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| **Shahnam Navaee, Professor****Department of Civil Engineering and Construction**P.O. Box 8077 • Statesboro, GA 30460 • (912) 478-1894 • snavaee@georgiasouthern.edu |
| ▼ **Education*** Ph.D. in Engineering, Clemson University, 1989
* M.S. in Civil Engineering, Louisiana State University, 1983
* B.S. in Civil Engineering, Louisiana State University, 1980
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| ▼ **Teaching Expertise/Courses**Dr. Navaee’s teaching expertise include Statics, Dynamics, Mechanics of Deformable Bodies, Advanced Mechanics of Materials, Structural Analysis, and Elasticity |
| ▼ **Research Expertise**Dr. Navaee’s research interests include Large Deflections of Flexible Structural Members, Contact Problem of Solid Bodies, Damage Analysis of Composites, Experimental Research in Structural Engineering, and Educational Research. |
| ▼ **Sample Publications*** Navaee, S., & Maldonado, G., “Scholastic Considerations for Selection and Design of an Honors Project in Structural Engineering,” *2020 ASEE SE Section Annual Conference*, Auburn University, Auburn, AL, March 8-10, 2020.
* John, D., Chen, Y., Navaee, S., & Gao, Weinan, “STEM Education from the Industry Practitioners’ Perspective,” *2018 ASEE Annual Conference & Exposition*, Salt Lake City, UT, June 24-27, 2018.
* Navaee, S. & Kang, J., “Finite Element Simulation Models for Mechanics of Materials,” *2017 ASEE Annual Conference & Exposition*, Columbus, OH, June 25-28, 2017.
* Navaee, S. & Kang, J., “Enhancement of a Finite Element Analysis Course for Structural Engineering,” *Computers in Education Journal*, Vol. 7, No. 4, Oct.-Dec. 2016.
* Navaee, S., “Application of Web Published Virtual Instruments in Delivering Engineering Instructions and Performing Experimental Research,” *Computers in Education Journal*, Vol. 6, No. 4, Oct.-Dec. 2015.
* Navaee, S., “Development of a Graphical User Interface for Design of Thin Curved Beams,” *2012 ASME International Mechanical Engineering, Congress and Exposition (IMECE)*, Vol.3, Houston, TX, Nov. 9-15, 2012.
* Navaee, S., “A Developed Toolkit for Analysis of Large Deflections of Beams,” *2009 ASME International Mechanical Engineering Congress and Exposition (IMECE), Vol. 7, Lake Buena Vista*, FL, Nov. 13-19, 2009.
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| ▼ **Grants/Funded Projects*** **College of Engineering & Computing Faculty Research SEED Grant***Rehabilitation of Bridge Piers,* Amount:$ 6,655 (Fully-Funded), PI: Navaee, S., Oct. 29, 2018.
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