

# MARIS STELLA COLLEGE (AUTONOMOUS)

## Department of Physics

**2017-2018**

### **1. Summer Internship Programme**

Arranged an internship programme of six weeks duration from April 15<sup>th</sup> 2015 to May 31<sup>st</sup> 2015 at Efftronics Systems Pvt.Ltd, Vijayawada and sent two students Ms.K.Bhagya Rekha (III MPCS), Ms.Sravya (III MPC).

### **2. Faculty Industrial training programme**

Dr. G. Little Flower (Physics), Miss. T. Bhagya Lakshmi(Physics) and Mrs. Niraja (Electronics) underwent Faculty Industrial training programme from 15<sup>th</sup> May, 2017 to 7<sup>th</sup> June, 2017 at Efftronics Systems Pvt Ltd. and got trained in “Number systems & Conversions, basic programming in C language, Embedded C, Practice on ARM Controller”.

### **3. Arranged an educational tour to Sriharikota Higher Altitude Range (SHAR), Andhra Pradesh on 17.08.2017. We visited Mission Control Centre (MCC), first Launch Pad FLP, called IOP – Integration on pad facilitates where the vertical integration of the stages of the PSLV and GSLV are assembled, the Second Launch pad (SLP) and Vehicle Assembly Building (VAB) which then moved in vertical position to the Launch Pad, working platforms that provide access to the vehicle at various levels and Mobile Service Tower (MST) that acts as a shelter to the vehicle and personnel during integration. This educational tour provided additional knowledge to what students had studied in the course “Mechanics and properties of Matter” during I semester about variable mass systems, multistage rocket launching techniques, types of fuels enclosed in various stages of rockets, the need of heat sink coverage of the rocket, tracking techniques of launched rockets using RADARS. Students learnt about job opportunities in Indian space programme at Sriharikota.**

### **4. One day workshop on “Hands on experience with experiments in Analog and digital Electronics” as faculty enrichment programme for its members on 13.10.2017, Friday from 9.30 a.m to 5.30 p.m. Mr. K.Ramakrishna M.Tech from Alpha Electronics was the resource person.**

### **5. Arranged Students’ skill development training programme on “Home appliances and their servicing” at the MHRD instituted ‘SIEMEN’s Skill Development Centre’ at Andhra Loyola Institute of Engineering & Technology(ALIET) approved by the Govt. of AP. **Twenty six students** of II and III B.Sc MPCS and MPC underwent a five day training from 30.10.2017 to 3.11.2017 in their campus.**

6. Arranged two days students' training programme on "MATLAB" organized by ECE department of Andhra Loyola Institute of Engineering & Tecnology. Thirty two students of II and III B.Sc MPCS and MECS underwent two days training from 15.11.2017 to 16.11.2017 in their campus.
7. Arranged 14<sup>th</sup> D.P. Somayaji's Memorial Physics Lecture on 4.11.2017. Sri Anita Sure, senior technology specialist, Honeywell technology solutions Pvt.Ltd. addressed the students on the topic "Lighting, Displays & Sensors-Applications and career opportunities in Industry. Two fifty students from I II and III B.Sc MPC and MPCS students and thirty external members associated with Sri D.P. Somayaji attended this memorial talk.

**LINK:** [Phy.dept.activities 2017-18](#)