

**YA GOVERNMENT DEGREE COLLEGE FOR WOMEN, CHIRALA**

**DEPARTMENT OF CHEMISTRY**

**DEPARTMENTAL ACTIVITIES FOR THE ACADEMIC YEAR 2017-18**

<b>S.No.</b>	<b>Date</b>	<b>Name Of the Activity</b>
1.	9/08/2017	<i>Antinuclear day</i>
2.	16/09/2017	<i>World Ozone Day Celebrations</i>
3.	16/09/2017	<i>Vanammanam</i>
4.	22/09/2017	<i>One Day State Level Workshop on Chemistry Semester VI Syllabus</i>
5.	25/09/2017	<i>Visit to oldage home</i>
6.	01/11/2017	<i>Campus Cleaning</i>
7.	24/12/2017	<i>Soil analysis</i>
8.	23-01-2018	<i>Field trip at jocil company on soapmaking</i>
9	05/01/2018	<i>Guest lecture on determination of pesticides</i>
10.	05/01/2018	<i>Guest lecture on Dilute Solutions</i>

## ANTI NUCLEAR DAY

DATE: 29.08.2017

### **OBJECTIVE:**

The Anti nuclear day is observed on 29<sup>th</sup> August. It is celebrated to spread awareness among people about the devastating effects of testing nuclear weapons .

### **DESCRIPTION:**

The department of chemistry observed Anti nuclear day. The staff members of chemistry department participated in this programme. The incharge principal sri D. Venkaiah given his talk on Anti nuclear day.

### **OUTCOME:**

By conducting this event, the students understand the adverse effects of the nuclear weapons.



## OZONE DAY

**Date:16.09.2017**

### **OBJECTIVE:**

- 1.To create awareness about the importance of the ozone layer in protecting the life on the earth from ultraviolet radiation among students.
2. To create awareness among students about the need of preserving ozone layer.
- 3.To create awareness about the green house gases that destroy ozone layer.

### **DESCRIPTION:**

Rally was organized with students in chirala town to give awareness to the public about depletion of Ozone layer by giving slogans in the form of play cards 10:30 am-12:00 noon. To protect environment plantation was also done in college campus under Vanam Manam programme with **students** from 12 noon to 1 pm. Finally valedictory function was organized under the chairmanship of principal, staff of YAGDC (W) also attended the function.

### **OUTCOME:**

By conducting this event, students were learned about the importance of ozone layer and importance of plantation and Green house effect.



## One Day State Level Workshop on Chemistry semester-VI Syllabus

DATE: 22.09.2017

### **OBJECTIVE:**

The aim of conducting the workshop is to make the faculty members to discuss about the syllabus and to explore relevant frameworks.

### **DESCRIPTION:**

Delegates and students from different colleges are participated in this one day work shop. **DrB.RajendraKumar, AC College** Came as resource person from Guntur. Starting from 9am registration, 10 am inauguration, followed by lecture. Finally in valedictory function felicitation to the guests, certificate distribution to participants was done.

### **OUTCOME:**

By conducting the workshop the participants acquired the knowledge on the revised syllabus.







## VISIT TO OLDAGE HOME

DATE: 25.09.2017

### **OBJECTIVE:**

The main objective of the programme is to inculcate helping nature in the students. The students interacted with old people and came to know about their problems, which makes them to involve more in such kind of activities.

### **DESCRIPTION:**

The staff members and students of chemistry department visited oldage home. They distributed fruits to old people and differently abled persons.

### **OUTCOME:**

The students interacted with the old people and made them happy.





## CAMPUS CLEANING

DATE: 01.11.2017

### **OBJECTIVE:**

Cleaning the campus promotes hygiene and improves hygiene level in campus and helps to reduce spread of sickness. Campus cleaning encourages students in making bigger effort to maintain their environment.

### **OUTCOME:**

The students participated in this programme and came to know about the importance of clean environment and plantation.



## SOIL ANALYSIS

DATE: 24.12.2017

### **OBSERVATION:**

1. Soil testing refers to the chemical analysis of soils.
2. It includes testing of soil for properties like water holding capacity, pH, texture ,structure etc.
3. One of the objectives of soil tests is sort of the nutrient deficient areas from non-deficient areas.
4. The soil test aimed at soil fertility evaluation with resulting fertilizer recommendation is therefore the actual connecting link between the agronomic research and its practical application to the former field.
5. The national interest would be to obtain the maximum yields from the area under cultivation while the farmer's interest would be to obtain profitable yields and not necessarily the maximum yields.

### **DESCRIPTION:**

The chemistry department organized student field trip to potavaram village, vuppukunduru mandal on 24-12-2017.

**Number of students participated:-** 12 members

### **OUTCOME:-**

Students know about the minerals required for the soil and process of soil testing and required elements for the best soil.



## FIELD TRIP TO JOCIL COMPANY

DATE: 23.01.2018

### **OBSERVATION:**

1. Soap is the major consumable product after the vanaspathi ghee.
2. Soap is a salt of a fatty acid used in variety of cleaning and lubricant products. In industrial setting soaps are used as thickeners components of some lubricants and precursors to catalyst.
3. Soap is created by mixing facts and oils with a base as opposed to detergent which is created by combining chemical compounds in a mixer.
4. Saponification is a process that includes the conversion of oil into soap.

### **DESCRIPTION:**

Department of Chemistry Organized a Field Visit to Jocil Company (Soap Making) at Perecharla on 23-01-2018. Final year, II B.Sc. students participated in this Field Visit. The Resource person is Mr. Siva Prasad.

**Number of students participated:-** 42 members

**OUTCOME:-** Students learned the process and ingredients for the soap making and saponification process.





## GUEST LECTURE

Date: 05-01-2018

**TOPIC : DETERMINATION OF PESTICIDES**

**SPEAKER:**

Dr .T. RAJA RAJESWARI,

READER in Chemistry,

Government degree college for women(A),Guntur.

**OBJECTIVES:**

The main objective of this lecture is to know about the types of pesticides and methods to estimate the amount of pesticides.

**REPORT:**

The Department of chemistry arranged a Guest lecture to the students on Determination of pesticides. Dr. T. Raja Rajeswari, reader in chemistry of Govt college for women (A), Guntur acted as resource person.

#### OUTCOME:

Students could comprehend the subject and got all their questions answered.



## GUEST LECTURE

Date: 05-01-2018

TOPIC : DILUTE SOLUTIONS

SPEAKER:

Dr .K.P.P.R MOHAN REDDY,

Lecturer in chemistry

Bapatla Arts and Science college, Bapatla

OBJECTIVES:

The main objective of this lecture is to know about the Dilute solutions and colligative properties.

REPORT:

The Department of chemistry arranged a Guest lecture to the students on Dilute solutions. Dr. K.P.P.R Mohan Reddy, Lecturer in chemistry of Bapatla Arts and Science college, Bapatla acted as resource person.

#### OUTCOME:

Students could comprehend the subject and got all their questions answered.



