

Assistant Professor - Mechanical Engineering
San Jose State University

Direct Link: <https://www.AcademicKeys.com/r?job=249994>

Downloaded On: Apr. 3, 2025 7:00am

Posted Dec. 5, 2024, set to expire Apr. 6, 2025

Job Title	Assistant Professor - Mechanical Engineering
Department	Department of Mechanical Engineering
Institution	San Jose State University San Jose, California
Date Posted	Dec. 5, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Assistant Professor
Academic Field(s)	Mechanical Engineering
Apply Online Here	https://jobs.sjsu.edu/en-us/job/544439/assistant-professor-mechanical-engineering
Apply By Email	
Job Description	

Assistant Professor - Mechanical Engineering

Job no: 544439

Location: San Jose, California, USA

Compensation: Commensurate with qualifications, experience, and rank as established by the [CSU Salary Schedule](#). Anticipated hiring academic year annual salary range: \$ 102k - \$ 126k. Faculty employee benefits are very competitive for the higher education sector. See the [CSU Employee Benefits Summary](#) for details about the CSU's excellent benefits package.

Target Start Date: August 18, 2025

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Application Deadline: For full consideration, application must be submitted by January 17, 2025

The Department of Mechanical Engineering at San José State University is pleased to announce a search for a Tenure Track position at assistant professor rank. Applicants must have a strong academic background in mechanical engineering as evidenced by a Ph.D. or equivalent degree in mechanical engineering or a closely related field. Applicants with research experience that can benefit the activities of the Wildfire Interdisciplinary Research Center (WIRC, <https://www.sjsu.edu/wildfire/>) are especially welcome to apply. Candidates must demonstrate potential for excellence in classroom and laboratory teaching, using a variety of pedagogical techniques and technological tools to reach a diverse audience. They should also demonstrate potential for excellence in scholarly research, establishing an independent research program as evidenced by peer-reviewed publications and grant submissions to generate new ideas. The position requires excellent communication, teamwork and interpersonal skills. Applicants should demonstrate an awareness of and sensitivity to the educational goals of a multicultural population, as may have been gained through cross-cultural study, training, teaching or other comparable experience.

A key aspect of this position is that the faculty member will actively collaborate with other faculty associated with the SJSU Wildfire Interdisciplinary Research Center to seek funding and conduct research related to wildfire science and management. This center is dedicated to developing strategies/technologies and science-based policies to manage wildfires and to better understand how wildfires will impact people and resources in the future. Specific areas of research interest include, but are not limited to, numerical modeling/CFD reactive flow; mitigation of indoor air quality; improved resilience to natural disasters through cyber-physical systems (CPS); AI/ML for predictive/modeling/risk management; and combustion/fire science.

For a complete job description and to apply: <https://jobs.sjsu.edu/en-us/job/544439/assistant-professor-mechanical-engineering>

Equal Employment Statement:

SJSU is an Equal Opportunity Affirmative Action employer. We consider qualified applicants for employment without regard to race, color, religion, national origin, age, gender, gender identity/expression, sexual orientation, genetic information, medical condition, marital status, veteran status, or disability.

It is the policy of SJSU to provide reasonable accommodations for applicants with disabilities who self-disclose.

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Contact Information

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

Contact

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