

## Department of Physics

### DEPARTMENTAL ACTIVITIES: (2019 – 2020)

#### Industrial Visit:

1. The Department of Physics in collaboration with the Microbiology Department visited 'Nehru Science Centre' on 18<sup>th</sup> January, 2020. 11 students from the department went to the science centre where they were able to perceive the concepts of basic sciences through small experiments, short movies etc.
2. The Department of Physics in collaboration with the Chemistry Department visited Silvassa on 18<sup>th</sup> and 19<sup>th</sup> February 2020. 8 students from the department went to visit industries like Parle G, Textile industry etc.
3. The Department of Physics visited the 'Bhabha Atomic Research Centre' on 27<sup>th</sup> February, 2020. 16 students and one staff member visited the centre.

#### Exhibition:

The Department of Physics celebrates a science day by exhibiting working models on 28<sup>th</sup> February, 2020 in the canteen extension.

1. Touch alarm
2. Tesla
3. Rain water alarm
4. Water pump
5. Fire alarm
6. Electromagnetism

Organize a Symposium in association with Jadavpur University Alumni Association, Mumbai Branch on 14<sup>th</sup> December 2019.

#### New Experiments:

Conducted new practicals in regular practical timing and involved all students to perform these practicals.

1. NAND as EX – OR Gate
2. NOR as EX – OR Gate
3. EX – OR gate as 1's complement.
4. Characteristics of transistors.

Photos: Industrial Visit: Nehru Science Center



Silvassa:



BARC visit:



Science Day:



## Symposium:



## New Experiment:





6 Students from FYBSc participated and explained a few small practical on the topic "Colour" to Sophia Nursery school.

