



# Faculty Opening in Electrical and Computer Engineering Texas Tech University

The Department of Electrical and Computer Engineering (ECE) is inviting applications for a tenure-track Associate Professor position in the AI/Bioinformatics field. The candidate should have a background in research related to **AI/Bioinformatics** applied to **neurodegenerative diseases** or related applications in areas such as: **pattern recognition, multi-omics, biological data visualization, foundation models in healthcare.**

A Ph.D. in Computer Engineering or a closely related field is required. The successful candidate will have a joint appointment with ECE and the Human Molecular Aging Center and is expected to teach existing undergraduate and graduate courses, develop new courses, and develop a strong research program in AI/Bioinformatics related endeavors, including securing external funding and generating archival publications. We also expect engagement in professional service activities. We encourage and foster team spirit and cooperation within the department as well as across disciplines. This position is designated as involving access to critical infrastructure systems and/or research, as defined by Texas Executive Order GA-48. As such, candidates must successfully complete a comprehensive background check prior to employment. Employees are required to comply with all applicable state and federal regulations related to the protection of critical infrastructure. Ongoing employment is dependent upon maintaining eligibility for access and successfully passing periodic security and compliance reviews. All applicants must apply online at [hr.ttu.edu](https://hr.ttu.edu) to be considered. Applicants are encouraged to upload a curriculum vitae, a cover letter, research statement, teaching statement, and the names of at least three references to the HR website. If you have any questions, please feel free to contact the Chair of the Search Committee at [ranadip.pal@ttu.edu](mailto:ranadip.pal@ttu.edu). Applications will be accepted until the position is filled. 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. Texas Tech University is a Hispanic Serving Institution (HSI).

**About the Department:** The department of Electrical and Computer engineering enrolls more than 600 undergraduate and 150 graduate students. The ECE department faculty are well known in the areas of Pulsed Power and Power Electronics, Nanophotonics and Nanotechnology, AI, Bioengineering and Semiconductors and were awarded more than \$9.8 million in externally sponsored research in FY 2024.

**About the College:** The Whitacre College of Engineering is home to eight academic departments (chemical, civil, environmental and construction, electrical and computer, industrial, mechanical, petroleum, along with computer science), and it offers over 30 degrees to over 6,000 students including more than 1300 graduate students. Research funding totaled \$36 million in FY 2024.

**About the University:** Established in 1923, Texas Tech University is a Carnegie R1 (very high research activity) Doctoral/Research-Extensive, Hispanic Serving, and state-assisted institution. Located on a beautiful 1,850-acre campus in Lubbock, a city in West Texas with a growing metropolitan-area population of over 300,000, the university enrolls over 40,000 students with 33,000 undergraduate and 7,000 graduate students. The flagship of the Texas Tech University System, Texas Tech is dedicated to student success by preparing learners to be ethical leaders for a diverse and globally competitive workforce.

**About the City:** Referred to as the “Hub City” because it serves as the educational, cultural, economic, and health care hub of the South Plains region, Lubbock boasts a diverse population and a strong connection to community, history, and land. With a mild climate, highly rated public schools, and a low cost of living, Lubbock is a family-friendly community that is ranked as one of the best places to live in Texas. Lubbock is home to a celebrated and ever-evolving music scene, a vibrant arts community, and is within driving distance of Dallas, Austin, Santa Fe, and other major metropolitan cities. Lubbock’s Convention & Visitors Bureau provides a comprehensive overview of the Lubbock community and its resources, programs, events, and histories.

