

# Dr. Mansour Bagheri

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**Address:** Birjand University of Technology, Birjand, Iran.

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**Phone:** +98(56) 32391312

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**Fax:** +98(56) 32252025

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**Email:** mnsrbagheri@birjandut.ac.ir

## Academic CV

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**2003 – 2007 : BSc**

**University of sistan and  
Baluchestan**

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**2007 – 2010 : MSc**

**University of sistan and  
Baluchestan**

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**2010 – 2015 : PhD**

Doctoral thesis "[Fuzzy Reliability Structural Analysis using Heuristics](#)", supervised by. Prof. M. Miri

**University of sistan and  
Baluchestan**

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## Research Interests

- Structural Reliability
- Fuzzy Modeling
- Smart Heuristics

## Lectures

- Design of Steel Structures
- Static of Structures
- Application of Civil Engineering software
- Loading of Structures

## Supervision of

- Seismic Assessment of Irregular in Plan Steel Moment Frames Under Near-Fault Accelerograms. By Amir Abdollahi, Islamic Azad University of Zahedan, 2018.
- Seismic Assessment of Concrete Structures Reinforced with Newly Developed Smart Materials. By Mahmood Pordel, Islamic Azad University of Ferdows, 2018.

## Publications

- M. Bagheri, M. Miri, N. Shabakhty, "Modeling of epistemic uncertainty in reliability analysis of structures using a robust genetic algorithm", Iranian Journal of Fuzzy Systems, Vol. ۱۲, pp. ۲۳-۴۰, (2015).
- M. Bagheri, M. Miri, N. Shabakhty, "Fuzzy reliability analysis using a new alpha level set optimization approach based on particle swarm optimization", Journal of Intelligent & Fuzzy Systems, Vol. ۳۰, pp. 235-244, (2016).
- M. Bagheri, M. Miri, N. Shabakhty, "Fuzzy time dependent structural reliability analysis using alpha level set optimization method based on genetic algorithm", Journal of Intelligent & Fuzzy Systems, Vol. 32(6), pp. 4173-4182, (2017).

- B. Keshtgar., M. Bagheri., "Fuzzy relaxed-finite step size method to enhance the instability of the fuzzy first order reliability method using conjugate discrete map", *Nonlinear Dynamics*, Vol. 91(3), pp. 1443-1459, (2018).
- M. Bagheri, B. Keshtegar "Fuzzy Structural Reliability Analysis using the Dynamic Directional Stability Transformation Method ". *Computational Methods in Engineering*, Vol. 37 (1), pp. 133-148, (2018).