

Industrial and Manufacturing Engineering Tenure-Track
Faculty Position
California State Polytechnic University, Pomona

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Posted Nov. 10, 2023, set to expire May 10, 2024

Job Title	Industrial and Manufacturing Engineering Tenure-Track Faculty Position
Department	Industrial and Manufacturing Engineering Department https://www.cpp.edu/engineering/ime/index.shtml
Institution	California State Polytechnic University, Pomona Pomona, California
Date Posted	Nov. 10, 2023
Application Deadline	Dec. 7, 2023
Position Start Date	Aug. 15, 2024
Job Categories	Assistant Professor
Academic Field(s)	Manufacturing & Quality Engineering Industrial & Systems Engineering Mechanical Engineering
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Job Description

The Industrial and Manufacturing Engineering Department invites applications at the Assistant Professor level for two tenure-track faculty positions beginning August 2024/Fall semester to teach a broad range of courses in manufacturing engineering and industrial engineering with primary responsibilities in one or more of the following areas:

1. **Advanced manufacturing systems and technologies:** The candidate will be responsible for

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teaching a variety of classes in manufacturing engineering areas, the candidate's research will focus on advanced manufacturing engineering systems and technologies.

2. Artificial Intelligence and machine learning with application in manufacturing engineering:

The candidate will be responsible for teaching a variety of classes in both industrial engineering and manufacturing engineering areas; the candidate research will focus on AI and machine learning with applications in various areas including manufacturing engineering.

The successful applicant will participate in all aspects of the department's mission, including teaching, and advising students at the undergraduate and graduate levels, developing curriculum and laboratories, establishing a well-funded research program, and participating in service to the department, college, university, and the profession.

Minimum requirements include:

- D. in Manufacturing Engineering, Industrial Engineering, Materials Engineering, Mechanical engineering, or a closely aligned field. Degree must be conferred by the start date of the position.
- Demonstrated commitment to inclusivity and equity. Evidence should be provided in a Student Success Statement that responds to the prompt above - "Inclusive Excellence and Student Success"

Preferred/Desired Qualifications:

1. Academic experience and strength in advanced and traditional manufacturing systems and technologies including, but not limited to, Additive Manufacturing, Semiconductor Manufacturing, MEMS/NEMS, Bio-Manufacturing, Intelligent Manufacturing, Smart/Digital Manufacturing (Digital Twins, AI and Machine Learning with application in manufacturing systems, cloud and reconfigurable manufacturing, human-system interaction using virtual reality, etc.), Sustainable Manufacturing, Plastics, Composite, Machining and Casting
2. Industrial experience in the manufacturing-related processes that will enhance teaching and research
3. Demonstrated ability in university teaching, mentoring and supervising students, and/or improving industrial and manufacturing engineering curricula
4. Demonstrated ability for authoring peer-reviewed publications and/or securing external funds
5. Strong communication skill

For more information and to apply, please visit:

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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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