

# **JYOTHY INSTITUTE OF TECHNOLOGY**

## **REPORT ON COMMUNITY DEVELOPMENT PROGRAMME FOR THE YEAR 2017**

Jyothy Institute of Technology (JIT) conducts the community development programme (CDP) every year from inception, for rural government school children. It was a programme with the aim to contribute to the overall development of rural school children. This year the programme was organized on 09-10<sup>th</sup> November 2017. The programme consisted of science experiments in the field of Chemistry & Physics of class IX and X as per their syllabi.

The event saw young enthusiastic participants from different government rural schools. The CDP comprising of innovative working models and investigation based experiments were set in the field of Chemistry and Physics, to promote scientific attitude among budding young students, which in turn proved to be a learning experience for them and this CDP was one of its kind.

Thus JIT provided a platform for scientific exploration and innovation to the future scientist. We thank our Management, Principal for being instrumental and encouraging this activity to take place in our College.

Congratulations to the organizing committee led by science coordinators of Chemistry and Physics department teachers and the student volunteers who have worked for its success.

### **List of chemistry Experiments**

1. Detection of simple metals ions by flame photometric method
2. Organic compound structures Ball and Stick model
3. Artificial rainbow
4. Reaction of acids with Metals and Detection of hydrogen gas
5. Display of various metals (physical states)
6. Artificial Volcano
7. Metal coating by electrolysis process.

8. Determination of  $P^H$  of various food stuffs
9. Auto reduction of metals by various reducing agents.

### List of Physics Experiments

1. Photo Diode Experiment.
2. Zener Diode Experiment.
3. LASER.
4. Diffraction by Mercury source.
5. Newton's Rings Experiment.
6. Blackbody radiation spectrum.
7. Plank's law.

### Student Volunteer list

USN	Name of the Student
1JT17IS001	Aishwarya G
1JT17IS002	Aishwarya M
1JT17IS003	Aishwarya S
1JT17IS004	Amulya R
1JT17IS005	Ananya S G
1JT17IS006	Arathi N
1JT17IS013	Harshitha C
1JT17IS014	Hemanth Kumar
1JT17IS015	Jahnvi S
1JT17IS018	Lavanya G
1JT17IS019	Madhu Rani L
1JT17IS025	Phalguni Venkatesh
1JT17IS026	Poornima P
1JT17IS017	Krupa P A
1JT17IS035	Ruthvik L
1JT17IS036	Sai Sree Varun D V

# GLIMPSE CDP 2017

