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Electrical & Computer Engineering News

Georgia Southern University

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EE Faculty, Staff, and Students participate – with great success – in the 2015 STEM Fest

September 30, 2015

STEM Fest is a free community event designed to get K-12 students, their parents, and teachers hands-on and involved with STEM education. K-12 students come to campus for a day to see what Georgia Southern is all about and engage in fun learning activities.

The Electrical Engineering Department participated with four engineering stations that gave students the opportunity to learn and participate in activities such as solar cell, robotics, wireless communications, circuits, aeronautics and structures.

Faculty & staff members (Dr. Rocio Alba, Dr. Rami Haddad, Dr. Danda Rawat, Dr. Fernando Rios & Mr. Andrew Michaud) designed the experiments and organized the teams of engineering students. Members of the student organizations IEEE (Institute of Electrical and Electronics Engineers) and [SWE \(Society of Women Engineers\)](#) and graduate students from the [MSAE \(Master of Science in Applied Engineering\)](#) program assisted in this event.



wrote down the brand name of the kit to buy it for their kids for Christmas.” (Kit can be seen in photos above.)

ns where students built gumdrop and
with flashlights to power toy cars and boats.

search projects including smart parking
oint slides with your car Keyfob.

re aeronautical engineers with

given electrical sources, sensors, LEDs,
roller demonstrations allowed students to
ontrolling a drone. The main concepts of solar
sed the Electrical Engineering Department’s
y designed a circuit that worked and...parents