VELAYAT UNIVERSITY

Hossein Taghipoor

Assistant Professor

College: Faculty of Engineering

Department: Department of Mechanical Engineering

Education

Degree	Graduated in	Major	University
BSc	2007	Mechanical Engineering (Solid Mechanics)	Islamic azad university semnan branch
MSc	2014	Mechanical Engineering (Solid Mechanics)	Islamic azad university semnan branch
Ph.D	2018	Mechanical Engineering (Solid Mechanics)	Semnan University

Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
(not set)	(not set)	Tenure Track	Full Time	6

Work Experience

Head of Industrial Relationship and Entrepreneurship

Awards

2014 First place in MSc. Ranking with Averaged Grade of 17.84, between 23 Graduated Students, Islamic azad university semnan branch, Semnan, Iran

2017 Best teacher in Faculty of Mechanical Engineering, Technical and Vocational University, Damghan, Iran

2018 First place in Ph.D. Ranking with Averaged Grade of 19.31, between 3 Graduated Students, Semnan University, Semnan, Iran

2018 Membership in the Elite Foundation of the Islamic Republic of Iran

2019 Best Researcher in Faculty of Mechanical Engineering, Technical and Vocational University, Semnan, Iran

Subjects Taught

	Main Field: Solid Mechanics and Impact
Mechanical Engineering (Solid Mechanics):	• Velayat University (2019-Present): Strength of Materials II, Mechanical Engineering Design II., Design of Machinary, Static.
	• Semnan University (2014-Present): Teaching Assistant (TA) for Laboratory of impact, Strength of Materials 3, Mechanic of impact.
	• Damghan University (2017-Present): Composite Materials, Fracture/Fatigue/Creep, Industrial Drawing, Strength of Materials III, Mechanical Engineering Design I/II.
	• Islamic Azad University, Damghan Branch (2014-2015): Industrial Drawing, Professional Foreign Language, Computer Basics and Programing.
	• Technical and Vocational University, Amirabad Damghan (2017- Present): Industrial Drawing, Professional Foreign Language, Computer Basics and Programing, Laboratory of Strength of Materials, Strength of Materials I/II, Mechanical Engineering Design I/II.

Executions And Scientific Activities

Articles Reviewing:

Journals

1. Journal of Structural and Multidisciplinary Optimization
2. Mechanics of Advanced Materials and Structures
3. Journal of Sandwich Structures and Materials
4. Journal of steel and composite structures
5. advances in automotive engineering an international journal

Khwarizmi International Award

6. The referee of the khwarizmi International Award, 21th Annual International the khwarizmi International Award

Papers in Conferences

1. حسین تقی پور , سیدحسین آرامی , محمد دامغانی نوری،بررسی تجربی میزان جذب انرژی در لوله های مربعی شکل جدارنازک با عیوب سطحی بیضوی،ISME۲۰۲۰،۲۰۲۰ ۰۴ ۰۱.
2. حسین تقی پور_محمد دامغانی نوری،مطالعه تجربی و عددی پانلهای ساندویچی با هستهی مشبک تحت بارگذاری

ضربهای با سرعت پایین،ISME۲۰۱۸،۲۰۱۸ ۰۴ ۰۱.

Papers in Journals

1. Experimental investigation of the three-point bending properties of sandwich beams with polyurethane foam-filled lattice cores،Structures،۴۳۲،۲۰۲۰-۴۲۴ شماره صفحات.
2. Arameh Eyvazian و سایر،Experimental and numerical investigations on axial crushing of square cross-sections tube with vertical wave،Steel and Composite Structures،۲۰۲۰.
3. H. Taghipoor و M. Damghani Nouri،Experimental and numerical investigation of lattice core sandwich beams under low-velocity bending impact،Journal of Sandwich Structures & Materials،شماره ۲۱۷۷،۲۰۱۹-۲۱۵۴ صفحات.
4. hossein taghipoor و Keramat Malekzade Fard،Experimental and numerical study of Energy Absorption in foam filled Trapezoidal Compound core sandwich panels subjected to quasi-static loading،J. Sci. Technol. Compos،۵۷۴،۲۰۱۹-۵۶۵ مجلد ۵،شماره صفحات.
5. H. Taghipoor و M. Damghani Nouri،Axial crushing and transverse bending responses of sandwich structures with lattice core،Journal of Sandwich Structures & Materials،۵۹۸،۲۰۱۸-۵۷۲ شماره صفحات.
6. H. Taghipoor و M. Damghani Nouri،Experimental and numerical study on energy absorption of lattice-core sandwich beam،Steel and Composite Structures،۲۰۱۸.
7. • H. Taghipoor , K. Malekzade Fard , A. Bigdeli،Experimental, numerical and analytical study of energy absorption in high velocity penetration phenomena on composite targets،J. Sci. Technol. Compos،۲۰۱۸.
8. H. Taghipoor و M. Damghani Nouri،Experimental Investigation of Energy Absorption in Foam Filled Sandwich Beams with Expanded Metal Sheet as Core under Quasi-static Bending،Modares Mechanical Engineering،۱۳۴،۲۰۱۸-۱۲۶ مجلد ۱۸،شماره صفحات.
9. H. Taghipoor و M. Damghani Nouri،Topology Optimization Study in Energy Absorption of Lattice-core Sandwich Beams under Three-point Bending Test،Modares Mechanical Engineering،شماره،مجلد ۱۸ ۱۷۳،۲۰۱۸-۱۶۳ صفحات.
10. Arameh Eyvazian , Hossein Taghipoor , TrongNhan Tran,Analytical and experimental investigations on axial crushing of aluminum tube with vertically corrugated,International Journal of Crashworthiness,2021.
11. iHossein Taghipoor et al.,Experimental and numerical study of lattice-core sandwich panels under low-speed impact,Materials Today: Proceedings,2020.
12. iHossein Taghipoor et al.,Experimental investigation of the thin-walled energy absorbers with different sections including surface imperfections under low-speed impact test,Materials Today: Proceedings,pp. 1498-1504,2020.