahi M., Chenaghlou,MR, The effect of Interaction concrete Shear walls and Masonry Structures,9th International Congress on Civil Engineering ,May 8-10,2012,Isfahan-Iran.
- ✓ Kheirollahi M., Seismic Evaluation of Concrete and Masonry Shear wall Interaction in the Retrofitting of Masonry Structures,4th International conference on Seismic Retrofitting,2-4 May,2012,Tabriz-Iran.
- ✓ Rafezy B.,Huynh Q., Gallart H., Kheirollahi M., An Innovative Method for the Seismic Retrofitting of Existing Steel Moment Frame Structures Using Side Plate Technology, Improving the Seismic Performance of Existing Buildings and Other Structures ,ATC & SEI 2015.

Journal Publications:

- ✓ Kheirollahi M., Equivalent Frame Model and Shell Element for Modeling of In-plane behavior of Unreinforced Brick Masonry Buildings, Structural Engineering and, Mechanics Vol.46,No.2,2013,213-229
- ✓ kheirollahi M., Rafezy B., An investigation into the interaction of concrete shear walls and masonry structures in the seismic performance of concrete shear walls, Canadian journal of environmental, construction and civil engineering, Vol.2,No.8,November 2011.
- ✓ Talatahari S., Kheirollahi M., Farahmandpour C., Gandomi A. H., A multi -Stage Particle Swarm for Optimum Design of Truss Structures,Neural Comput & Applic,Vol.3.,No.12.,July 2012.

Technical Skills:

Computer Programming Languages: Programing with Matlab

Finite Element Software: OpenSees, Ansys, Abaqus, Trimuri, Grasshopper, Rhino

Civil Engineering Software: Etabs2015,Sap2000, Safe2000, Auto-CAD, SeismoSignal,SeismoSpect,Formian

General Software: Microsoft Word , Microsoft Excel, Microsoft Power Point

Operating System: Windows Xp / Windows 7/Windows 10

Work Experience:

Supervisor & Designer:

- ✓ Retrofitting of Sadagiani Historical Buildings, Islamic Art University (2012-Present)
 - ✓ Retrofitting of Leather Factory, Islamic Art University, Tabriz-Iran(2012-2015)
 - ✓ Retrofitting of Minarets of GARAMALEK Mosque, Tabriz-Iran(2014)
 - ✓ Retrofitting of Seyed Ibrahim Mosque, Tabriz-Iran(2013)
 - ✓ Retrofitting of Concrete Building using CFRP, Tabriz-Iran(2015)
 - ✓ Designing of Palaz Mokat Gate, Tabriz-Iran
 - ✓ Designing of Irancell Mast, Tabriz-Iran(2012)
 - ✓ Designing of Concrete and Steel Buildings
 - ✓ Fire Retrofitting of Multimedya University, Islamic Art University(2015)
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Courses:

- ✓ Experiences of Restoration, Lead by Eng.Nicola Guido Berlucchi, 7th November 2015, Tabriz-Iran
 - ✓ International Symposium on Earthquake Engineering and Disaster Management , JIKA, 11th August 2012, Tabriz-IRAN
 - ✓ New Technologies in Retrofitting of masonry Structures, Sahand University of Technology, 22th May 2010
 - ✓ Hilti Certificate in HiltiProfis Anchor & HiltiProfis Rebar, 2th September 2014
 - ✓ Hilti Certificate in Installation and Firestop Systems , 3th September 2014
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Languages:

Persian: National language

Azeri: Perfect in Listening, intermediate in Speaking, Mother tongue Familiar with Turkish

English: I've taken TOLIMO and MSRT Test on 2012

I am going to take IELTS Test on January 2017

Activities & Hobbies:

- ✓ **Being a member of Young Researchers Club, Islamic Azad University, Tabriz-Iran.**
- ✓ **Being a member of Iranian Organization for Engineering Order of Building Province East Azerbaijan, Tabriz-Iran.**
- ✓ **Philosophical Discussions:** Attitude towards life, Religion or Ethic Philosophy
- ✓ **Listening to music, Cycling, Swimming**

References:

Dr Karim Abedi

Professor of Structural Engineering

Email: k_abedi@sut.ac.ir

Phone: 04133444344

Fax: 04133444343

Dr Behzad Rafezy

Associate Professor of Structural Engineering,
Earthquake Engineering, Mechanics, Director of
Research and Development at SidePlate
Systems, Inc.

Email: rafezyb@sut.ac.ir

Phone: +98-4133459090

Fax: +98-4133444343

Dr MohammadReza Chenglou

Professor of Structural Engineering

Email: mrchenaghlou@sut.ac.ir

Phone: 04123444344

Dr Hassan Afshin

Associate Professor of Structural Engineering
hafshin@sut.ac.ir

Dr Mehdi Poursha

Associate Professor of Structural Engineering

Email: poursha@sut.ac.ir

Phone: +98-41-33459388

Fax: +98-41-33444343