

Open Rank Faculty Positions North Carolina State University

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Posted Oct. 30, 2024, set to expire Apr. 30, 2025

Job Title Open Rank Faculty Positions
Department Mechanical and Aerospace Engineering
<https://mae.ncsu.edu/>
Institution North Carolina State University
Raleigh, North Carolina

Date Posted Oct. 30, 2024

Application Deadline Open until filled
Position Start Date Available immediately

Job Categories Assistant Professor
Associate Professor
Professor

Academic Field(s) Mechanical Engineering
Aerospace/Aeronautical/Astronautics

Job Website https://jobs.ncsu.edu/postings/search?utf8=%E2%9C%93&query=&query_v0_posted_at_date=

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Job Description

The Department of Mechanical & Aerospace Engineering at North Carolina State University is inviting applications for multiple tenure and professional track faculty positions.

1). For tenure-track faculty positions at the Assistant Professor level. We will also consider appointments at the Associate or Full Professor levels, with tenure, for exceptional candidates. We seek individuals who can address critical research challenges and collaborate with both existing and emerging research initiatives within the department, college, and university.

The department is interested in exceptional candidates with expertise in applications of **artificial intelligence (AI) and machine learning (ML)** in mechanical and aerospace engineering. Examples may include but are not limited to: AI/ML-based digital twinning, assimilation of computational and experimental data, physics-informed AI/ML, novel experimental techniques that leverage AI/ML for improved accuracy, digital engineering workflow optimization, advanced computational physics simulation approaches that may leverage AI/ML for sub-model construction, AI/ML enabled computational design, and AI-enabled autonomous manufacturing.

<https://jobs.ncsu.edu/postings/210105>

2). For tenure-track faculty positions at the Assistant Professor level. We will also consider appointments at the Associate or Full Professor levels, with tenure, for exceptional candidates. We seek individuals who can address critical research challenges and collaborate with both existing and emerging research initiatives within the department, college, and university.

We welcome applicants with expertise in any discipline related to Mechanical and Aerospace Engineering, particularly those with research experience in **Renewable Energy and Energy Storage**.

<https://jobs.ncsu.edu/postings/210106>

3). For **open-rank professional-track teaching** faculty positions (Assistant, Associate, or Full Professor). While the position offers opportunities for promotion, it does not include tenure. We invite applications in all areas related to Mechanical and Aerospace Engineering.

<https://jobs.ncsu.edu/postings/210054>

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NC State University is an equal opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, national origin, religion, sex, gender identity, age, sexual orientation, genetic information, status as an individual with a disability, or status as a protected veteran. If you have general questions about the application process, you may contact Human Resources at (919) 515-2135 or workatncstate@ncsu.edu. Individuals with disabilities requiring disability-related accommodations in the application and interview process, please call 919-515-3148. Final candidates are subject to criminal & sex offender background checks. Some vacancies also require credit or motor vehicle checks. If highest degree is from an institution outside of the U.S., final candidates are required to have their degree equivalency verified at www.wes.org or equivalent service. Degree(s) must be obtained prior to start date in order to meet qualifications and receive credit. NC State University participates in E-Verify. Federal law requires all employers to verify the identity and employment eligibility of all persons hired to work in the United States.

Contact Information

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

Contact