Assistant/Associate Professor of Mechanical Engineering
Purdue University

Job Title	Assistant/Associate Professor of Mechanical Engineering
Department	School of Mechanical Engineering
	https://engineering.purdue.edu/ME
Institution	Purdue University
	West Lafayette, Indiana
Date Posted	Sep. 23, 2024
Application Deadline	Dec. 15, 2024
Position Start Date	August 2025
Job Categories	Assistant Professor
	Associate Professor
Academic Field(s)	Mechanical Engineering
	Computer Science
Apply Online Here	https://careers.purdue.edu/job/AssistantAssociate-Professor-of-Mechanical-Engineering/33558-en_US/
Apply By Email	
Job Description	

FACULTY POSITION IN THE SCHOOL OF MECHANICAL ENGINEERING

Purdue University has launched a new major initiative, Purdue Computes, consisting of three dimensions (Computing, Physical Artificial Intelligence, and Semiconductors) that will connect faculty and students from across the institution and enable the university to advance to the forefront with unparalleled excellence at scale. As part of this initiative, the School of Mechanical Engineering at Purdue University invites applications for one or more tenure-track assistant professor or associate

professor positions. Purdue's School of Mechanical Engineering seeks to attract exceptional candidates with strong interests and proven expertise at the intersection of Purdue Computes and the School of Mechanical Engineering, including but not restricted to (a) scientific computing/high-performance computing with applications to Mechanical Engineering topics (i.e., fluids, combustion, energetics, heat transfer, solids, etc.), and (b) Scientific Machine Learning (SciML), physical applications of artificial intelligence (AI), data science, and digital twins applied to a range of physical systems of broad interest in Mechanical Engineering.

Successful candidates must hold a Ph.D. degree in Mechanical Engineering, Applied Mathematics, Computer Science, or a closely related discipline by the employment start date and demonstrate potential to build an independent research program, as well as potential to educate and mentor students. The successful candidate will conduct original research, advise graduate students, teach undergraduate and graduate level courses, and perform service at the School, College, and University levels.

The School of Mechanical Engineering at Purdue University is ranked 6th nationally for undergraduate programs, 8th for graduate programs, and 1st for online graduate programs by U.S. News and World Report. The School of ME is one of the largest at Purdue University, and in the nation, with approximately 3000 undergraduate students, 1000 graduate students, 99 faculty, and 70 staff. The School of ME is home to several high-profile research laboratories with significant infrastructure and a long tradition of collaboration with industry, national laboratories, and other universities, including Ray W. Herrick Labs, Maurice Zucrow Labs, and Maha Labs. Mechanical Engineering faculty members also carry out a significant portion of research at the FLEX Lab, Birck Nanotechnology Center, and the newly established Manufacturing and Materials Research Laboratories.

The School of ME is an integral part of Purdue's College of Engineering. Purdue Engineering is one of the largest and top-ranked engineering colleges in the nation and renowned for top-notch faculty, students, unique research facilities, and a culture of collegiality and persistent pursuit of pre-eminence. According to the latest US News and World Report's disciplinary graduate program rankings, Purdue Engineering has 3 disciplines ranked in the top 5 in the country and 10 in the top 10. Purdue Engineering as a whole is ranked 3rd for online graduate engineering programs, 6th for graduate programs. For three years running, Purdue is ranked by the USPTO as No.2 University campus in the US in terms of annual number of US patents issued, and nearly 70% of those patents come from Purdue Engineering. The College Vision for 2030 is guiding strategic growth in new directions, by investing in people, exciting initiatives, and facilities.

To apply, please submit applications to this site https://careers.purdue.edu/job/AssistantAssociate-Professor-of-Mechanical-Engineering/33558-en_US/ including (1) a cover letter, (2) a complete

curriculum vitae, (3) a 2-page teaching plan, (4) a 3-page research plan, and (5) names and contact information for at least 5 references. The search committee may contact references to request letters. For information/questions regarding applications, contact the Office of Academic Affairs, College of Engineering, at coeacademicaffairs@purdue.edu. Review of applications will begin on October 13, 2024. Applications received by December 15, 2024, will be given full consideration. A background check is required for employment in this position.

Purdue and the College of Engineering have a Concierge Program that provides dual career assistance and relocation services.

EEO/AA Policy

Purdue University is an EOE/AA employer. All individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply.

Contact Information

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

Contact   Office of Academic Affairs
                   College of Engineering
                   Purdue University
                   West Lafayette, IN

Contact E-mail   coeacademicaffairs@purdue.edu