WiRED

Fusion of Engineering and Design

WHEN
Thursday 23rd June 2016

WHERE
School of Engineering & Digital Arts
University of Kent
Canterbury Campus

Maximum of 40 places available

Women in Research, Engineering & Design is an all-day enrichment event (09:45 - 14:30 approx.) for Year 10 and 11 students studying GCSE options in any of the following subjects: Maths, Physics, Chemistry, ICT, Art, Graphics, and Design Technology, and will be hosted by the School of Engineering and Digital Arts at the University of Kent's Canterbury Campus.

Currently, fewer than 10% of the engineering workforce are women, and with a large skills gap in the sector looming, and the additional need for a more diverse workforce, it has never been more important to encourage girls to choose a career in in Science, Technology, Engineering, Medicine and Mathematics. It is time to think about the gender gap in science and build an awareness where we enable girls to understand at an early age that technology can be rewarding, can be fun, can be social and that having a background in technology will help them solve the world's problems more easily.

"Thank you for making me realise how fun engineering can be and to help me think about my future."

The intention of the event is to raise the profile and celebrate the achievements of women pursuing scientific careers in academia, and women practicing professional careers in engineering and digital design and technology, providing positive role models and encouraging more girls to consider science as a career route.

The event will enable students to experience the exciting creative aspects of both engineering and digital technologies, as well as to hear inspirational talks by women in these fields. It will also demonstrate that women in academia are not just employed as lab technicians or administrative staff! We will showcase that within a University environment, there is a diversity of possible engineering and technological careers.

Students will be divided into teams of "Engineers" who will be developing a circuit, programming a microcontroller, assembling and testing devices, while "Digital Technologists" will digitally manipulate images and create a promotional advert in Photoshop. The day will culminate with team presentations and prize giving.

This event is part of our ongoing commitment to promoting women in science disciplines.
www.eda.kent.ac.uk

University of Kent | School of Engineering and Digital Arts

NATIONAL WOMEN In ENGINEERING DAY
23 June 2016

Athena SWAN
Bronze Award