MANGALAM
COLLEGE OF ENGINEERING
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Presents
ELECTROVAGANZA 2014

Organized by
Department of Electronics and Communication Engineering
4th & 5th July 2014

Engineering Projects Exhibition
&
Technical Talk
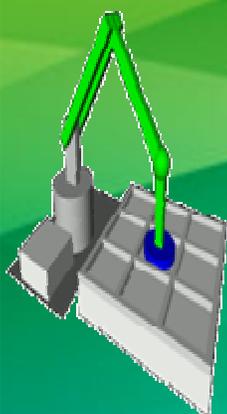
DR. JAYAN THOMAS, UNIVERSITY OF CENTRAL FLORIDA, USA

Topic- Nanotechnology: A fascinating world of teeny tiny, but mighty objects

11:00 am – 01:00pm
05.07.2014

List of Projects
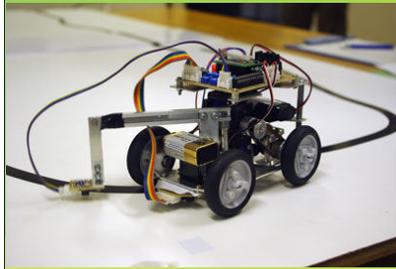
Line tracing vehicle

SMS based e-notice board

Automatic ambulance rescue system

Smart Phone operated robot with accelerometer

Natural calamity disaster management system

Microcontroller based ultrasonic distance meter

Vehicle accident preventer using eye blink sensors

Unmanned automated petrol pump

Automated Open house letter to parents

Intelligent automated mega-mart shopping cart

Blind audio guidance system

TV remote as cordless mouse for PC

Automatic car parking system

Wireless Fingerprint Attendance System based on Zigbee Technology

Ambulance Tracking System

Infant Stimulation System

Metal Detector Robotic Vehicle operated by Android application

Street Light that glows on detecting vehicle movement

Component Pick and Place Scheduling Robot

Intelligent Energy Saving System using IR

Fire Robot

Obstacle Avoidance Robocar with Human Detection

Bomb Detection Robotics using Embedded Control

Home Automation by Android Application Based Remote Control

Examination Room guide using RFID