Assistant/Associate Professor, Electrical Engineering - 160000016X

Description

The Department of Electrical Engineering (EE) at the University of Tennessee at Chattanooga (UTC) invites applications for two (2) full-time, tenure-track faculty positions in **power systems, energy, or related areas**, beginning August 1, 2017. It is anticipated that the positions will be filled at the Assistant and Associate Professor levels, but experienced faculty members with established records in research and dedication to teaching and recruitment may be considered for a higher level appointment.

The desired candidates are expected to teach topics at both undergraduate and graduate levels, as well as engage with power utilities to develop a research program, including publication and external funding, which complements and enhances ongoing research activities within the Department of Electrical Engineering, the College of Engineering and Computer Science, the University of Tennessee at Chattanooga, and the community. Experience with Real-Time- Simulation as it applies to the Smart Grid is expected.

The Department of Electrical Engineering is contained in the College of Engineering and Computer Science. The Department offers B.S.E.E. and M.S. degrees. The undergraduate program follows the ABET accreditation guidelines and is fully accredited. This growing department currently has seven Faculty members, and approximately 193 student majors. Significant local opportunities exist for industrial activities in electrical and computer engineering.

Qualifications

The candidate must possess a Bachelor's of Science and Ph.D. degrees in Electrical Engineering, a proven experience or ability to provide instruction in a variety of modalities including online, and a commitment to working with undergraduate and graduate students in research. Professional registration is expected for tenure.

The desired candidate should also have expertise in at least one or more of the following areas: power systems, renewable energy, Smart Grid, Microgrids, transportation, or Cyber-Physical Security. We are seeking a senior faculty member with in-depth knowledge and established research in power systems and strong engagement with the power industry.

Review of applications will begin immediately and will continue until the positions are filled. Applications should include a cover letter, teaching and research statements, current curriculum vitae, unofficial transcripts, and the names, addresses, and telephone numbers of at least three references. Please go online to https://ut.taleo.net/careersection/utc_faculty/jobdetail.ftl?job=160000016X to apply and to upload the documents mentioned above.

The University of Tennessee at Chattanooga is the second largest school in the University of Tennessee System, serving a diverse student body of more than 11,000 undergraduate and graduate students through five academic colleges. UTC offers a unique blend of private and public school traditions and is a driving force for achieving excellence, embracing diversity, inspiring positive change, and enriching the community. Since its founding as Chattanooga University in 1886, UTC has developed a reputation for excellence built on an unusual blend of the private and public traditions of American higher education. For more than 83 years, the university was a private school. In 1969, UTC became part of the state university system. Today, UTC is on a journey to excellence – boldly embracing a passion for excellence in all things and focused on changing lives and transforming communities. The UTC commitment – each and every day – is to earn the trust and confidence of those we serve. Our goal is to make a difference in our community and in the lives of our students.

Chattanooga, the fourth largest city in the state, is located in Southeast Tennessee near the border of Georgia at the junction of four interstate highways. The city has received national recognition for the renaissance of its beautiful downtown and redevelopment of its riverfront. Chattanooga also has the fastest internet in the country. Home to the first Gig Internet in the United States, Chattanooga has a

100% fiber network that links every home and business in a 600-square mile area. Companies like Unum, McKee, U.S. Xpress, Volkswagen, Coke United and Amazon.com have chosen to set up shop in Chattanooga. Attractions such as the Tennessee Aquarium, Lookout Mountain, Civil War battlefield sites, the African American Museum, and the Appalachian Trail bring thousands of people to the area, as do events like the Riverbend Festival, Nightfall, Jazzanooga, the Creative Discovery Museum for Children, and the Southern Writers Conference. Chattanooga is the home of the seven-time NCAA Southern Conference Football Champions, The University of Tennessee at Chattanooga Mocs. People who love the outdoors use Chattanooga as the base for hang-gliding, bass fishing, mountain climbing and caving expeditions; the beautiful Smoky Mountains and Tennessee River support the richest variety of flora of any area in the United States. Chattanooga also has a long and rich past with regard to diversity, which includes Native American heritage, Civil War history, and the Civil Rights movement. Chattanooga is also just a two hour (or less) drive from Atlanta, Nashville, Knoxville, and Birmingham.

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