

Tenure Track Faculty
Rochester Institute of Technology

Direct Link: <https://www.AcademicKeys.com/r?job=264417>

Downloaded On: Dec. 16, 2025 6:42pm

Posted Oct. 24, 2025, set to expire Feb. 20, 2026

Job Title Tenure Track Faculty
Department Mechanical Engineering
Institution Rochester Institute of Technology
Rochester, New York

Date Posted Oct. 24, 2025

Application Deadline Open until filled
Position Start Date Available immediately

Job Categories Assistant Professor

Academic Field(s) Mechanical Engineering

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Job Description

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Tenure Track Faculty

9899BR

Kate Gleason College of Engineering
KGCOE Mechanical Engineering

Faculty Type (Tenure Status): Tenure-Track

Faculty Discipline: Material Science

Faculty Rank: Assistant Professor

Employment Category: Fulltime

Anticipated Start Date: 17-Aug-2026

Detailed Job Description

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RIT's Department of Mechanical Engineering invites applications for a tenure-track Assistant Professor position in the broad areas of solid mechanics and materials science. We seek highly motivated individuals who are committed to excellence in both research and teaching and are eager to contribute to a vibrant academic community. Candidates with research interests across all application domains relevant to mechanical engineering areas of solid mechanics and materials science are encouraged to apply.

Preference will be given to candidates whose work aligns with one or more of the following areas: advanced manufacturing, energy and environment, and micro-nano-scale systems, devices, and materials. Successful candidates are expected to build and sustain a strong externally funded research program, advise Ph.D. and master's students, develop and teach undergraduate and graduate classes, advise undergraduate researchers and design teams, and work collaboratively to advance the department's goals.

We are seeking individuals who are able and interested in contributing to a community committed to student-centeredness; professional development and scholarship; integrity and ethics; respect, innovation and flexibility; and teamwork and collaboration.

Department/College Description

With over 1000 undergraduate and graduate students, the Mechanical Engineering Department is the largest of the six academic departments in the Kate Gleason College of Engineering. The department includes 23 tenured and tenure-track faculty, 15 lecturers, and 11 staff members. The department offers a five-year BS in Mechanical Engineering with options in automotive engineering, aerospace engineering, energy and the environment, and bioengineering and an accelerated BS-ME/MS program. Graduate programs include an MS and ME in Mechanical Engineering and a PhD in Mechanical and Industrial Engineering. Faculty research is supported by a wide range of core facilities across campus including a fully staffed mechanical engineering machine shop providing machining, fabrication, design, and manufacturing services, the AMPrint Center for Additive Manufacturing and Multifunctional Printing, a NY State Center for Advanced Technology, a high-performance computing cluster through RIT Research Computing, the Battery Prototyping and Testing Center, and the Semiconductor Nanofabrication Laboratory with state-of-the-art cleanroom facilities.

The [Kate Gleason College of Engineering | RIT](#) offers bachelor's and master's in biomedical engineering, chemical engineering, computer engineering, electrical engineering, industrial engineering, mechanical engineering, and microelectronics engineering as well as four Ph.D. degrees in biomedical and chemical engineering, electrical and computer engineering, mechanical and

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industrial Engineering, and microsystems engineering and additional master's programs in engineering management and leadership. Serving over 2600 undergraduates and 400 graduate students, the college is committed to growing its research profile while maintaining a strong commitment to undergraduate education. Major research themes include advanced manufacturing; biomedical and healthcare engineering; artificial intelligence and machine learning; cyber-physical systems; micro- and nanoscale systems devices and materials; energy and environment; and data analysis modeling and simulation. Hallmarks of the undergraduate experience include one full year of cooperative education, an innovative multidisciplinary senior design program, and an impressive variety of well-supported student teams and clubs.

Required Minimum Qualifications

- Doctorate in Mechanical Engineering or closely related field
- Ability and commitment to effectively teach and mentor undergraduate and graduate students
- Record of disseminating scholarly research in refereed (peer-reviewed) publications
- Demonstrated ability or potential to establish an independent externally sponsored research program
- Excellent communication skills
- Ability to contribute meaningfully to the university's continuing commitment to individual differences.
- Interest in working in a collaborative, collegial environment

Required Minimum Education Level

PhD

Required Application Documents

Cover Letter, Curriculum Vitae or Resume, List of References, Research Statement, Statement of Teaching Philosophy

How To Apply

Apply online at <http://careers.rit.edu/faculty>; search openings, then Keyword Search 9899BR. Please submit your application, curriculum vitae, cover letter addressing the listed qualifications and upload the following attachments:

- A brief teaching philosophy (2-page limit)

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- The names, addresses and phone numbers for three references
- Research statement (3-page limit - include a dedicated paragraph discussing how your research will build synergy with existing efforts within the mechanical engineering department as well as the broader RIT campus.)

Questions for the search committee should be directed to Dr. Qian Xue (qxxeme@rit.edu). For full consideration, please submit your application by November 21, 2025. Please note that there is another tenure-track Assistant Professor position in the department in the area of systems and controls. Applicants are required to apply to only one of these positions and must choose the one that best aligns with their expertise.

The direct link to this posting can be found here: <https://sjobs.brassring.com/>

Additional Details

RIT does not discriminate. RIT is an equal opportunity employer that promotes and values diversity, pluralism, and inclusion. For more information or inquiries, please visit RIT/TitleIX or the U.S. Department of Education at ED.Gov.

Hourly/Salary Minimum: 93000

Hourly/Salary Maximum: 103000

Contact Information

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

Contact

Mechanical Engineering
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