

Assistant/Associate/Full Professors in Mechanical  
Engineering  
New Jersey Institute of Technology

Direct Link: <https://www.AcademicKeys.com/r?job=152745>

Downloaded On: Feb. 27, 2021 4:09pm

Posted Jan. 13, 2021, set to expire Jul. 15, 2021

**Job Title** Assistant/Associate/Full Professors in Mechanical Engineering

**Department** Department of Mechanical and Industrial Engineering

**Institution** New Jersey Institute of Technology  
Newark, New Jersey

**Date Posted** Jan. 13, 2021

**Application** Open until filled

**Deadline**

**Position Start** Available immediately

**Date**

**Job Categories** Assistant Professor  
Associate Professor  
Professor

**Academic** Mechanical Engineering  
**Field(s)**

**Apply Online** <https://njit.csod.com/ats/careersite/jobdetails.aspx?site=1&c=njit&id=2577>  
**Here**

**Apply By Email**

### Job Description

The Department of Mechanical and Industrial Engineering (MIE) of the Newark College of Engineering at New Jersey Institute of Technology (NJIT) invites applications for tenure-track Assistant/Associate/Full Professors in Mechanical Engineering and related areas. By the time of appointment, successful candidates must have earned a Ph.D. (or equivalent) degree, with a record of pertinent high-quality research. The specific areas of interest are:

Artificial Intelligence / Robotics / Automation / Design: Application of AI through big data and Machine Learning to Mechanical Engineering Design and Manufacturing. Development of novel robotics;

Assistant/Associate/Full Professors in Mechanical  
Engineering  
New Jersey Institute of Technology

Direct Link: <https://www.AcademicKeys.com/r?job=152745>

Downloaded On: Feb. 27, 2021 4:09pm

Posted Jan. 13, 2021, set to expire Jul. 15, 2021

application areas including Automation and Control, Novel Mechanisms and Actuators, Healthcare, Rehabilitation and Assistive Robotics.

Energy Systems/ Materials / Batteries: Experimental, theoretical or computational approaches applied to materials, energy conversion systems, and energy storage systems. Research on materials used in renewable energy systems, next-gen batteries, and solid-state batteries.

Thermo-Fluids/Biological Fluid Mechanics: Thermo-fluid analysis of biological systems or bio-inspired systems. Complex fluids and thermo-fluids with applications to energy systems, and multiphase systems with phase change. Combustion and reactive fluid flow and heat transfer, microfluidics systems and devices.

The successful candidate is expected to carry out high quality scholarly research and collaborate with other faculty. He or she should have a clear plan to establish a vibrant research program, secure external research funding, and participate actively in guiding, educating and teaching graduate and undergraduate students. Applications should be submitted online and include a complete curriculum vitae, statement of research interests, statement of teaching interests, and the names of three references. Review of applications will begin immediately and continue until the position is filled. The expected start date is September 1, 2021.

NJIT is one of the 100 "Best Graduate Engineering Schools" (per U.S. News & World Report). It offers a vibrant engineering community environment and exciting opportunities for research and education. Interdisciplinary centers and institutes across the campus (<http://centers.njit.edu/>) provide access to comprehensive, state-of-the-art core facilities and facilitate collaborative research activities. Universities, research institutes and industrial facilities at the vicinity of NJIT further increase collaboration opportunities and access to experimental equipment.

Applications must be submitted to <http://njit.jobs> using Job Posting Number <https://njit.csod.com/ats/careersite/jobdetails.aspx?site=1&c=njit&id=2577>

Questions may be directed to the Department Chair, I.Joga Rao, [raoi@njit.edu](mailto:raoi@njit.edu)

Diversity is a core value of NJIT and we are committed to make diversity, equity and inclusion, part of everything we do. We celebrate the diversity of our university community and recognize the cultural and personal differences. We strive to cultivate an inclusive campus culture that promotes excellence among our faculty, staff and students. Building a robust and diverse community is critical to NJIT's continuing status as a premier institution of higher education and a leading polytechnic university.



Assistant/Associate/Full Professors in Mechanical  
Engineering  
New Jersey Institute of Technology

Direct Link: <https://www.AcademicKeys.com/r?job=152745>

Downloaded On: Feb. 27, 2021 4:09pm

Posted Jan. 13, 2021, set to expire Jul. 15, 2021

To build a diverse workforce, NJIT encourages applications from individuals with disabilities, minorities, veterans and women. EEO employer.

**Contact Information**

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

**Contact**