Assistant Professor of Offshore Wind & Marine Renewable Energy (Tenure Track)
Old Dominion University

Job Title	Assistant Professor of Offshore Wind & Marine Renewable Energy (Tenure Track)
Department	COLLEGE OF ENGINEERING & TECH
Institution	Old Dominion University Norfolk, Virginia
Date Posted	Nov. 22, 2023
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Assistant Professor
Academic Field(s)	Environmental Sciences/Ecology/Forestry
Job Website	https://jobs.odu.edu/postings/19846
Apply By Email	

Job Description

The Frank Batten College of Engineering and Technology(BCET) at Old Dominion University (ODU) invites applications for one tenure-track faculty position at the Assistant Professor rank, beginning Fall 2024. We seek candidates with research experience and expertise in offshore wind and/or marine renewable energy systems. Successful candidates are expected to develop a strong research program in one or more areas in offshore wind and marine renewable energy systems, including planning, permitting, design, manufacturing, installation, power grid access and distribution, maintenance, offshore port facilities, environmental impact assessment, and maritime implications of wind and marine energy production.

The areas of interest include but are not limited to:

- power systems generation, transmission, and distribution;
- alternative and renewable power systems; microgrid, battery and energy storage systems;

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- power electronics;
- innovative concept creations on energy transmission and conversion, aerodynamic of wind turbine, system/subsystem vibrations and controls;
- fluid-structure interactions, structural, geotechnical, and ocean engineering for wind turbines and marine energy systems; and
- environmental impact assessments, operation, maintenance, and management of wind farms and marine energy systems, maritime implications.

The successful candidate is expected to teach undergraduate and graduate courses in their field (2/2 teach load), perform research and service, and collaborate with faculty in the BCET and across campus. This position is open to candidates from all engineering disciplines in any of the academic departments in the BCET. The appointment will be in one of the five BCET departments depending on the selected candidate's background and expertise.

Contact Information

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

Contact

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