RISING TO THE CHALLENGE

The challenge: Clemson University is at the center of the nation's fastest growing mega-region, the Piedmont Atlantic, extending from Birmingham, Alabama, to Raleigh, North Carolina — an area that has emerged as a national leader in several fields, including advanced manufacturing, engineering, construction and energy. Engineering and computing talent are crucial if our area is to continue to grow, prosper and maintain a high quality of life for the citizens of South Carolina and the Southeast. The College of Engineering, Computing and Applied Sciences is positioned to answer this challenge.

Major talent provider: The college accounts for 28 percent of the University's enrollment, 36 percent of the doctoral student output and 48 percent of its research. Hence, it is a major source of the talent, research and innovation that drive the state's economy. More importantly, the college enrolls students with the highest mean SAT/ACT scores among South Carolina's public institutions and produces more engineering and computing graduates than the rest of the four-year institutions in the state combined. With this leadership comes a sense of responsibility to provide the next generation of talent prepared to address the challenges of the 21st century.

How we will meet the challenge: To continue to foster these leaders, innovators and entrepreneurs, the college is building a culture of excellence premised on relevance, efficiency and quality to position its students, faculty and staff to play a critical role in shaping the future of the state and the country.

ABOUT THE DEAN

Anand K. Gramopadhye serves as dean of Clemson University's largest college, the College of Engineering, Computing and Applied Sciences. He oversees 12 academic departments with 230 tenured and tenure-track faculty members, 250 staff members and an enrollment of more than 7,100 students. His leadership role was highlighted by the National Science Board for fostering partnerships with industry, technical colleges, state and federal organizations as a proven way to pursue world-class research, workforce development and education — specifically in STEM fields while furthering the core mission of the modern, public, research, land-grant university. His focus has been to develop a high-quality, diverse and inclusive talent pool supporting the pressing engineering and computing needs of South Carolina and beyond.

MISSION

The mission of the College of Engineering, Computing and Applied Sciences is to educate, create and disseminate new knowledge; engage our students in critical thinking; and thereby inspire new discoveries — the cutting-edge innovations of tomorrow that will lead to transformative economic development and broaden our impact as a land-grant university.

VISION

Our vision is to transform lives and be recognized for research, education and scholarship that make or have a global impact.

Our overarching goal is to be one of the nation's premier public colleges in engineering and computing and to propel our key academic programs into the Top 20 in the U.S. News & World Report graduate rankings.

MAJOR PROGRAMS

- *EMAG!NE:* A faculty-guided program for middle and high school students to test their creativity and technical skills in a series of engineering challenges.

- *Creative Inquiry and Study Abroad:* Research and multicultural experiences that prepare the next generation of global citizens to tackle society's toughest problems.

- *Programs for Educational Enrichment and Retention (PEER) and Women In Science and Engineering (WISE):* Programs that help undergraduates from underrepresented groups realize their plans for academic achievement and enrichment.

- *Residents In Science and Engineering (RISE) Living-Learning Community:* A unique residential community designed to ease the freshman transition to college.

By the Numbers

5,510 UNDERGRADUATE ENROLLMENT

1,672 GRADUATE ENROLLMENT

230 FULL-TIME TENURED AND TENURE-TRACK FACULTY

CLEMS☉N *forever*