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

Job Title	Tenure-Track: Assistant Professor of Electrical Engineering
Department	Marine Engineering Technology http://www.tamug.edu/marr/
Institution	Texas A&M University, Galveston Galveston, Texas
Date Posted	Nov. 23, 2022
Application Deadline	Open until filled
Position Start Date	Sep. 1, 2023
Job Categories	Research Professor Assistant Professor
Academic Field(s)	Ocean Engineering Naval Architecture & Marine Engineering Mechanical Engineering Electrical and/or Electronics
Apply Online Here	http://apply.interfolio.com/114852
Apply By Email	
Job Description	

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

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the following areas: ship automation, intelligent ship systems, cyber security of shipboard systems, risk analysis of marine systems, clean marine power systems, marine power electronics, marine High Voltage systems, integrated electrical power plants, dynamic positioning systems, RF/MW telecom and radar and VDR systems. The candidate will be expected to develop and teach courses in automation & control, sensor data processing, intelligent ship systems, marine power electronics, high voltage, and cybersecurity.

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**.**

The successful candidate should have a clear plan to establish a vibrant research program, secure external research funding, and actively advise, educate, and teach undergraduate students 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.

The goal of the Marine Engineering Technology program is to produce graduates that become successful in the marine engineering industries related to design, operations, management, and who have technical competence in engineering systems and the practical applications of those systems. The program provides two scholastic avenues for students, a License Option, and a Non-License Option. The License Option is intended for cadets of the Texas A&M Maritime Academy who take the U.S. Coast Guard license examination and earn their Merchant Mariner Credential, enabling them to serve as an engineering officer aboard seagoing vessels. 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.

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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 is it 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 Electrical Engineering or a closely related field. Required to have strong proficiency in analytical tools to conduct industry-relevant research to improve the marine electrical shipboard systems.

Preferred Qualifications: The candidate's expertise should be in one or more of these areas: ship automation, intelligent ship systems, cyber security of shipboard systems, risk analysis of marine systems, clean marine power systems, marine power electronics, marine High Voltage systems, integrated electrical power plants, dynamic positioning systems, RF/MW telecom and radar and VDR systems. Further, future research will be expected to have global recognition and impact. Preference will be given to individuals who have some experience in the marine industry or have worked on projects related to the marine industry.

Application Instructions:

Applications are only accepted online at http://apply.interfolio.com/114852. The application must contain electronic copies of a) cover letter; b) curriculum vitae; c) Teaching Statement; d) Research Statements; e) List of 3 references and f) Diversity Statement. 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@tamu.edu. Review of applications will begin February 15, 2023, and the position will remain open until filled.

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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