

OUTREACH PROGRAMME

Academic year 2019-20

OUTREACH PROGRAM 2019-2020

DATE: February 3rd, 2020.



I am Tejaswi Pampari from B.Sc MECs, delighted to give you a report on the outreach program to ZILLA PARISHAT HIGH SCHOOL (ZPHS) - Nagaram for the Academic year 2019-2020 conducted by the college on February 3rd, 2020, led by our lecturers Mrs. Lavanya madam and Mrs. Asiya madam.



While planning for Outreach Program each one of us was allotted with a topic which we were to explain on the day of the outreach program. We all were very excited as it was a new experience of teaching the subjects which we've learnt to the school students.

On 3rd as soon as we reached the school we received a cordial welcome from the school authorities and we found many eagerly waiting excited faces to learn something new. We were given a large room where we arranged projector for projecting the presentation, prepared by the set of students for explaining basic concepts in light, heat, electricity, magnetism and practical experiments demonstration by remaining students. We planned to demonstrate concepts such as reflection, refraction, total internal reflection,

resistance in series and parallel circuits, scattering of light, for which we took a spectrometer and a prism with us, and different laws in physics.

Just after we arranged the set up, students occupied their seats to learn the subject in their syllabus more effectively. Everything went according to the plan as the students learnt the theory and witnessed the practical demonstration of the same topic simultaneously. Students have shown their interest, learnt the concepts enthusiastically and cleared their doubts. We all cleared their doubts patiently. This session was carried till 1:30 pm. We gave them their lunch break and wound up our program. We all enjoyed a lot teaching them and the school's principal was very happy with the outreach program and asked us to come and teach few concepts whenever we find time to do so.

The program was very successful and we thank Lavanya madam and Asiya madam for guiding us throughout and helping us at every point of the program and letting us pull this off quite well. We thank department of physics and electronics and our college for giving us a great opportunity to teach and interact with the students.



THANKING YOU

Tejaswi Pampari

II BSc MECs

Outreach Program (2019-20) organized on 30/08/2019

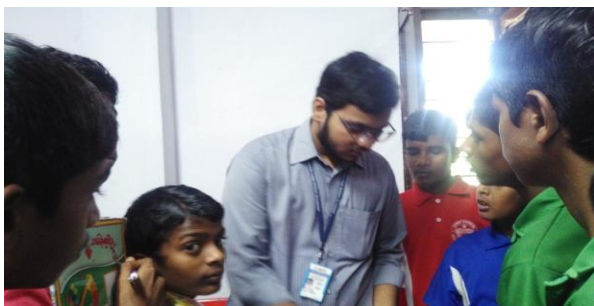
The Department of Physics and Electronics organized an Outreach Program for High School Science Teachers - "Understanding the underlying Physics through activities" on 30 /08/ 2019, Mrs VR Manjula & Mrs P Lavanya organized the event. 28 delegates from various schools which include Zilla Parishad High Schools and Private Schools around twin cities of Hyderabad and Secunderabad had participated in the workshop. The workshop was conducted in two sessions. During the first session, a guest lecture was given by Prof. Ravindran Ethiraj on fundamental concepts of physics. In the second session a total of 25 Physics experiments from various fields namely Mechanics, Optics, Electricity and Magnetism and Heat were demonstrated. Most of the experiments presented in the program are designed in such a way that any teacher can easily assemble the experiment with very low cost and not much sophisticated instrumentation involved. Students of BSc MPCs and MECs have volunteered for the demonstration of the experiments.



Academic year 2017-18

The Department of Physics and Electronics, Bhavan's Vivekananda College, Sainikpuri organized **an Outreach Programme - 2017** for the students of class IX and X, Zilla Parishath High School, Yapral on 16 – 09 – 2017. The event was conducted successfully by the students of B.Sc. with Physics/Electronics guided by two faculty members Mrs. P. Lavanya and Mrs. T Sai Santoshi. The program included visual and oral presentations and experimental demonstrations by the students in selected topics of Physics.





Academic year 2016-17

The Outreach Programme - 2016 organized by Department of physics and electronics, Bhavan's Vivekananda College, Sainikpuri for Xth class students was successful with students of B.Sc. Undergraduate course with Physics/Electronics accompanied by two Faculty members Mrs.T Sai Santoshi and Mrs. P. Lavanya had been to Zilla Parishath High School, Yappral on 17 – 09 – 2016 for the conduction of the programme. The program included visual and oral presentations and experimental demonstrations by the students of Physics and Electronics in selective topics of Physics. The students of the school enjoyed the programme.



