View the complete job description online.

**Requisition Number:** 1910BR  
**Posting Rank:** Assistant Professor  
**Organization:** CAST Manufacturing & Mechanical Eng Tech  
**Posting Tenure Status:** Tenure-Track  
**College:** College of Applied Science and Technology  
**Position Title:** Instructional Faculty

**Anticipated Start Date:** 17-Aug-2016

**DETAILED JOB DESCRIPTION:**

The Manufacturing and Mechanical Engineering Technology (MMET) department in RIT’s College of Applied Science and Technology (CAST) is currently seeking applications from exceptional candidates for a full-time, tenure-track position, to support the Manufacturing and Electrical Mechanical Engineering Technology Programs. Candidates for this position will be expected to teach and also conduct externally funded research in areas related to systems engineering, manufacturing automation, additive manufacturing, mechatronics, robotics, systems integration, and/or discipline based education.

The position is at the level of tenure-track Assistant or Associate Professor. The position begins in the fall semester of 2016.

A Ph.D. is required in Manufacturing, Mechanical, Systems Engineering, or a related field or, technical education with appropriate engineering/technical MS degree. Any ABD completion must be prior to August 1, 2016. Approximately 2 years of relevant professional experience is required by the expected date of hire.

Responsibilities will include teaching, research and service. Teaching will include course and laboratory development, and delivery via classroom and online formats. Research will be expected in a well-defined area of focus that enhances and compliments the department’s strategic research foci ([https://www.rit.edu/cast/mmet/mmet-scholarship-foci](https://www.rit.edu/cast/mmet/mmet-scholarship-foci)) including securing external funding and peer-reviewed publications. Service will include contributions to the department, college and university; and maintaining a clear professional development agenda to support the department’s growth.

We are seeking individuals who have the ability and interest in contributing to a community committed to Student Centeredness; Professional Development and Research; Integrity and Ethics; Respect, Diversity and Pluralism; Innovation and Flexibility; and Teamwork and
Collaboration. We are seeking individuals who are committed to RIT’s core values, honor code, and diversity statement.

THE COLLEGE/DEPARTMENT:
The MMET department has 18 full-time faculty, 3 Lecturers, more than 15 adjunct faculty, approximately 650 students and the department continues to grow. MMET offers three Bachelor of Science and one Master of Science degree programs. Each program specializes in providing an experiential learning environment through integrated laboratory activities, innovative projects, and applied-research. To gain real world experience, in their field of study, each student completes a year of co-operative work experience in industry. Our programs are strongly career focused and hence the department enjoys an outstanding record of successfully preparing students for industry. (www.rit.edu/mmet)

The department is housed in the College of Applied Science and Technology (CAST), one of RIT’s nine colleges, which enrolls approximately 15% percent of the university’s students. CAST prides itself on its constant evolution, innovation, and global outreach via online learning, corporate education, and international programs. (www.rit.edu/cast)

THE UNIVERSITY AND ROCHESTER COMMUNITY:
RIT is a national leader in professional and career-oriented education. Talented, ambitious, and creative students of all cultures and backgrounds from all 50 states and more than 100 countries have chosen to attend RIT. Founded in 1829, Rochester Institute of Technology is a privately endowed, coeducational university with nine colleges emphasizing career education and experiential learning. With approximately 15,000 undergraduates and 2,900 graduate students, RIT is one of the largest private universities in the nation. RIT offers a rich array of degree programs in engineering, science, business, and the arts, and is home to the National Technical Institute for the Deaf. RIT has been honored by The Chronicle of Higher Education as one of the “Great Colleges to Work For” for four years. RIT is a National Science Foundation ADVANCE Institutional Transformation site. RIT is responsive to the needs of dual-career couples by our membership in the Upstate NY HERC.

Rochester, situated between Lake Ontario and the Finger Lakes region, is the 51st largest metro area in the United States and the third largest city New York State. The Greater Rochester region, which is home to nearly 1.1 million people, is rich in cultural and ethnic diversity, with a population comprised of approximately 18% African and Latin Americans and another 3% of international origin. It is also home to one of the largest deaf communities per capita in the U.S. Rochester ranks 4th for “Most Affordable City” by Forbes Magazine and MSN selected Rochester as the “#1 Most Livable Bargain Market” (for real-estate). Kiplinger named Rochester one of the top five “Best City for Families.”

REQUIRED MINIMUM QUALIFICATIONS:

- A Ph.D. in Manufacturing, Mechanical, Systems Engineering, or a related field or, technical education with appropriate engineering/technical MS degree.
- or ABD completion prior to August 1, 2016 in fields described above
• Approximately 2 years of relevant professional experience is required by the expected date of hire.
• Demonstrated knowledge and ability to teach in one or more of the following areas: systems engineering, manufacturing automation, additive manufacturing, instrumentation & controls, robotics, computer aided manufacturing (CAM), system modeling and control, system design, development and simulation.
• Demonstrated research in the areas listed above and/or discipline based education research as evidenced by peer-reviewed publications.

HOW TO APPLY:
Apply online at http://careers.rit.edu/faculty. Search openings, then Keyword Search: 1910BR

Please submit your application, cover letter, curriculum vitae, and upload the following attachments:

1. A separate one page attachment to reflect a statement for each of the following describing
   a. Your teaching philosophy and experience,
   b. The research agenda and funding sources you intend to pursue, and
   c. How you will contribute to RIT’s continuing commitment to cultural diversity, pluralism, and individual differences. For format of diversity statement click here.
2. Names, addresses and phone numbers for three references.

You may contact MMET Department Chair Dr. S. Manian Ramkumar for questions or inquiries about these positions at smrmet@rit.edu.

Applicants are encouraged to apply by October 12, 2015. Review of applications will begin October 15, 2015 and continue until a suitable candidate is found.

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 orientations, gender identity, gender expression, national origin, veteran status or disability in its hiring, admissions, educational programs and activities.