

ÖZGEÇMİŞ

1. Adı Soyadı : Hamid FARROKH GHATTE
2. Doğum Tarihi : 24.03.1974
3. Unvanı : ÖĞRETİM ÜYESİ
4. Öğrenim Durumu : Doktora
5. Çalıştığı Kurum : ANTALYA BİLİM
ÜNİVERSİTESİ/MÜHENDİSLİK FAKÜLTESİ/İNŞAAT
MÜHENDİSLİĞİ BÖLÜMÜ



Derece	Alan	Üniversite	Yıl
Lisans	İMŞAAT MÜHENDİSLİĞİ	Tabriz University, Iran.	1999
Y. Lisans	İMŞAAT MÜHENDİSLİĞİ YAPI	Kerman University, Iran.	2006
Doktora	İMŞAAT MÜHENDİSLİĞİ YAPI	Istanbul Technical University, Turkey.	2016

5. Akademik Unvanlar

- Yardımcı Doçentlik Tarihi : 28.11.2018
Doçentlik Tarihi :
Profesörlük Tarihi :

6. Yönetilen Yüksek Lisans ve Doktora Tezleri

6.1. Yüksek Lisans Tezleri

- 1) **Mehdi Bagherpour (2017)** “Seismic performance of RC columns with special cross-sections (cross, T and L shaped) in moment frame system based on Spectral analyses.” *The University of Aein Kamal, Urmia, Iran.*
- 2) **Rostam Olovpour (2018)** “Finite element modeling of seismic retrofitting of RC columns through FRP jacketing” *The University of Aein Kamal, Urmia, Iran.*
- 3) **Miralı Asghari (2018)** “Seismic performance of RC Beams through FRP jacketing based on finite element modeling” *University of Aein Kamal, Urmia, Iran.*
- 4) **Amir Ghanat Bari (2018)** “Evaluation of seismic design codes in the moment frame RC structures (ACI, CSA and Iranian seismic design code).” *Islamic Azad University, Urmia, Iran.*
- 5) **Erfan Montazami (2018)** “Finite element modeling and retrofitting of rocking walls” *University of Aein Kamal, Urmia, Iran.*
- 6) **Akbar PORASAD YENGEJEH (2019)** “Effective Parameters of Plastic Hinging Length in RC Beam-Column Joints.” **Islamic Azad University, Urmia, Iran.**
- 7) **Soheyl GHOLIBEYGI (2019)** “Seismic behavior of Rectangular RC Columns with a different Cross-Sectional Aspect Ratio” **Islamic Azad University, Urmia, Iran.**

<http://thesis.iaurmia.ac.ir/Public/Professor/ProfHome.aspx?PID=1133>

6.2. Doktora Tezleri

7. Yayınlar

7.1. Uluslararası hakemli dergilerde yayınlanan makaleler (SCI,SSCI,Arts and Humanities)

- 1) Farrokh Ghatte Hamid, Comert M, Demir C., Ilki A “Evaluation of FRP Confinement Models for Substandard Rectangular RC Columns Based on Full-Scale Reversed Cyclic Lateral Loading Tests in Strong and Weak Directions.” *Polymers* 2016, 8(9), 323; doi:[10.3390/polym8090323](https://doi.org/10.3390/polym8090323).
- 2) Farrokh Ghatte Hamid, Comert M, Demir C., Ilki A “Seismic Performance of Full-Scale FRP Retrofitted Substandard Rectangular RC Columns Loaded in the Weak Direction.” *Applied Mechanics and Materials*, Vol. 847, [pp.347-353](https://doi.org/10.4028/www.scientific.net/AMM.847.347-353), 2016.
- 3) Farrokh Ghatte Hamid, Comert M, Demir C., Akbaba, M, Ilki A. (2019) “Seismic Retrofit of Full-Scale Substandard Extended Rectangular RC Columns through CFRP Jacketing: Test Results and Design Recommendations” *Journal of Composites for Construction*, 23(1), [04018071](https://doi.org/10.1061/(ASCE)1095-2448(2019)23:1(04018071)).
- 4) Farrokh Ghatte, Hamid. (2019) “Evaluation of Reinforcing Bars Ratio Effects on SCC Beam-Column Joint Performance” *Uludağ University Journal of The Faculty of Engineering*, 24 (3), [PP 141-152](https://doi.org/10.1501/UEJ20190300100000000000000000000000), 2019.
- 5) Farrokh Ghatte, Hamid. (2020) “External steel ties and CFRP jacketing effects on seismic performance and failure mechanisms of substandard rectangular RC columns” *Composite Structures Volume 248*, 15 September 2020, [112542](https://doi.org/10.1016/j.compstruct.2020.112542).
<https://doi.org/10.1016/j.compstruct.2020.112542>.
- 6) Gholizadeh, S., Hassanzadeh, A., Milani, A. et al. “On the seismic collapse capacity of optimally designed steel braced frames” *Engineering with Computers* (2020). <https://doi.org/10.1007/s00366-020-01096-7>
- 7) Shahmansouri, A. A., Yazdani, M., Ghanbari, S., Bengar, H. A., Jafari, A., & Ghatte, H. F. (2020). Artificial neural network model to predict the compressive strength of eco-friendly geopolymers incorporating silica fume and natural zeolite. *Journal of Cleaner Production Volume 279*, 10 January 2021, [123697](https://doi.org/10.1016/j.jclepro.2020.123697).
- 8) Ghatte, H. F. (2020). Failure mechanisms and cracking performance of T-shaped SCC beam-column connections at top floor: Test results and FE modeling. *Structures Volume 28*, December 2020, [Pages 1009-1018](https://doi.org/10.1016/j.istruc.2020.1009-1018)
- 9) Ghatte, H. F. (2020). Farrokh Ghatte, H. A Hybrid of Firefly and Biogeography-Based Optimization Algorithms for Optimal Design of Steel Frames. *Arab J Sci Eng (2020)*.

7.2. Uluslararası diğer hakemli dergilerde yayınlanan makaleler

- 1) Maghsoudi, A.A. and F Ghatte, H., “Ductility and Ultimate State Investigation of Self Compacting Concrete Joints.” 1st International Congress on Seismic Retrofitting, 25-27 April 2006, Iran Tehran.
- 2) Farrokh Ghatte, H, and, Maghsoudi, A.A. “Experimental and Theoretical Investigation of Self Compacting Concrete Joints.” ICCEIE 2012: International Conference on Civil, Environmental and Infrastructure Engineering Paris, France November 28- 29, 2012.
- 3) Golbandi, H, and, Farrokh Ghatte, H. “**Seismic Performance Evaluation of the Structural System Consisting of RC Columns and Shear Walls of an Eight Story Building.**” ICCEIE 2012: International Conference on Civil, Environmental and Infrastructure Engineering Paris, France November 28 -29, 2012.
- 4) Comert M, Demir C., Farrokh Ghatte Hamid, Ilki A “**Seismic Performance of Full-Scale FRP Confined Sub-Standard Columns Subjected to High Axial Load.**” The 7th International Conference on FRP Composites in Civil Engineering, International Institute for FRP in Construction, August 20-22, 2014, Vancouver, British Columbia, Canada.
- 5) Farrokh Ghatte Hamid, Comert M, Demir C., Ilki A “**Performances of FRP Confinement Models for Predicting the Behavior of Full-Scale FRP Retrofitted Columns under Simulated Seismic Actions.**” APFIS-2015, Joint Conference, 14-16 December 2015, Nanjing, China.
- 6) Farrokh Ghatte Hamid, Peyman Hamidi, Tohid Charbgo “**Evaluation of retrofitting methods and seismic performance of masonry buildings in Urmia.**” 5th. International Congress on Civil Engineering and Urban Development 26-28 December 2017, Shahid Beheshti University, Tehran, Iran.
- 7) Farrokh Ghatte Hamid, Reza, Salehahar “**Retrofitting of Reinforced Concrete columns through their weak directions.**” National Conference on Construction in Earthquake- Prone Areas CEPA, 11-12 August 2017, Tabriz University, Tabriz, Iran.
- 8) Farrokh Ghatte Hamid, Amir Ghanate Bari “**Evaluation of seismic design codes in the moment frame RC structures (ACI, CSA and Iranian seismic design code)**” 1st. National Conference on Infrastructure Engineering 10-11 October 2018, Urmia University, Urmia, Iran.
- 9) Mehdi Bagherpour, Farrokh Ghatte Hamid “**Seismic performance of RC columns with special cross-sections (cross, T and L shaped) in moment frame system based on Spectral analyses.**” National Conference on Basic Research in Civil Engineering, Architecture, and Urban Planning, 29 June 2018, Tehran, Iran.
- 10) Farrokh Ghatte Hamid and Can AKSAKAL “Analytical Investigation of Reinforced Concrete Frames Considering Construction Sequences.” **12th International Scientific Conference on Production Engineering DEVELOPMENT AND MODERNIZATION OF PRODUCTION**, 18 -20 September 2019, Sarajevo, Bosnia.
- 11) Ali DANANDEH MEHR, Hamid FARROKH GHATTE “Treated Wastewater for Concrete Mixing; A Comparative Study between ASTM and Turkish Standards.” **12th International Scientific Conference on Production Engineering DEVELOPMENT AND MODERNIZATION OF PRODUCTION**, 18 -20 September 2019, Sarajevo, Bosnia.
- 12) BEYRAMNEJAD Yousef, HAMIDI Peyman, and FARROKH GHATTE Hamid “Ductility Performance of Reinforced Concrete Structures with Shear Walls Based on Nonlinear Static Analysis.” **6th National Congress on CIVIL ENGINEERING, ARCHITECTURE, AND URBAN DEVELOPMENT**, 10-12 December 2019, Iran

University of Science and Technology, Tehran Iran.

7.3. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

7.4. Yazılan uluslararası kitaplar veya kitaplarda bölümler

7.5. Ulusal hakemli dergilerde yayımlanan makaleler

- 1) **Farrokh Ghatte, Hamid.** (2019) “Evaluation of Reinforcing Bars Ratio Effects on SCC Beam-Column Joint Performance” [Uludağ University Journal of The Faculty of Engineering.](#)

7.6. Ulusal bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

7.7. Diğer yayınlar

8. Projeler

Project Assistant at TUBITAK Project:

Seismic Retrofitting of Rectangular RC Columns by Using CFRP Jacketing and Steel Anchorages (TUBITAK 1002 – HIZLI DESTEK PROGRAM)

March 2011-October 2012

Fwd: FW: 111M431

9. İdari Görevler

Head of the Institute of Civil Engineering in Technical and Vocational University, Urmia, Iran.

Head of Department of Civil Engineering in Technical and Vocational University, Urmia, Iran.

10. Bilimsel ve Mesleki Kuruluşlara Üyelikler

Iranian Construction Engineering Organization - Urmia, Iran.

March 1999- 2018

Membership No: 14-0-3-02870

Field: Civil Engineering

Level: First Grade

11. Ödüller

- *Recognition of the **Best Experimental Thesis** in Civil Engineering Department, Shahid Bahonar University of Kerman, Iran 2006.*
- *Recognition of an **Exemplary Engineer** in School Building Office in Urmia, Iran, 2007.*
- *Recognition of an **Exemplary Instructor** in Technical & Vocational University of Iran, Urmia, Iran 2009.*
- *Recognition of the **Best Advisor** in Technical & Vocational University of Iran, Urmia, Iran 2017.*

12. Son iki yılda verdiğiniz lisans ve lisansüstü düzeydeki dersler için aşağıdaki tabloyu doldurunuz.

Akademik Yıl	Dönem	Dersin Adı	Haftalık Saati		Öğrenci Sayısı
			Teorik	Uygulama	
2018-2019	Güz	Computer-Aided Structural Design	2	1	10
	Güz	Reinforced Concrete Structures II	3	0	56
	Güz	Natural Disasters and Structures	3	0	3
	Güz	Senior Project	-	-	2
	İlkbahar	Structural Analysis	3	0	56
	İlkbahar	Reinforced Concrete Structures I	3	0	54
	İlkbahar	Tall Buildings	3	0	5
	İlkbahar	Senior Project	-	-	5
	Yaz	Reinforced Concrete Structures I	3	0	15
2019-2020	Güz	Computer-Aided Structural Design	2	1	32
	Güz	Reinforced Concrete Structures II	3	0	58
	Güz	Natural Disasters and Structures	3	0	5
	Güz	Senior Project	-	-	6
	İlkbahar	Dynamics of Structures	3	0	32
	İlkbahar	Reinforced Concrete Structures I	3	0	56
	İlkbahar	Tall Buildings	3	0	5
	İlkbahar	Senior Project	-	-	5
	Yaz	Reinforced Concrete Structures II	3	0	18