TEXAS TECH UNIVERSITY
College *of* Engineering

Faculty Opening in
Electrical and Computer Engineering
Texas Tech University

Texas Tech University. The Department of Electrical and Computer Engineering (ECE) is inviting applications for a tenure-track Assistant / Associate Professor position. The candidate should have a background in a broad area of Telecommunications including open radio access networks, integrated sensing and communications, and cyber physical telecommunications security.

A Ph.D. in Electrical or Computer Engineering or a closely related field is required. The successful candidate is expected to teach existing undergraduate and graduate courses and develop new courses. The candidate is expected to build a research infrastructure that leads to extramural funding, scholarly publications, collaborations, and the training of students or other related fields to complement existing research activity in the ECE Department. Candidates who have strong records of scholarship supported by extramural funding and who have the proven capacity or clear potential to bring externally sponsored research to Texas Tech University are encouraged to apply. Service to the Department, College, and University is expected. We encourage and foster team spirit and cooperation within the department as well as across disciplines. Applicants are requested to upload a cover letter, curriculum vitae, research statement, teaching statement, and the names and contact information of at least three references to http://www.depts.ttu.edu/hr/workattexastech/ referencing requisition number 41268BR. Questions related to the application should be emailed to the search committee chair, Dr. Brian Nutter at brian.nutter@ttu.edu. Applications will be accepted until the position is filled. Multiple positions are under consideration.

1. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, gender expression, national origin, age, disability, genetic information or status as a protected veteran. This position involves research, work on, or access to critical infrastructure. In accordance with Texas Executive Order 48 and applicable federal and state regulations, candidates may be subject to a review of relevant criminal history and security-related background checks. Because a significant portion of the funds available for telecommunications infrastructure is regulated under International Traffic in Arms Regulations (ITAR)/EAR, the successful candidate must be able to work in an environment conforming to ITAR requirements either currently or working to meet necessary requirements within these regulations or as otherwise required by the project sponsor.

ABOUT THE COLLEGE: The Whitacre College of Engineering is home to eight academic departments (chemical, civil and environmental, electrical and computer, industrial, mechanical, petroleum, construction engineering, along with computer science), and it offers over 30 degrees to over 6,000 students including more than 1450 graduate students. Research funding totaled $40 million in 2024. The major research strengths are in pulsed power and power electronics, microscale and nanoscale devices and semiconductor materials, medical imaging, bioengineering, wind-science & engineering, energetics, intelligent software systems, and polymer materials. Texas Tech University is a Doctoral/Research University in the Carnegie “Very High Research Activity” category, enrolls more than 40,000 students in 11 academic colleges, a School of Law, and a School of Veterinary Medicine.

ABOUT THE CITY: Lubbock, with a population of over 300,000, has a very low cost of living index; the city's diverse economy is sustained by TTU, a large healthcare industry, abundant retail shopping and restaurants, agriculture, manufacturing and oil/energy. Three independent school districts and numerous private schools offer excellent educational opportunities for families. Its International Airport provides travel convenience from several national airlines, and Lubbock is also within driving distance of Dallas, Austin, Santa Fe, and other major metropolitan cities. The Texas South Plains enjoys stunning sunrises and sunsets and pleasant weather associated with its 3,300 foot elevation, over 260 days of sunshine per year, and a semi-arid southwestern climate.