North Carolina Agricultural and Technical State University

Master of Science in Electrical Engineering

Doctor of Philosophy in Electrical Engineering

The Master of Science and the Doctor of Philosophy in Electrical Engineering emphasize four areas of concentration: (1) Computer Engineering, (2) Communications and Signal Processing, (3) Electronic and Optical Materials and Devices, and (4) Power Systems and Control.

Research Laboratories and Centers

- Center of Excellence for Battlefield Capability Enhancement
- Image Processing and Computer Vision Laboratory
- Machine Intelligence and Power Associated Research Laboratory
- Molecular Beam Epitaxy Laboratory
- Autonomous Control and Information Technology Center
- NSF Advanced Space Technologies Research & Engineering Center

Funding Opportunities

Faculty in the Electrical and Computer Engineering Department have a number of research projects funded by **NSF, NASA,** and many **DOD** agencies. In addition to tuition remission, students may receive teaching and research assistantships. A limited number of fellowships are also available. Financial aid is based on merit and availability of funds.

Employment Opportunities

Graduates of these programs find employment in industry, government agencies and universities. Those employers include **Northrop Grumman, Department of Defense, Cummins** and **Intel**. Some of our graduates go on to pursue doctoral work at prestigious research universities such as Georgia Tech, Virginia Tech and Michigan State.

Admission

For Admissions requirements, please visit the Graduate School website.

Research Areas

- Wireless sensor networks
- Data mining, soft computing, pattern recognition
- Robotics and Control—Machine Learning
- Pervasine Computing
- Semiconductor materials: growth & characterizations
- Smart micro grids
- Software defined radio

For More Information

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