Holcombe Department of Electrical and Computer Engineering
Faculty Search for Assistant / Associate Professor of ECE in Power Systems or Power Electronics at
Clemson University’s Charleston Innovation Campus in N. Charleston, SC.

Applications and nominations are sought for an Assistant or Associate Professor of Electrical and Computer Engineering in electrical power engineering at the Zucker Family Graduate Education Center (ZGEC) of Clemson University’s Charleston Innovation Campus in N. Charleston, SC (http://www.clemson.edu/restoration/). The candidate’s teaching and research should encompass a broad range of topics related to power systems with a focus on Intelligent Distribution Systems and/or Power Electronic applications in power systems. In addition, the ideal candidate should have a solid understanding of the cyber-infrastructure related areas of power systems such as embedded systems, cybersecurity, networking, and remote sensing. The person filling the position will hold a tenure-track faculty position in Clemson’s Holcombe Department of Electrical and Computer Engineering (http://www.clemson.edu/ece/).

The Holcombe Department of ECE is one of the largest and most active departments in the University, with 32 primary and 14 affiliated full-time faculty members, approximately 550 undergraduates and 190 graduate students. Annual research expenditures exceed $8.6 million. Power engineering research facilities associated with the Department include those on the Clemson main campus and at the Clemson University Restoration Institute (CURI) in N. Charleston, SC. CURI houses a $110M electric power research facility initiated in 2009 from a $45M Department of Energy grant. It includes the SCE&G Energy Innovation Center which contains the world’s most-advanced wind-turbine drivetrain testing facility capable of full-scale highly accelerated mechanical and electrical testing of advanced drivetrain systems for wind turbines. The SCE&G Energy Innovation Center also houses the Duke Energy Electrical Grid Research Innovation and Development (eGRID) Center, a facility with real-time simulation and 20MVA hardware-in-the-loop capability. The Clemson main campus includes state-of-the-art real-time simulation facilities for research in intelligent control of the electric grid, a modern power-electronics laboratory, and a thriving undergraduate and graduate emphasis in power systems.

Clemson University is the largest land-grant institution in South Carolina, enrolling 18,600 undergraduates and 4,800 graduate students. Seven colleges house strong programs in architecture, engineering, science, agriculture, business, social sciences, arts, and education. A faculty of 1,500 and staff of 3,700 support 84 undergraduate degree offerings, 73 master’s degree programs and 40 Ph.D. programs. An annual operating budget of approximately $956 million and an endowment of $621 million fund programs and operations. The University has externally funded research expenditures of $100 million per year. Research and economic development activities are enhanced by public-private partnerships at 4 innovation campuses and 6 research and education centers located throughout South Carolina. Clemson University is ranked 23th among national public universities by U.S. News & World Report.

Applicants must have an earned doctorate in Electrical Engineering or a closely related field. Application material should be submitted electronically at the following Web link:
http://apply.interfolio.com/39804

To ensure full consideration, applicants must apply by December 1, 2017; however, the search will remain open until the position is filled.

Clemson University is an AA/EEO employer and does not discriminate against any person or group on the basis of age, color, disability, gender, pregnancy, national origin, race, religion, sexual orientation, veteran status or genetic information. Clemson University is building a culturally diverse faculty committed to working in a multicultural environment and encourages applications from minorities and women.