

Tenure-Track: Assistant Professor of Mechanical  
Engineering  
Texas A&M University, Galveston

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Posted Nov. 23, 2022, set to expire Mar. 25, 2023

<b>Job Title</b>	Tenure-Track: Assistant Professor of Mechanical Engineering
<b>Department</b>	Marine Engineering Technology <a href="http://www.tamug.edu/marr/">http://www.tamug.edu/marr/</a>
<b>Institution</b>	Texas A&M University, Galveston Galveston, Texas
<b>Date Posted</b>	Nov. 23, 2022
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Sep. 1, 2023
<b>Job Categories</b>	Research Professor Assistant Professor
<b>Academic Field(s)</b>	Ocean Engineering Naval Architecture & Marine Engineering Mechanical Engineering
<b>Apply Online Here</b>	<a href="http://apply.interfolio.com/115076">http://apply.interfolio.com/115076</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

**Description:**

The Department of Marine Engineering Technology (MARE) at Texas A&M University at Galveston invites applications for a full-time tenure-track position with a 9-month academic appointment beginning September 1, 2023. Applicants will be considered for an Assistant Professor title to conduct high impact research and teaching (undergraduate courses, both face-to-face and online) in one or more of the following general areas: Marine Engineering, Mechanical Engineering or Ocean Engineering.

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Desirable with research or industrial R&D experience in one or more of the following areas: blue energy, naval architecture, ship design and optimization, marine propulsion or power plant operation, efficient engines, green and sustainable shipping, naval mechatronics, decarbonization and marine alternative fuels. Knowledge of LNG operations is desirable. The candidate will be expected to teach some core courses such as fluid mechanics, heat transfer, strength of materials, statics and dynamics, naval mechatronics and develop new courses in emerging technologies, decarbonization and efficient marine propulsion or power plant operation.

We encourage candidates from all backgrounds to apply. We are especially interested in qualified candidates with a demonstrated commitment to diversity, equity, and inclusion, who can contribute, through their research, teaching, and/or service, to the diversity and excellence of the academic community. Texas A&M University is committed to enriching the learning and working environment for all visitors, students, faculty, and staff by promoting a culture that embraces inclusion, diversity, equity, and accountability. Diverse perspectives, talents, and identities are vital to accomplishing our [mission](#) and living our [core values](#).

Successful candidate should have a clear plan to establish a vibrant research program, secure external research funding, and participate actively in advising, educating and teaching of undergraduate and graduate students. Further, research will be expected to have global recognition and impact. We anticipate that this addition of a tenure-track faculty will improve research and external funding. This person will also be expected to engage in internal (departmental and university) and external (professional) service and work with local industry to support the blue economy. Salary and research budget are competitive.

Our goal is to produce graduates with a strong background in engineering fundamentals, mathematics, and analytical methods, which is reinforced by practical machine-shop, welding, and laboratory experiences (including several on the training ship). The curriculum builds on a foundation of basic engineering topics such as fluid mechanics, thermodynamics, electricity, drafting, and materials science to develop inter-disciplinary skills required for the practice of marine engineering. In particular, the program's educational objectives are to produce graduates who:

1. Can practice engineering pertaining to marine and facilities power systems and associated auxiliary systems (e.g. propulsion, electrical power generation and distribution, refrigeration, and air conditioning) in support of the maritime sector (The Navy, Coast Guard, and companies operating sea-going vessels), the offshore oil and gas industry, and companies involved in facilities management or shore-based power systems; in particular, to plan, design, construct,

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operate, and maintain engineering systems intended to provide marine propulsion and electrical power.

2. Are well-prepared to engage in lifelong education, professional development, and continuous quality improvement.

For more information about the "Marine Engineering Technology" program at Texas A&M University at Galveston see the online website at <http://www.tamug.edu/marr/>.

Texas A&M University at Galveston is an ocean-oriented branch campus of Texas A&M University which educates nearly 2,300 undergraduate and graduate students in a unique blend of marine and maritime programs, including majors in science, business, engineering, liberal arts, and transportation. It is driving the development of the blue economy in the Gulf Coast Region and is a critical contributor to Texas A&M's sea-grant portion of Texas A&M's rare land-, sea-, space-grant mission with nearly \$10 million in research expenditures.

Texas A&M-Galveston is also home to the Texas A&M Maritime Academy, one of seven in the U.S. and the only academy integrated into a Tier 1 academic institution, which trains over 400 cadets annually for maritime service and employment around the world. Texas A&M-Galveston is ideally located in Galveston, Texas on the Gulf Coast where it is surrounded by the industry, environment and programs essential to fulfilling its special-purpose mission. Aggies are known for their deep commitment to the success of each other and their strong desire to serve.

### Qualifications:

**Required Qualifications:** The candidate must hold an earned Ph.D. in Mechanical/ Ocean/ Marine Engineering or closely related fields.

**Preferred Qualifications:** The candidate's expertise should be in one or more of these thematic areas of research: naval architecture, ship design and optimization, holistic design, clean energy, marine propulsion, efficient engines, green and sustainable shipping, naval mechatronics, decarbonization and marine alternative fuels. Preference will be given to individuals who have some experience in marine industry and have merchant marine credentials.

### Application Instructions:

Applications are only accepted online at <http://apply.interfolio.com/115076>. The application must contain electronic copies of a) cover letter; b) curriculum vitae; c) teaching statement d) research



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statement; e) list of 3 references and f) diversity statement detailing professional skills, experience, and/or willingness to support campus inclusion, diversity, and equity efforts. We are especially interested in qualified candidates who can contribute, through their research, teaching, and service, to the diversity and excellence of Texas A&M University at Galveston's academic community.

For more information on the position, contact the Head of the Department, Dr. Alok Verma, by phone at 409-740-4805 or email [averma@tamug.edu](mailto:averma@tamug.edu). Review of applications will begin February 15, 2023, and the position will remain open until filled.

### EEO/AA Policy

Texas A&M University at Galveston is an Affirmative Action Equal Opportunity Employer Committed to Excellence through Diversity.

### Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

**Contact** Dr. Alok Verma  
Marine Engineering Technology  
Texas A&M University, Galveston  
Galveston, TX

**Phone Number** 409-740-4805  
**Contact E-mail** [averma@tamug.edu](mailto:averma@tamug.edu)