

Industrial visit to RADAR Station at Machlipatnam:



The final year ECE students are visited the RADAR station at Machlipatnam to understand the practical applications of the RADAR systems.

VISION

PIONEERING ELECTRONICS AND COMMUNICATION ENGINEERING EDUCATION AND RESEARCH TO ELVATE RURAL COMMUNITY .

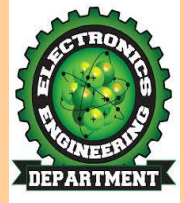
MISSION

- IMPARTING PROFESSIONAL EDUCATION ENDOWED WITH ETHICS AND HUMAN VALUES TO TRANSFORM STUDENTS TO BE COMPETENT AND COMMITTED ELECTRONIC ENGINEERS.
- ADOPTING BEST PEDAGOGICAL METHODS TO MAXIMIZE KNOWLEDGE TRANSFER.
- HAVING ADEQUATE MECHANISMS TO ENHANCE UNDERSTANDING OF THEORETICAL CONCEPTS AND TO PRACTICE.
- ESTABLISHING AN ENVIRONMENT CONDUCIVE FOR LIFE LONG LEARNING AND ENTREPRENEURSHIP DEVELOPMENT .
- TO TRAIN AS EFFECTIVE INNOVATORS AND DEPLOY NEW TECHNOLOGIES FOR SERVICE OF SOCIETY.

DIET ECE



Tele-Electro
Jun-Jul 2018



Tech News:



Large Hadron Collider Just Spat Electron-ified Atoms to almost the speed of light

Scientists working on the Large Hadron Collider (LHC) achieved yet another first Wednesday (July 25), revving full-blown atoms (with electrons orbiting them) up to near the speed of light. The question of whether these were truly the first "atoms" that humans have accelerated to these speeds is a bit semantic; The LHC accelerates atomic nuclei of one sort or another all the time. (That's why folks sometimes call the giant machine, run by the European Center for Nuclear Research, or CERN, an "atom smasher.") But this is the first time those nuclei have had electrons orbiting them. In this case, CERN explained in a press release, the researchers accelerated lead nuclei, each orbited by a single electron, in a relatively low-energy beam for "about an hour." Then they "ramped the LHC up to its full power and maintained the beam for about two minutes before it was ejected."

Be more dedicated to making solid achievements than in running after swift but synthetic happiness

-A.P.J Abdul kalam

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IV Year Students Practicing C-Programming under guidance of APSSDC Trainers



III Year Students Practicing IOT with Python Programming under guidance of APSSDC Trainers



R&D Presentations of Faculty:



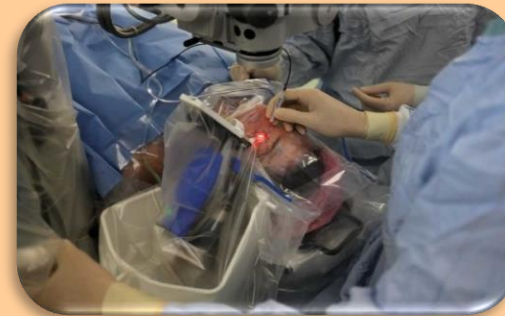
No, mobile phones still won't give you brain cancer



The supposed health risk from mobile phones is the story that will never die. Phones emit radiation to communicate with mobile phone masts, and radiation has always had a bad rap, thanks to the well-known effects of X-rays and nuclear fall-out. But phones use a form known as non-ionising radiation, meaning it doesn't carry enough energy to tear electrons away from their atoms and turn them into ions. It's this electron-stripping that means X-rays, for instance, can cause cancerous mutations in our DNA.

By:Ch.MohanSaiKumar,Assistant professor,dept., of ECE

A Robot has performed eye surgery on Humans for the first time



For the first time, a robot has performed eye surgery on humans. It's success hints that soon robots will be performing operations that are too delicate for a human to do manually. Each of the six participants in the study needed a membrane removed from their retina to improve vision. This procedure involves cutting out a collection of cells that have clumped together, distorting what the person can see. Twelve people in total had the surgery, with half of them conducted using a robot.

By:S.Rohith, IV ECE-B