Requisition Number: 1926BR

Organization: CAST Department of Electrical, Computer and Telecommunications Engineering Tech

College: College of Applied Science & Technology

Posting Rank: Assistant Professor

Posting Tenure Status: Tenure-Track

Position Title: Instructional Faculty

Anticipated Start Date: 17-Aug-2016

DETAILED JOB DESCRIPTION:
RIT’s College of Applied Science and Technology (CAST) Electrical, Computer and Telecommunications Engineering Technology (ECTET) department is currently seeking applications from exceptional candidates for a full-time, tenure-track position in our Electrical Engineering Technology program.

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

A Ph.D. in engineering, science, or a related field, or, Ph.D. technical education (e.g. STEM, learning, or related) with appropriate engineering/technical MS degree. Any ABD completion must be prior to August 1, 2016. Approximately 3 years of relevant professional experience is required by the expected date of hire.

Responsibilities include lecture and laboratory development and delivery; development of a rigorous personal research program including external funding that relates to the department’s focused scholarship agenda; advising MS graduate-student projects and theses; continuous improvement of professional and technical capabilities, and service on department, college, and institute committees. We are seeking an individual with high research potential and industrial experience in the area of electrical engineering including extensive experience with theory and application of analog electronics. Successful candidates will demonstrate the ability to contribute to one or more department areas of distinction including audio, embedded systems, power & energy, and telecommunications. Scholarship productivity supporting department-defined areas of focus consistent with a scholarship-intensive profile for the university as a whole (https://www.rit.edu/cast/scholarship-foci-department) is expected.

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 links to view RIT’s core values, honor code, and diversity commitment.
THE COLLEGE/DEPARTMENT:
The ECTET department’s faculty engage students in a blend of project-based and research-oriented educational activities in one master-of-science degree and two bachelor-of-science degree programs. ECTET’s 300 full-time students benefit from the department’s flexible and innovative instructional delivery that features collaborative activities, world-class laboratories, cross-disciplinary opportunities, and 50 weeks of required cooperative education industrial experience. The ECTET department features state-of-the-art laboratory facilities in telecommunications, electronics, power & energy, embedded systems, and audio.

The College of Applied Science and Technology (CAST) is one of RIT’s eight colleges enrolling 15 percent of the university’s students. CAST is known throughout the RIT, national, and international communities as THE place of choice for an education that embraces the integration of “hands-on learning” and application with a firm grounding in science, technology, engineering, and mathematics (STEM) subjects. We have an outstanding faculty and staff, world-class facilities and equipment, innovative curricula, and an infrastructure and campus that support unparalleled academic experiences. Our academic experiences occur inside and outside the classroom, academically and socially, and personally and professionally. Read more at 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 PhD. in engineering, science, or a related field or, PhD. in technical education (e.g. STEM, learning, or related) with appropriate engineering/technical MS degree.
- Any ABD completion must be prior to August 1, 2016.
- Approximately 3 years of relevant professional experience is required by the expected date of hire.
- Current technical expertise in one, or more, of the following areas: amplifier design, signal processing, analog/mixed signal design, power & energy, clean energy technologies, or auditory perception.
- Demonstrated potential for high quality teaching
• Demonstrated research and scholarship activities as evidenced by peer-reviewed publications in an area that relates to the focused scholarship agenda of the department and/or discipline-based education research (DBER).

HOW TO APPLY:
Apply online at http://careers.rit.edu/faculty, search openings, then Keyword Search:1926BR.

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

1. A separate one page 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 can contact the search committee with questions on the position at: Steven M. Ciccarelli, Faculty Search Committee Chair, smceee@rit.edu

Review of applications will begin October 15 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.