Sahand University of Technology

Nabi Mehri-Khansari

Assistant Professor

College: Faculty of Mechanical Engineering

Bibliography

Dr. Nabi Mehri-Khansari received his B.Sc. degree in Mechanical engineering from the ***Iran University of Science and Technology (IUST)***, Iran. He received the M.Sc. and Ph.D. degree in Aerospace engineering from the University of Tehran. He was admitted by ***University of Tehran*** in M.Sc. and Ph.D., (acceptance with quotas for talented students). His research fellow was in ***NTNU University***, Trondheim, Norway and interest fields cover Damage and Fracture detection, modeling in composite structures considering Machine learning and Deep learning.

Aerial Structural Laboratory (ASL)

reviewer of the journals:

- Material & Design (Elsevier)
- Mechanics Based Design of Structures and Machines (Taylor & Francis)
- Theoretical and applied Fracture Mechanics (Elsevier)
- Proceedings of the Institution of Mechanical Engineers, Part C (SAGE)
- Journal of materials engineering and performance
- Frattura ed Integrit Strutturale (Fracture and Structural Integrity)
- Journal of Computational Applied Mechanics (University of Tehran)
- Engineering Applications of Computational Fluid Mechanics (Taylor & Francis)
- Journal of Solar Energy Research (University of Tehran)
- Engineering Solid Mechanics (Growing Science)
- Journal of Advanced Research in Numerical Heat Transfer
- Journal of Challenges in Nano and Micro Scale Science and Technology
- Journal of Modares Mechanical Engineering
- International Journal of Advanced Design and Manufacturing Technology (ADMT)
- Journal of Space Science, Technology and Applications (JSSTA)
- Journal of Mechanics of Advanced and Smart Materials (MASM)
- Journal of Materials Chemistry and Mechanics (MCAM)

Education

Degree	Graduated in	Major	University
BSc		Mechanical Engineering	Iranian University of Science and Technology
MSc		Aerospace Engineering	University of Tehran
Ph.D		Aerospace Engineering	University of Tehran

Papers in Conferences

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2. Navid ghoreishi, Nabi mehri,Mode (I, II, III) Stress Intensity Factors of Composite-Coated Gas Turbine Blade Using Semi-Elliptical Crack,Iranian Journal of Science and Technology, Transactions of Mechanical Engineering,2023.
3. Mohammad Beygzade,Majid Safarabadi, Morteza Ataei ,& Aazam, Nabi Mehri Khansari,Life cycle estimation of notched polymer base dental composites reinforced with nanoparticles,Journal of Science and Technology of Composites,2023.
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Thesis

1. Investigation of interlayer fracture behavior of printed continuous fiber thermoplastic composites using experimental method and statistical damage models
2. Investigation of Fracture Properties of Composite Thermoplast in Combined Mode (I/II) Using Digital Image Correlation Method (DIC)

3. Investigation of Interlayer Fracture of Thermoplastic Composite of Continuous Hot Press Fibers in Combined Mode (I/II) Considering Hardening Mechanisms in Damage Zone
4. Investigation of Parameters Affecting Traction Behavior of Hybrid Joints (Adhesive-Rivets), Metal-Composites
5. Investigation of fracture behavior of dental composites of polymer notched with nano particles
6. The effect of adding nanoparticles on fatigue behavior of dental composites
7. Study of Nanoparticle Reinforced Polymer Based Dental Composites under Fatigue Load
8. Effect of Nano Particles on Impact Behavior in Dental Nanocomposites