Tenure Track Faculty

The Rochester Institute of Technology's Department of Industrial and Systems Engineering invites applications and nominations for a tenure-track faculty position at the rank of assistant, associate, or full professor depending upon experience and qualifications. Applicants with experience in additive/advanced manufacturing, artificial intelligence, or sustainable and resilient systems are particularly encouraged to apply. Applicants must have a Ph.D. degree in Industrial Engineering, Mechanical Engineering, Manufacturing Engineering or a closely related field. Candidates must have a record of dissemination of scholarly research; potential to establish a successful externally sponsored research program; demonstrated potential for high quality teaching; excellent written and oral communication skills; and the ability to contribute in meaningful ways to the university's continuing commitment to cultural diversity, pluralism and individual differences. Faculty responsibilities include conducting sponsored research, teaching at the undergraduate and/or graduate levels, student advising (including Ph.D. students), and providing service to the university community.

We are seeking an individual who has the ability and interest in contributing to a community committed to student centeredness; professional development and scholarship; integrity and ethics; respect, diversity and pluralism; innovation and flexibility; and teamwork and collaboration. Select to view links to RIT's core values, honor code, and diversity commitment.

Department/College Description

The mission of the Industrial and Systems Engineering (ISE) Department (https://www.rit.edu/kgcoe/ise/) is to provide ISE education that integrates experiential learning and applied research, with a student-centered approach, resulting in graduates who make immediate and long-lasting contributions in manufacturing, service, government, and academia. The ISE Department houses state-of-the-art laboratories that support courses and research activities and provide hands-on educational experiences. The AMPrint Center has world-class facilities with over $5M of state-of-the-art additive manufacturing equipment supported by several full-time research scientists. The Brinkman Advanced Machine Tools Laboratory is a model for industry-academia partnerships that provides access to advanced manufacturing capabilities. The Toyota Production Systems Lab mimics an assembly production facility and supports activities pertaining to lean manufacturing. The Human Performance Lab supports courses and research that require the integration of humans into the design of systems. Additional labs include the Healthcare Systems Engineering Lab, Analytics/Statistics Lab, and the Interdisciplinary Manufacturing Engineering and Design (iMED) lab. The department offers BS and MS degrees in Industrial and Systems Engineering, and ME in Engineering Management, as well as a joint PhD in Mechanical and Industrial Engineering.

The Kate Gleason College of Engineering (https://www.rit.edu/kgcoe/) has established its reputation as a preeminent provider of career-oriented engineering education with a rapidly growing commitment to research. It offers bachelor degree programs in biomedical, chemical, computer, electrical, industrial, mechanical and microelectronic engineering, and comprehensive, innovative PhD programs in a range of engineering disciplines including Mechanical and

Industrial Engineering, Biomedical and Chemical Engineering, Electrical and Computer Engineering, and Microsystems Engineering.

Required Minimum Qualifications
- PhD in Industrial Engineering, Mechanical Engineering, Manufacturing Engineering or a closely related engineering field;
- A record of dissemination of scholarly research, with a preference for research involving additive/advanced manufacturing, artificial intelligence technologies with application to Industrial Engineering, and/or sustainable and resilient systems;
- Potential to establish a successful externally sponsored research program;
- Demonstrated potential for high quality teaching of courses in the department of Industrial and Systems Engineering;
- Excellent written and oral communication skills;
- Ability to contribute in meaningful ways to the college's continuing commitment to cultural diversity, pluralism, and individual differences.

Required Minimum Education Level

PhD

Faculty Type (Tenure Status)

Tenure-Track

Faculty Rank

Assistant Professor, Associate Professor, Professor

Employment Category

Fulltime

Anticipated Start Date

16-Aug-2023

Required Application Documents
Cover Letter, Curriculum Vitae or Resume, List of References, Research Statement, Statement of Diversity Contribution, Statement of Teaching Philosophy.

How To Apply
Apply online at http://careers.rit.edu/faculty; search openings, then Keyword Search 7238BR. Please submit your application, curriculum vitae, cover letter (should state whether the candidate wishes to be considered for an appointment at the rank of assistant, associate, or full professor) and upload the following attachments:

- Statement of Teaching Philosophy
- Research Statement
- The vision statement should include the candidate's plans for research, teaching philosophy, and experience and interest in cultural diversity
- The names, addresses and phone numbers for three references
- [Contribution to Diversity Statement](#)

Questions for the search committee regarding this position may be directed to Denis Cormier at cormier@mail.rit.edu.

A review of applications will begin immediately. To ensure full consideration, applicants are encouraged to apply by November 18th. The position will remain open until filled.

Additional Details
The hiring process for this position may require a criminal background check and/or motor vehicle records check. Any verbal or written offer made is contingent on satisfactory results, as determined by Human Resources. RIT does not discriminate. RIT promotes and values diversity, pluralism and inclusion in the work place. RIT provides equal opportunity to all qualified individuals and does not discriminate on the basis of race, color, creed, age, marital status, sex, gender, religion, sexual orientation, gender identity, gender expression, national origin, veteran status or disability in its hiring, admissions, educational programs and activities. RIT provides reasonable accommodations to applicants with disabilities under the Rehabilitation Act, the Americans with Disabilities Act, the New York Human Rights Law, or similar applicable law. If you need reasonable accommodation for any part of the application and hiring process, please contact the Human Resources office at 585-475-2424 or email your request to hr@rit.edu. Determinations on requests for reasonable accommodation will be made on a case-by-case basis.

Commitment To Safety
COVID 19: Please familiarize yourself with the requirements of the [RIT Safety Plan.](#) Information on the responsibility for each employee can be found on the [RIT Ready](#) website. As per the [RIT Employee COVID-19 Vaccination Policy,](#) all university employees must be fully vaccinated for COVID-19. Vaccination exemptions may be granted: (1) to employees who are unable to be vaccinated due to a medical condition or disability; (2) on the basis of an employee's sincerely held religious belief, practice, or observance, or (3) to employees who are fully remote and sign an Employee Attestation stating that they will not be on campus for any reason, nor will they participate in any in-person university-sponsored activities.