

Assistant/Associate/Full Professor
Auburn University

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Posted Jan. 20, 2025, set to expire Oct. 31, 2025

Job Title	Assistant/Associate/Full Professor
Department	Mechanical Engineering
Institution	Auburn University Auburn, Alabama
Date Posted	Jan. 20, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Associate Professor Professor Assistant Professor
Academic Field(s)	Mechanical Engineering
Job Website	https://www.auemployment.com/postings/50853

Apply By Email

Job Description

The Department of Mechanical Engineering at Auburn University invites applications for a full-time tenure-track faculty position to begin in August 2025. Candidates with expertise in the Thermal Sciences, including, but not limited to, electronic thermal management, renewable energy systems, energy and thermal storage solutions, high-performance buildings, propulsion, advanced thermal materials, new metrologies, and artificial intelligence (AI)/machine learning methodologies in thermal sciences. Research or industry experience in the aforementioned areas is preferred. Applicants must have a Ph.D. in Mechanical Engineering or a closely related field at the time employment begins. Candidates will be considered at the Assistant, Associate, and Full Professor levels. Applicants at the Associate and Full Professor levels must have active nationally or internationally recognized research programs.

The ME Department currently has 51 faculty members and supports strong graduate and

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undergraduate programs in Mechanical Engineering and Materials Engineering. Enrollments during the Fall Semester 2024 include 800 undergraduate students in major and 200 graduate students. Current departmental areas of research strength include additive manufacturing, unmanned and robotic systems, biomechanics, electronic packaging and reliability, solid mechanics and advanced materials, electronics cooling and thermal management, tribology, advanced powertrains, MEMS, and energy systems. The Auburn University College of Engineering has several unique opportunities to enable faculty success including (1) strong connection with the defense industry, (2) local automotive and aerospace companies including production additive manufacturing, (3) a class 10 clean room for electronics manufacturing and packaging, (4) a national center for additive manufacturing of metals, (5) an autonomous vehicle research building and automotive test track, (6) a MRI center, and (7) collaborations with faculty in veterinary medicine and a new medical school. Additional information can be found at <http://www.eng.auburn.edu/mech/>.

Auburn University was chartered in 1856 and was designated a land grant institution in 1872. The Fall 2024 university enrollment is over 33,000 students. Auburn is located 100 miles southwest of Atlanta, has an excellent public school system, and has been nationally ranked as one the “best small towns in America.” The individuals selected for these positions will be expected to contribute to the growth of the department by developing a strong externally-funded research program, collaborating on interdisciplinary research projects, publishing research results in appropriate scholarly outlets, directing graduate students, teaching undergraduate and graduate courses, and being involved in service to the department and profession. Excellent communication skills and a high level of personal motivation are required. The candidates selected for these positions must be able to meet eligibility requirements to work in the United States at the time the appointment is scheduled to begin and continue working legally for the proposed term of employment. Applicants should submit a cover letter, current CV, statements of research vision and teaching philosophy, and a list of three references at: <https://www.auemployment.com/postings/50726> Review of applications will begin on Feb 15, 2025, and continue until successful candidates have been identified.

AU is an EEO/Vet/Disability employer.

Contact Information

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

Contact



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