

# **St. Ann's College of Engineering & Technology : Chirala**

## **Best Practices**

### **1. Establishment of e-yantra Lab by ECE department.**

**Title of the Practice:** Establishment of e-yantra Lab in association with IIT Bombay.

**Objective:** To develop technical skills among the students in areas of Robotics, IOT, Embedded Systems etc,

**Description:** At the first stage the students are given online training in the above areas up to above four weeks.

The students are given a particular task/idea in these areas so that they can develop further and give presentation with all the details. Their presentations are scrutinized and selected ones are invited for regional competitions.

Competitions are conducted at the regional level to select best ones to participate at the National level. The prize money is for this competition four to six Rs\/- lakhs plus free training in above areas at IIT Bombay.

### **2. Title: HACKATHON Programme for innovative ideas**

**Objective:** To provide a platform for students to exhibit their innovative ideas as part of make in INDIA to solve the society/ Industry problems.

**The context and Practice:** Innovate 4 AMARAVATHI, a private organization with support from Andhra Pradesh Information Technology Academy (APITA) Conducted a 24hours boot camp followed by 36 hours Hackathon in our campus 255 students from various districts of Andhra Pradesh participated in this mega event. The students of CSE department got second prize for the project idea implementation entitled “Flood detection and monitoring system using IoT”.

**Evidence of Success:** The students got opportunity to exhibit their innate talents and hone their coding skills

**Problems Encountered and Resources Required:** No problems were encountered, computer labs with required OS and software.