

Y.A GOVT COLLEGE FOR WOMEN, CHIRALA

Department of Chemistry

Departmental activities for the academic year 2023-24

| S.No. | Date | Name of the Activity |
|--------------|-------------|---|
| 1 | 24.07.2023 | Isolation and Estimation |
| 2. | 12.08.2023 | Field visit to Hitech Pharma |
| 3. | 28.11.2023 | Extraction and Estimation of Chlorophyll from different Leaves |
| 5. | 16. 12.2023 | Student Seminars |
| 6. | 27.02.2024 | Student Quiz |
| 7. | 28.05.2024 | Group Discussion |

Y.A GOVT COLLEGE FOR WOMEN, CHIRALA

Department of Chemistry

Name of the activity: Isolation And Estimation Of Carotenoids from Leaves by using photo colorimetry .

Date:24-07-2023

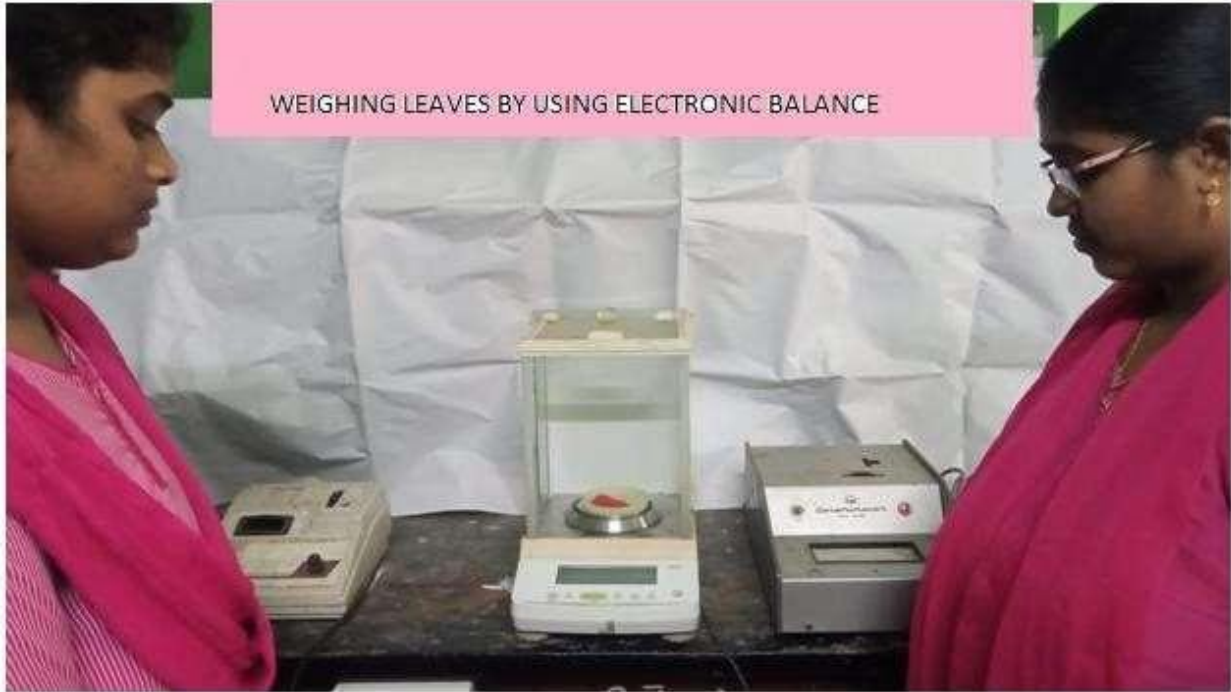
Description:In this activity students trained regarding instrumental methods of chemical analysis. In this activity we have chosen digital photo colorimeter .Estimated chlorophyll in weighed leaves of pisinia pulturima based on absorbance. We plotted graphs wavelength vs absorbance vali dated Beers Law.

Objective: To train the students in instrumental methods of chemical analysis.

Outcome: Students Trained Regarding Instrumental Methods Of Chemical Analysis

Number of students participated:11(3rd year BHC)





WEIGHING LEAVES BY USING ELECTRONIC BALANCE



GRINDING WEIGHED LEAVES WITH THE HELP OF MORTAR

Y.A GOVT COLLEGE FOR WOMEN, CHIRALA

Department of Chemistry

NAME OF THE ACTIVITY: INDUSTRIAL VISIT TO HIGH TECH PHARMA

DATE:12/08/23

DESCRIPTION:

Department Of Chemistry Arrange Industrial Visit For 1st BSc Students. To enrich the knowledge levels of students with respect to the industrial processes that is production and quality control and about the instruments used for those purpose and instrumental interpretations. This activity is relevant to the curriculum and enhance the employability.

OUTCOME:

This Industrial Visit enriched the knowledge levels of the students with respect to the Steps Production and quality control followed by different industries.

NUMBER OF STUDENTS PARTICIPATED: 20

NUMBER OF STAFF PARTICIPATED: 1



INDUSTRIAL VISIT TO HIGH TECH PHARMAATOMIC ABSORPTION SPECTROSCOPY USED IN QUALITY CONTROL.

Y.A GOVT COLLEGE FOR WOMEN, CHIRALA

Department of Chemistry

Extraction and estimation of chlorophyll from different leaves

Name of the activity: Extraction and estimation of chlorophyll from different leaves by using colorimetry.

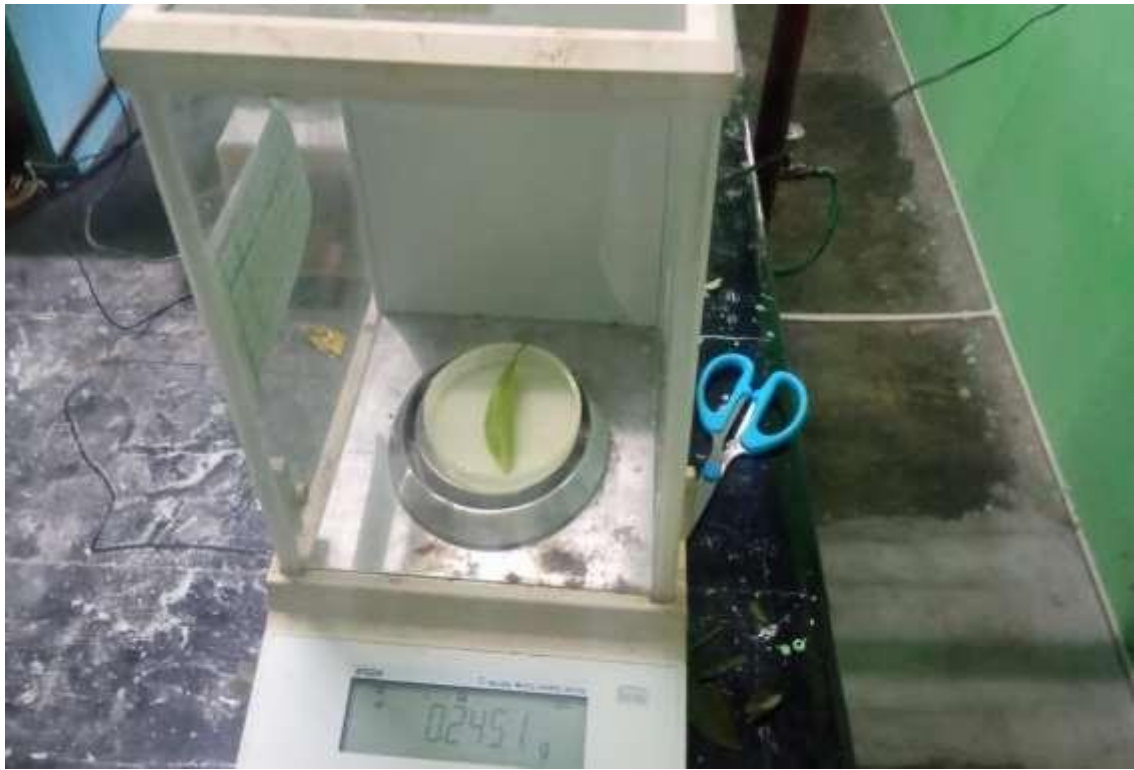
Date: 28-11-2023

Description: In this activity students trained regarding instrumental methods of chemical analysis. In this activity we have chosen digital colorimeter. Estimated chlorophyll in weighed leaves of different species based on absorbance. We plotted graphs wavelength vs absorbance.

Objective: To train the students in instrumental methods of chemical analysis.

Outcome: Students Trained Regarding Instrumental Methods Of Chemical Analysis

Number of students participated: 10 (3rd year MZC)





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Y.A GOVT COLLEGE FOR WOMEN, CHIRALA

Department of Chemistry

YA Government Degree College for Women, Chirala.

Department of Chemistry

STUDENT SEMINARS

DATE: 16.12.2023

VENUE: Virtual class room

OBJECTIVE:

Conducting of seminars to students has numerous benefits. By participating in a seminar, the students improve their communication skills, it helps in gaining expert knowledge of subject. Students are able to know, how to say and speak in an appropriate manner. Through appropriate questions, students will demonstrate the understanding of discussions. Seminar helps in gaining better insight into the subject.

DESCRIPTION:

The students of I-B.Sc have given their presentations using Power Point on the topics Langmuir adsorption isotherm, Molecular orbital Theory, Benzene and its reactivity etc.,

OUTCOME:

Students by participating in seminar, developed their speech and came to know the presentation of information in well-structured manner. Seminar developed the ability of students to evaluate and reflect the information.

No of students participated: 20 Students from I-B.Sc



Y.A GOVT COLLEGE FOR WOMEN, CHIRALA

Department of Chemistry

NAME OF THE ACTIVITY: Student Quiz

DATE: 27.02.2024

OBJECTIVE:

The main objective of conducting a quiz programme to students is to give break from traditional class room learning. It expands students learning, knowledge and helps in exploring new skills. It also helps the students to get an opportunity to improve their team work skills.

DESCRIPTION:

The Department of chemistry conducted a Quiz to the I- B.Sc [BZC, BHC, MZC, MBTC] students on the topic” Benzene and its Reactivity”. Firstly the students are divided in to four groups named as Electron, Proton, Neutron And Nucleus. The students participated actively in answering the questions. The students of Nucleus group got highest marks. They are appreciated by giving the pens.

OUTCOME:

By conducting quiz programme, it helps the students to practice existing knowledge by stimulating interest in learning about new subject matter. By answering the questions, the students will feel confident in presentation.

No of Students participated: 17



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Y.A GOVT COLLEGE FOR WOMEN, CHIRALA

Department of Chemistry

NAME OF THE ACTIVITY: Group Discussion

DATE: 28.05.2024

OBJECTIVE:

The objective of conducting Group discussion is to improve the students communication skills. The activity helps in gaining expert knowledge in subject and also the students learn how to say and speak in proper manner. It also helps in gaining better insight in to the subject.

DESCRIPTION:

The Department of chemistry conducted a Group Discussion to the II- B.Sc [BZC, BHC, MZC, MPC] students on the topic” Carbohydrates”. The students participated actively in The Group Discussion.

OUTCOME:

Students by participating in the Group Discussion developed their speech and came to know the presentation of information in well structured manner. Group Discussion developed the ability of students to evaluate and reflect the information.

No of Students participated: 41



