

# METRON

## INDUSTRIAL VISIT TO WESTERN INDIA PLYWOOD



The students of third semester Electronics & Instrumentation department went for an industrial visit to West-

ern India Plywood Ltd, Valapattanam, Kannur on 25th September 2013. The crew consisted of 40 stu-

dents accompanied by three staffs (Ms. Divya K Vinod, Mr. Sarath T S, Mr. Avinash K K).

## INDUSTRIAL VISIT TO TRIDENT TECH



The students of fifth semester Electronics & Instrumentation Department had an industrial visit to Trident Tech, Bangalore on 5th to

8th September 2013. The students were 35 in number accompanied by 4 staffs (Ms Teenu Jose, Ms. Anna Josef, Mr. Avinash K K,

Mr. Akhil Jose), The industrial visit was an eye opener for the students.

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## MINI PROJECTS BY S7 EIE STUDENTS



**TOUCH SCREEN CONTROL FOR A WHEELCHAIR**



**AUTOMATIC CONTROL OF A DAM**



**DROWSY DRIVER DETECTION SYSTEM**



**GSM BASED GENERATOR AUTOMATION**





## MINI PROJECT continued.....

LPG GAS SAVER USING HHO



AUTOMATED ELECTRONIC COLLEGE BELL



GSM BASED ENERGY METER ONLINE MONITORING



BOAT SECURITY SYSTEM





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### **PROGRAM EDUCATION OBJECTIVES**

1. Graduates will achieve broad and in-depth knowledge of Electronics and Instrumentation Engineering relating to industrial practices and research to analyze the practical problems and think creatively to generate innovative solutions using appropriate technologies.
2. Graduates will make valid judgment, synthesize information from a range of sources and communicate them in sound ways appropriate to their discipline.
3. Graduates will sustain intellectual curiosity and pursue lifelong learning not only in areas that are relevant to Electronics and Instrumentation Engineering, but also that are important to society
4. Graduates will adapt to different roles and demonstrate leaderships in global working environment by respecting diversity, professionalism and ethical practices.

### **COMPUTER VISION 2013**



The Department of Electronics & Instrumentation & The Department of Computer Science Engineering in association with CSI & ISOI organized a 5 Days workshop on IMAGE PROCESSING USING MATLAB for the M.Tech students of Computer Science Engineering & Control & Instrumentation Students from 21st October 2013 to 25th October 2013. The resource person was Mr. Nithin from Mumbai. The coordinators for the programme was Mr. Avinash K K & Mr. Rahul Ajithkumar.

### **SMEC LABS WORKSHOP ON PLC & SCADA**

5 Days workshop on PLC & SCADA was conducted by SMEC LABS, Cochin for S5 students of Electronics & Instrumentation Department from 17th October 2013 to 21st October 2013. The workshop was of much importance & the feedback of the students were good.



### **VISION & MISSION OF THE DEPARTMENT**

**Vision:** The department strives to enrich professionals of high competency in the arena of Instrumentation Engineering & mould them to adopt the crux of the matter in the field of Automation.

**Mission:** To prepare the students to envisage beyond the hypothetical thinking & belong to a new era of acquisition & application of Instrumentation Technology to meet the requisition of the changing World.