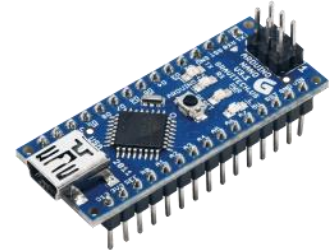**(Approved by AICTE, New Delhi, Affiliated to JNTU Kakinada)**

Workshop Report

DATE : 11th July to 12th July 2017
VENUE : E-CAD LAB
ORGANIZED BY : SPACE ,E.C.E Dept.

**FACULTY INCHARGE: Mr. K.Raju , Ms. T.Revathi &
Mr.B.Venu**

EVENT DESCRIPTION:

The ECE department association "SPACE" conducted a two day workshop on "**Real Time Implementation of EMBEDDED Applications using Arduino Nano"** from 11th July to 12th July 2017 in the E-CAD Lab. The resource person for this workshop was **Mr. M.Praveen, Manager , Parl embedded Technology private Ltd**. This programme is targeted to Electronics students with some knowledge on Embedded Systems Concepts and Microcontrollers. This course is based on the Arduino Nano board and its implementation using Arduino IDE. This programme provides better view on programming aspects of Arduino Microcontrollers. Thus it offers various Real Timeprojects to implement using Arduino Microcontroller by programming in C Language Programming**.**

SESSION ACTIVITIES:
DAY 01(11th July 2017)

As per the given instructions by the Dr. Siva Ganga Prasad, HOD ECE dept., the student and faculty in charges made proper arrangements for the work shop. Between 9.50AM to 10.15 AM the registration process for participants is completed by Ms. T. Revathi and Mrs. T. Bhavani. The workshop is started with opening remarks of Dr. Siva Ganga Prasad . Exactly at 10.30 AM the workshop is started by is **Mr. M.Praveen, Manager , Parl embedded Technology private Ltd** with the explanation of Embedded system **.** More than 100 students actively participated in the workshop .

The following programs carried out on first day

- LED program
- 7 segment display program
- LCD program

DAY 02(12th June 2017)

   On second day resource person explained Design of attendance using RF cardsalong with following programs

- Running of motor in clock wise
- Running of motor anti clock wise
- Sensing Temperature using LM35

   After the feedback from the participants, certificates were distributed to all the participants by resource person. The Vote of Thanks was delivered by the Dr. Siva Ganga Prasad, HOD ECE dept. On behalf of the department of Electronics and Communication Engineering, He extended his gratitude to the College Management and Principal.

Photos: