

# GOVERNMENT DEGREE COLLEGE FOR WOMEN SANGAREDDY

## DEPARTMENT OF CHEMISTRY

### BEST PRACTICES

**2016-21**

Department of Chemistry was started in the academic year 2009-10. From the date of its inception, a few practices are followed in the department. In addition to the academic activities, the faculty concentrate on arousing interest the environment consciousness among the students. Every week one reaction mechanism is practiced by the students. Regular assignments and other co-curricular activities are conducted by the college to enhance the skills of the students. Group discussions and Quizzes are conducted to develop the right attitude. In addition to these activities, the following are practiced in the college for the development of the students.

<b>S.No</b>	<b>Practice</b>	<b>Year of commencement</b>
<b>1.</b>	<b>Rain water collection for laboratory use</b>	<b>2010-11</b>
<b>2.</b>	<b>Celebration of National Science Day</b>	<b>2010-11</b>
<b>3.</b>	<b>Conducting activities for environmental awareness</b>	<b>2011-12</b>
<b>4.</b>	<b>Preparation of chemicals for domestic use</b>	<b>2020-21</b>

## Department of Chemistry

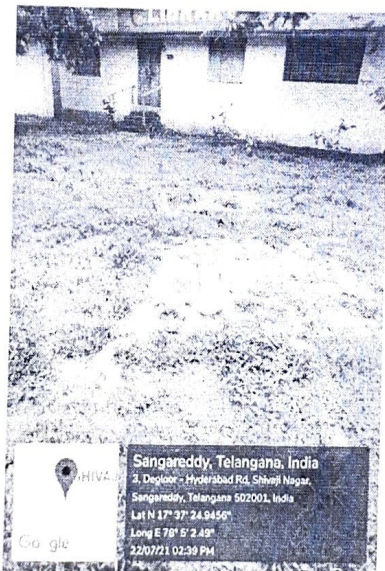
### Rain water collection for the laboratory use

#### Objective :

Sangareddy is one of the parts in Telangana state that gets less rainfall and low ground water levels. Many parts of the district fail to get sufficient amount of water for the use. Further Chemistry Laboratory requires a considerable amount of water for its maintenance like preparation of solutions, cleaning of apparatus, maintaining the lab tidy. Hence collection of rain water was a practice in the department from the inception day. Every year water is collected in the containers and stored for the laboratory use. The water is sufficient for the lab maintenance for one semester.

#### Achievements :

- Cost of procuring distilled water is minimised.
- Power consumption is reduced.
- Students gets awareness for using and conserving the water resources.



Soni

## Department of Chemistry

### Celebration of National Science Day

#### Objective

National Science is celebrated to commemorate the discovery of Raman Effect. Our department in association with the other science departments, celebrates the day by conducting activities like quiz, exhibitions etc.

2016-17

National Science day is celebrated by the science departments. Dr. Anitha, Principal of the college was the chairperson of the programme. Students and the staff exchanged their views.

2017-18

A Science fest was organized.

2018-19

National Science day is celebrated by the science departments. Dr. Anitha, Principal of the college was the chairperson of the programme. Students and the staff exchanged their views.

2019-20

An essay writing competition was conducted on the topic, Need of Scientific discoveries in human health. Molla Ayesha has won the first prize.

2020-21

On the occasion of National Science day a college level Quiz is Conducted. Students of BZC won the I prize.

2021-22

An online Quiz is conducted for the students of Sangareddy district participated in the event.



#### Achievements :

- Celebrating the days of importance.
- The importance of Science and technology was understood by the students

Soni

## Department of Chemistry

### Conducting activities for environmental awareness

**Objectives :** Developing environmental awareness among the students.

The following Lectures are arranged by the department-

1. Energy Conservation
2. Awareness Lecture on Environmental Pollution
3. Environment and Bio-Diversity
4. Aids Day rally
5. Say no to Plastic - Rally
6. Haritha haram
7. Swach Kalasala

### Achievements :

- The students participated with great interest
- Importance of green environment is felt by the students.



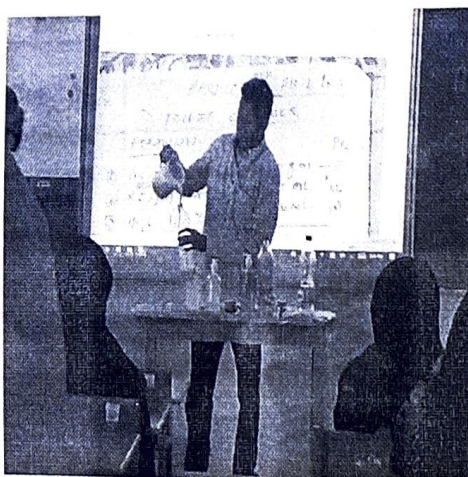
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## Department of Chemistry

### Preparation of chemicals for domestic use

**Objectives :** To provide chemical education to the women students and empower them to be self employed.

The department of Chemistry has started a certificate course in chemical preparation from the academic year 2019-20. The department in association with the City Academy, Mehabubnagar, started a training programme in the preparation of chemicals for the domestic use. Students are trained for 30days in the preparation of Handwash, cleaning soap, toilet soap, liquid detergent etc.



### Achievements :

- The students learned the necessary skills for the preparation of chemicals in commercial scale
- Students are also trained about the marketing strategies of the products.
- Students prepared the phenyl and supplied to the college for cleaning of the campus.