

ELECSTA 'Activities 2017 – 18'

PROJECT EXPO' 2K18

The Project Exhibition of the final year ECE students was conducted on 19th March, 2018. The venue gave the students an opportunity to showcase their projects on various domains. To list a few :

Advanced Braille Tutor with Wi-Fi Assistance

Military UAV

Solar Powered Automatic Poly House And Talking Plant

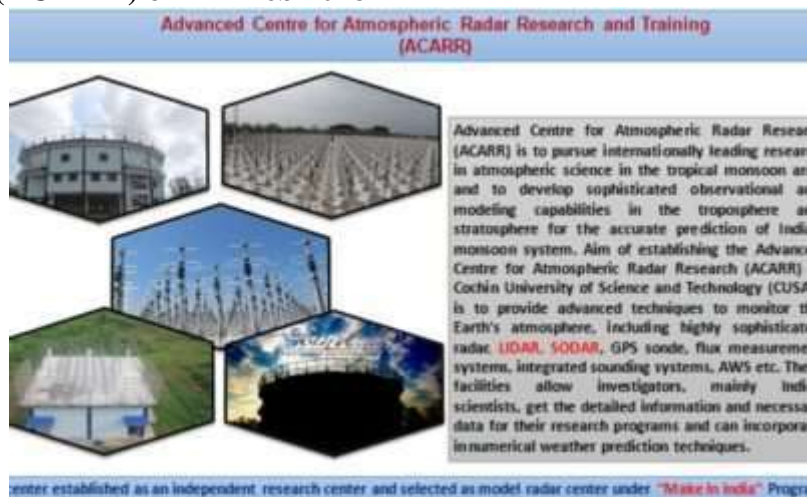
Autonomous Food Serving Robot

Digital Switch Board

Wi-Fi Based Through Wall Imaging

<https://youtu.be/XeGHSva1tAc>

INDUSTRIAL VISIT TO ADVANCED CENTRE FOR ATMOSPHERIC RADAR RESEARCH (ACARR) on 21st Feb 2018



A visit was arranged to ACARR , CUSAT on 21/2/2018, Wednesday, for the final year students. The visiting team comprised of a total of 55 students along with two faculty members. There was an Introductory session by Dr.M.G Manoj, Scientist, ACARR about the Phased Array Antenna System and the key features of the ST RADAR system followed by a talk by Mr.Rajesh Varadarajan, Senior Engineer.

The team visited the Antenna Floor and interacted with the scientists and engineers and got a better understanding about the technology which is implemented at the Radar Centre and its future scope. There was a RadioSonde Launch which made the team aware that the real time conditions of the atmosphere can be continuously monitored in the Control Unit. The visit concluded around 3:00 pm.

The visit to the Centre thus helped in correlating theoretical knowledge with practical implementation mainly in the field of RADAR Systems, Signal Processing, Image Processing, and Microwave Engineering which could be utilized for future research work. Explanation of ST Radar System by Dr .M.G.Manoj, Scientist, ACAAR



THE RADIOSONDE LAUNCH



A Seminar on “Embedded systems and IOT” was conducted by KELTRON (Govt. of Kerala undertaking), in association with IETE on 15.01.2018 for the S6 students. The students got an insight into Industrial Enhancement of Embedded systems and Internet of Things(IoT).



A Technical Talk on “Future trends in Electronics Industry” by experts from KELTRON, was conducted on 16.01.2018 for S2 & S4 students, in association with IETE. The emphasis of the talk was more on interdisciplinary applications of technologies in electronics





Eclectic 2017

Department of Electronics & Communication presented “ECLECTIC 2017” on 24th & 25th Aug 2017. Click here to view <https://youtu.be/36A664vL0N0>

SOCIAL COMMITMENT & EMPOWERMENT ACTIVITIES

ELECSTA in association with IEEE students forum took up social commitment and empowerment activities for “EMPOWERING YOUNG GENERATION TOWARDS ENGINEERING EDUCATION” named “Enlighten 2.0”. The final year students played a vital role in organizing a workshop related to the same, in various schools in the month of July 2017. The workshop also introduced the students to simple electronic circuits and their implementation on bread board.





TECHNICAL TALKS/SEMINARS

TALK ON ELECTRONIC PRODUCT DESIGN BY MR. S THOMAS SALU DIRECTOR DIGICORE TECHNOLOGIES LIMITED ON 20th JULY 2017

To provide the latest technical knowledge in the field of Electronic Product Design, ELECSTA organized a technical talk by in association with Digital Core Technologies on 20th July 2017. Mr. S. Thomas, CEO, Digital Core Technologies Pvt. Ltd., spoke on the occasion. A firm believer in 'Quality by Design', he has more than 26 years of industry experience in Telecom, Embedded Systems design, deployment, verification and mentoring in the State-of-the-Art technologies.

