

1. Faculty Name

- a. Mohammad Shafinul Haque, Ph.D.

2. Education

- a. Ph.D., Mechanical Engineering, The University of Texas at El Paso, 2018
- b. M.S., Mechanical Engineering, The University of Texas at El Paso, 2015
- c. B.Sc., Mechanical Engineering, Khulna University of Engineering and Technology, Bangladesh, 2009

3. Academic Experience

- a. Angelo State University, Assistant Professor (Tenure-track), 2018-present, full time
- b. The University of Texas El Paso, Lecturer, Summer 2018, part time
- c. The University of Texas El Paso, Instructor, 2017-2018, part time
- d. The University of Texas El Paso, Graduate Research Associate, 2015-2018, part time
- e. The University of Texas El Paso, Teaching Assistant, 2013-2015, part time

4. Non-Academic Experience

- a. United Surgical Limited, Bangladesh, Product Development Executive, Design and making prototypes, 2012-2013, full time.
- b. PARTEX Furniture Industries Limited, Bangladesh, Production Engineer, Planning the production line for on-time delivery, 2011-2012, full time

5. Certifications or Professional Registrations

- a. None

6. Current Membership in Professional Organizations

- a. American Society of Mechanical Engineers, ASME, Member
- b. Tau Beta Pi, The Engineering Honor Society, Member
- c. Phi Kappa Phi, All Academic Honor Society, Member
- d. TSPE, Texas Society of Professional Engineers, Member

7. Honors and Awards

- a. Outstanding Graduate Student Award in Mechanical Engineering, Honors Convocation, 2018.
- b. Honorable Mention Paper, award at ASME Pressure Vessel and Piping Conference, Hawaii, 2017.
- c. Frank B. Cotton Trust Scholarship, UTEP, 2016.
- d. Dodson Research Grant, UTEP, 2015.
- e. UTEP Graduate School Travel Grant, 2015

f. The Minerals, Metals, and Materials Society (TMS) Travel Grant, 2014.

8. Service Activities

- a. Mentor, DOE funded project, for four undergraduate students, UTEP.
- b. Proctor, cSETR Computational Laboratory, UTEP.
- c. Planning Committee Member, Graduate Student Research Expo, UTEP
- d. Judge, Campus Office of Undergraduate Research Activities (COURI), UTEP summer research program
- e. Reviewer: ASME PVP, IMECE, and Turbo EXPO conferences.

9. Journal Publications

- a. Arrieta, E, Haque, M.S., Mireles, J., Stewart, C. M., Carrasco, C., Wicker, R.B., "Mechanical Behavior of Differently Oriented EBM Ti-6Al-4V Components Using Digital Image Correlation," ASME, Journal of Engineering Materials and Technology.
- b. Haque, M. S., and Stewart, C. M., 2017, "The Stress-Sensitivity, Mesh-Dependence, and Convergence of Continuum Damage Mechanics Models for Creep," ASME Journal of Pressure Vessel Technology, PVT-16-1171.
- c. Haque, M. S., and Stewart, C. M., 2016, "Finite Element Analysis of Waspaloy Using Sinh Creep-Damage Constitutive Model Under Triaxial Stress State," ASME Journal of Pressure Vessel Technology, PVT-15-1246.

10. Conference Publications

- a. Haque, M. S., Ramirez, C., Stewart, C. M., 2017, "A Novel Metamodeling Approach for Time-Temperature Parameter Model", ASME, PVP2017, Waikoloa, Hawaii, July 16-20, 2017.
- b. Haque, M. S., Stewart, C. M., 2017, "Selection of Representative Stress Function under Multiaxial Stress State Condition for Creep ", ASME, PVP2017, Waikoloa, Hawaii, July 16-20, 2017.
- c. Haque, M. S., Arrieta, E., Mireles, J., Stewart, C. M., Carrasco, C., Wicker, R.B., 2016, "Mechanical Behavior and Microstructure of Electron Beam Melted Ti-6Al-4V Using Digital Image Correlation", ASME, IMECE16, Phoenix, Arizona, Nov. 13-16, 2016.
- d. Haque, M. S., C. M. Stewart, C. M., 2016, "Exploiting Functional Relationships Between MPC Omega, Theta, And Sinh-Hyperbolic Continuum Damage Mechanics Model", ASME, Pressure Vessel and Piping Conference, Vancouver, Canada, July 17-21, 2016.

11. Professional Development Activities

- a. Mentor, UTEP Student Organization Leadership Retreat, May, 2015.
- b. Vice-President, Tau Beta Pi, The Engineering Society, 2015-2016.
- c. Presenter, DOE Annual Review Meeting, National Energy Technology laboratory, Pittsburgh, Pa, 2017 and 2018.

Website: <https://sites.google.com/site/toshafin/>