

Department of Chemistr

Activity –November, 2021

Student seminars

Objectives: Students gain the following skills through the process of seminars.

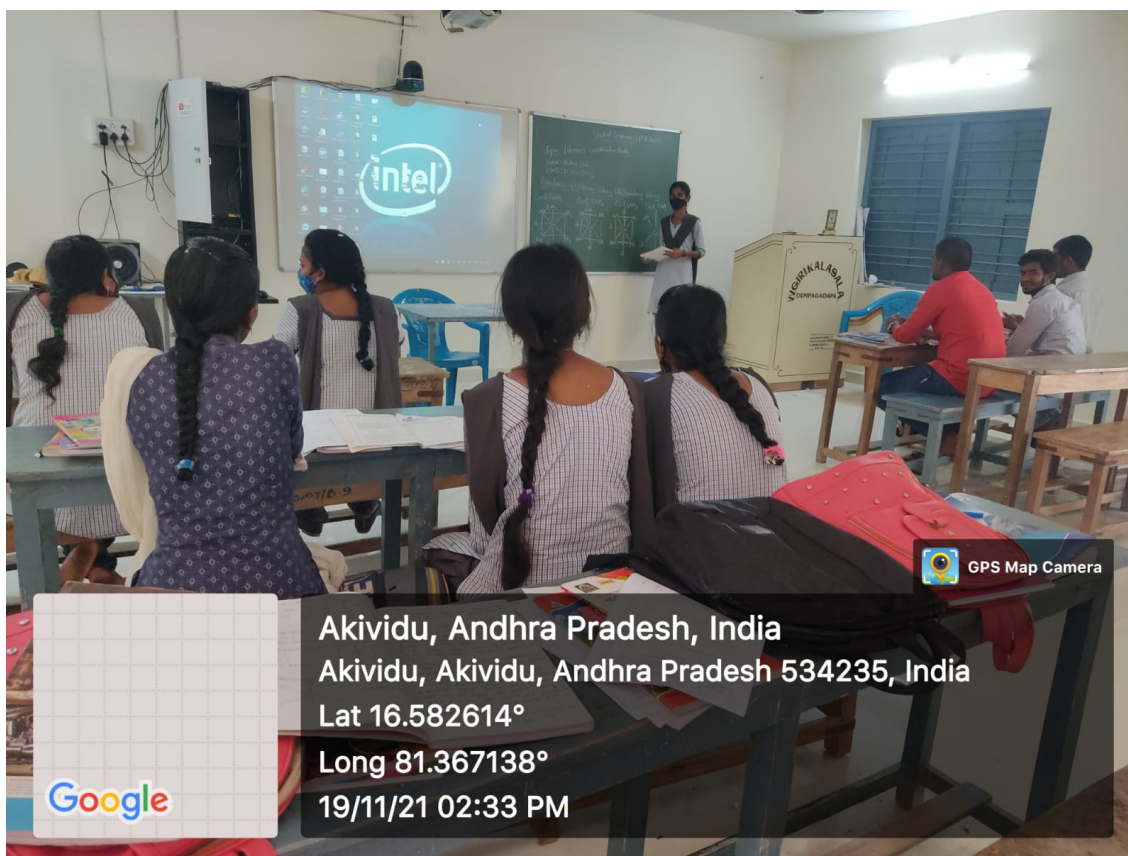
- To know presentation skills.
- To avoid the stage fear in the class room.
- To improve communication skills.
- To encourage the students to create interest on subject.

Outcomes:

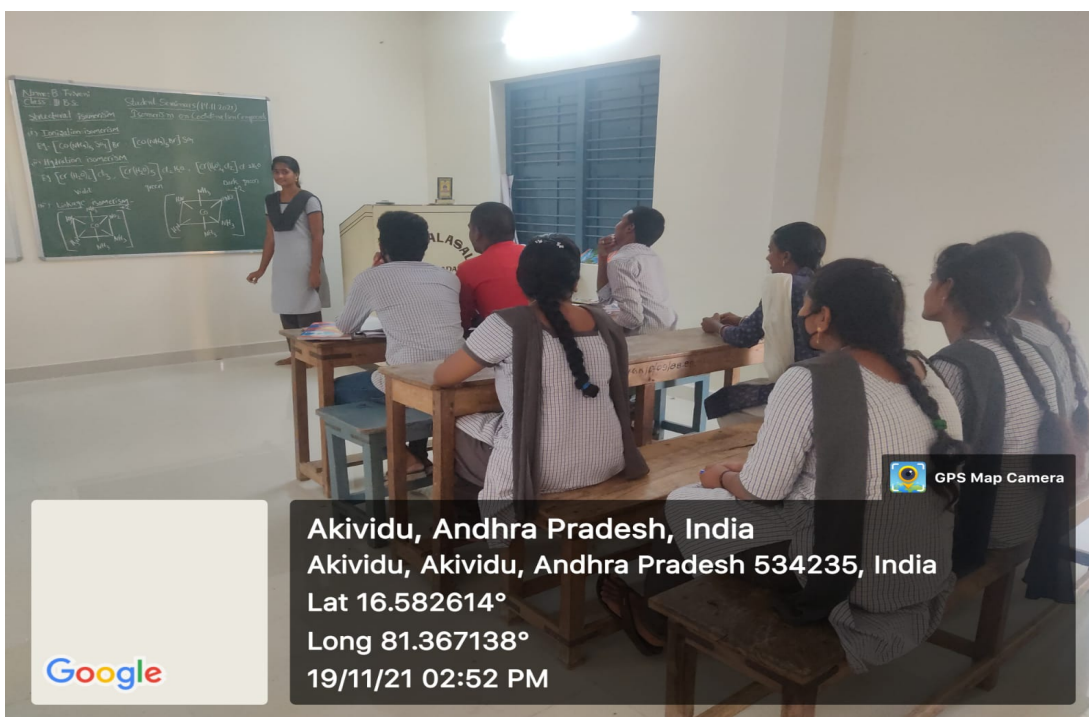
- Shy or reserved students find voice.
- Discussion helps to clarify students' own views.
- Students gain a clearer understanding of the text.
- Students are highly motivated to research and prepare for discussion.
- Group sharing provides a more in-depth understanding of the material.
- Asking questions and forming opinions for seminar leads students to a discovery of whom they are.
- Smaller group discussion allows exploration of texts that might not occur in classroom environment.
- Students are put at ease because seminars put each participant on even ground.

Student class room seminars conducted to the III.B.Sc
in the unit of Coordination chemistry on 19.11.2021

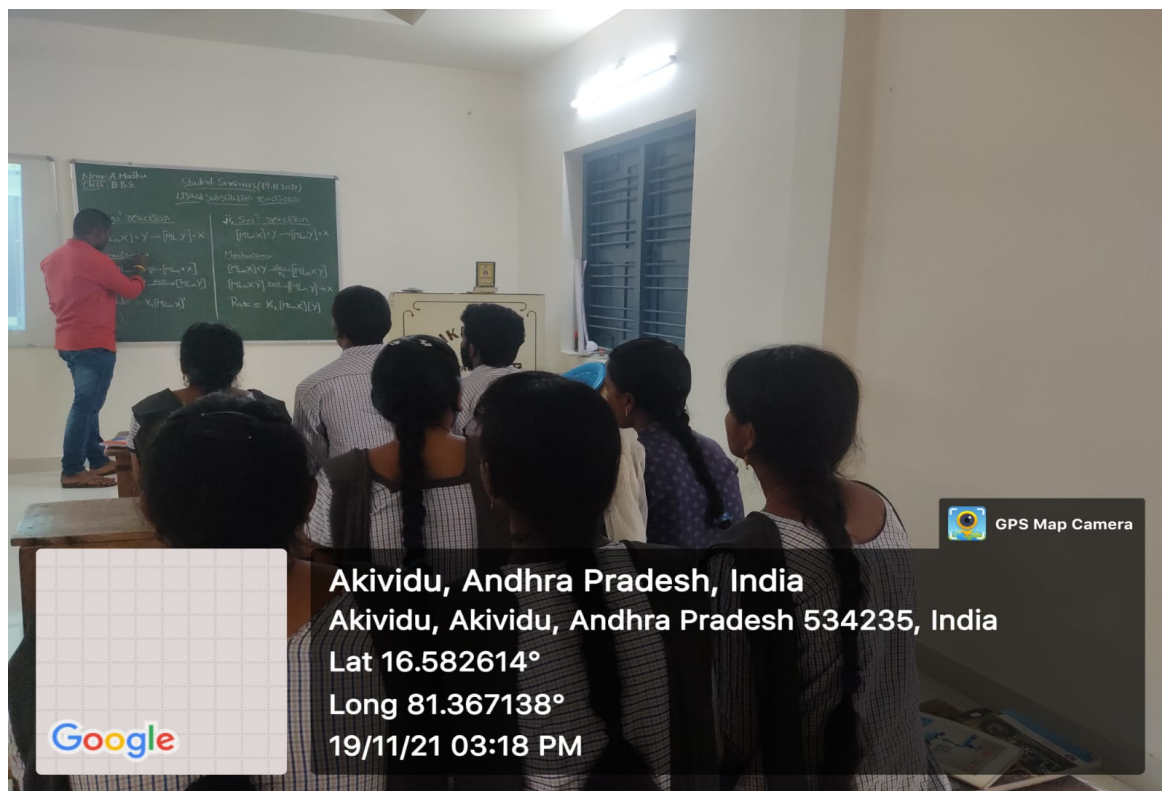
Topic: Werner's Coordination Theory



Topic: Isomerism on Coordination compounds



Topic: Ligand substitution Reactions in Metal complexes



A. Indira


Special Officer
V.V. Giri Government Kalasala
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Department of Chemistry

Activity –December, 2021

Quiz competition

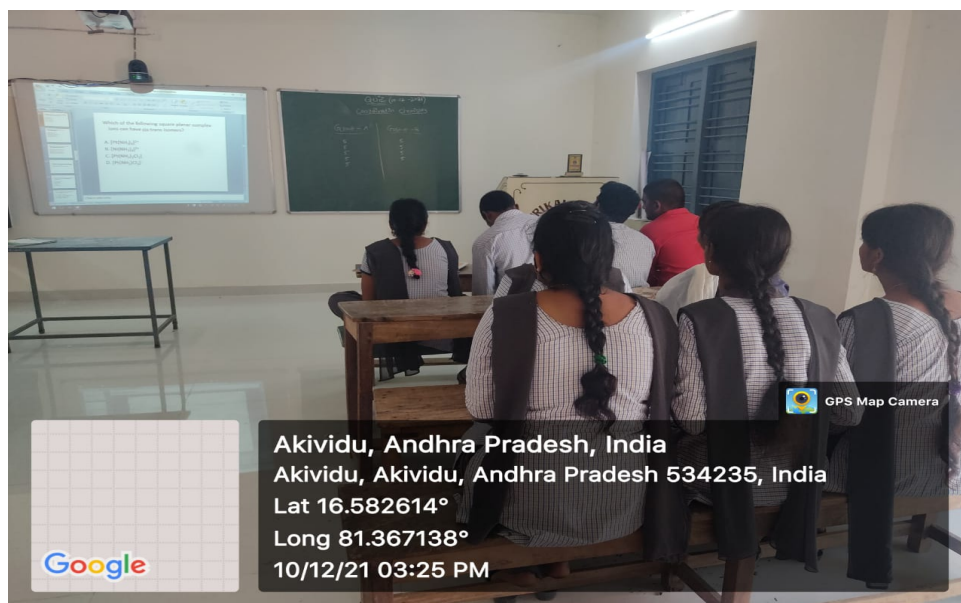
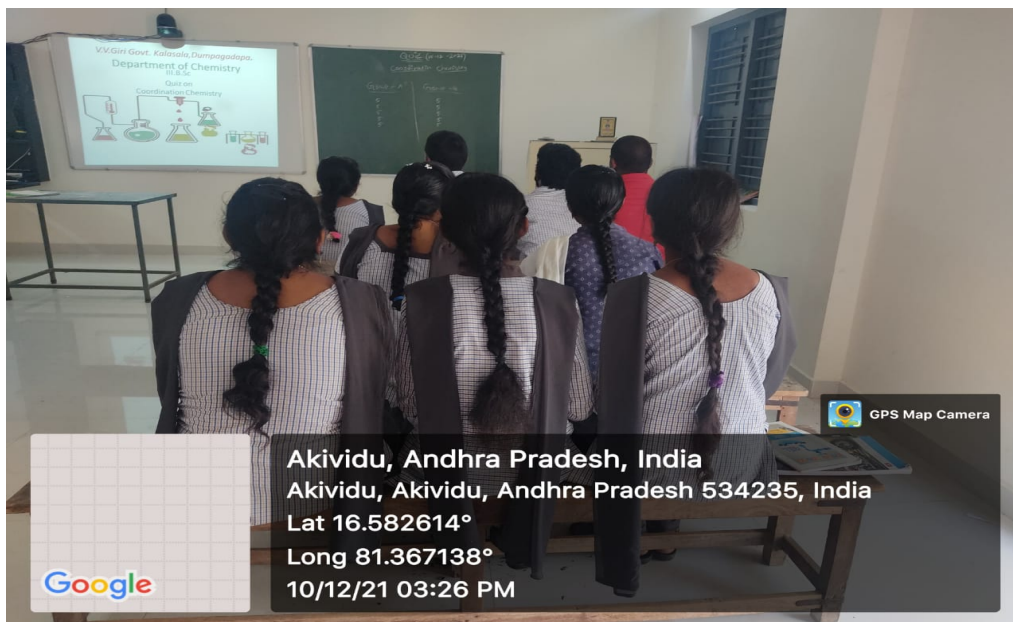
The Objective behind to organize Quiz competition is to evaluate the knowledge of the participants within academics as well as beyond academics and to make them familiar with the prospects of quizzes and the objectivity of the questions. The main purpose of the competition to develop interest in subject areas of chemistry including competitive aspects.

The Quiz competition will be on all of the following areas relating to coordination Chemistry.

- Nomenclature of coordination compounds.
- Werner's coordination theory.
- Crystal field splitting theory.
- Valence Bond theory.
- Isomerism of Coordination compounds

Quiz competition conducted to the final year students in Coordination chemistry on 10.12.2021

Topic: Coordination Chemistry



Report:

The students of III B.Sc MPC were actively participated in this quiz competition. Quiz on "Coordination chemistry" is very useful for attempt the M.Sc entrance and which is covered with competitive questions.

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Activity –January, 2022

Online Guest Lecture on “Introduction to Spectroscopy”

Objectives:

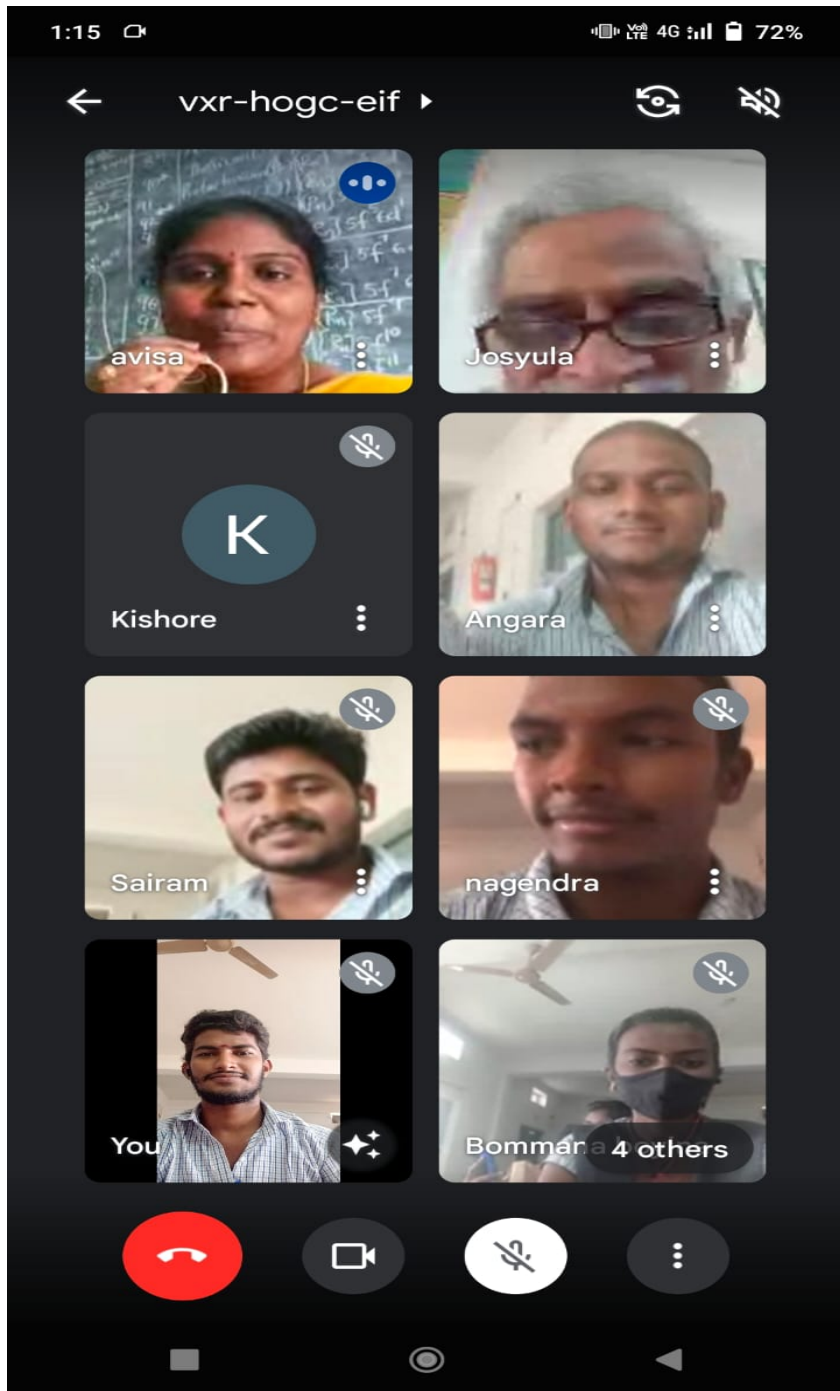
- To help students improve their learning in a more interactive, topic specific way.
- Guest lecturers can be used to make classes more approachable and appealing to students.
- To acquire more knowledge.

Topic: Online guest Lecture on “Introduction to Spectroscopy”

Class: III B.Sc & II B.Sc (MPC)

Date: 22-01-2022.

Resource person: Sri.J.NAGESWARA RAO,
Senior lecturer in Chemistry,
A.G & S.G.S.Degree College,Vuyyuru,Krishna (dt)



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Name of the activity: Industrial visit to K.C.P.Sugars & Industries Corporation Ltd, Vuyyuru, Krishna (dt).

Objective: To provide an exposure to the students about practical working environment and also good opportunity to gain full awareness about industrial practices and technologies.

Class: III B.Sc (MPC&MPCs)

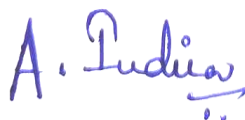
Date: 18-02-2022.

No.of students: 13



Description: Three staff members and 13 members of students were reached to K.C.P.Sugars & Industries Corporation Ltd, Vuyyuru, Krishna (dt).to at 10.30am on 18-02-2022.The students were learned the total process of making of sugar and undergone chemical reactions explained by the guide.

Outcome: Students can observe and learn as to how theoretical concepts are put to into action, there by aiding their practical learning.



Signature of the H.O.D



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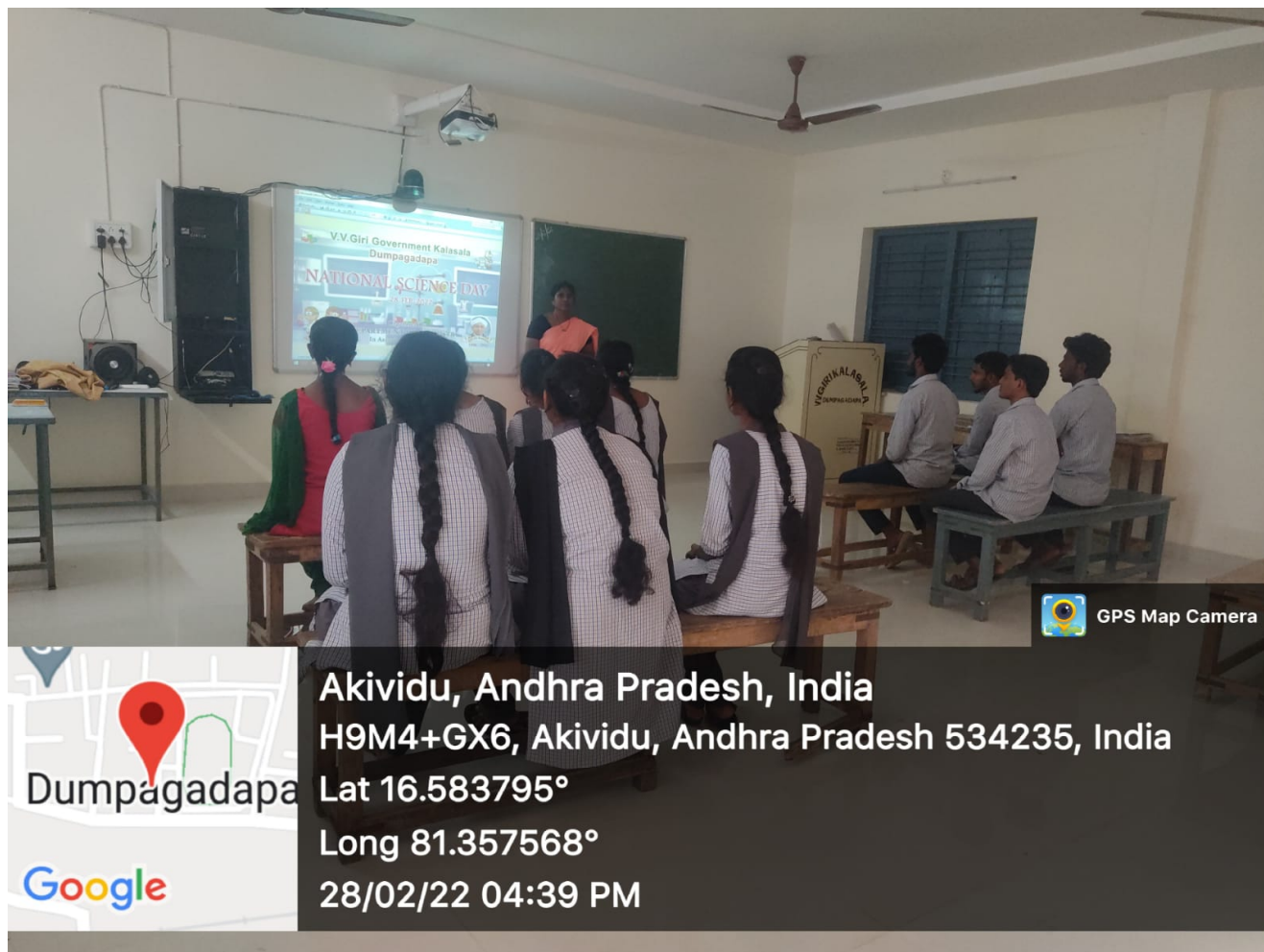
Name of the activity: Celebration of National Science Day-2022

Objective: To ignite an interest in science, inspire students and perform the new experiments and make them aware of the latest developments in science and technology.

Class: All B.Sc students

Date: 28-02-2022.

No.of students: 12



Description: Smt.A.Indira, Lecturer in Chemistry has given message on importance of National science day and biography of SIR C.V.RAMAN .

Outcome: Students can motivate, inspire and interest to do new science experiments.



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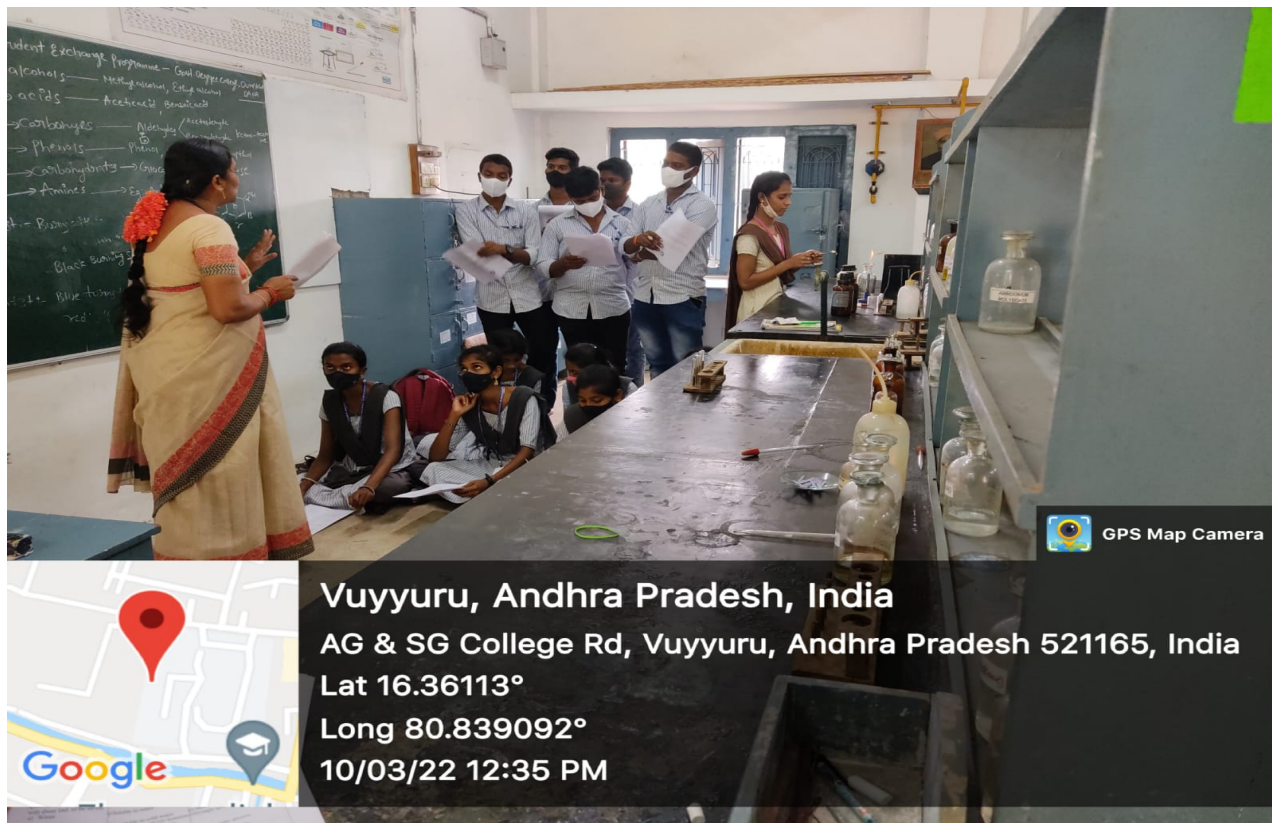
Name of the activity: Student Exchange program

Class: III B.Sc (MPC)

Name of the Lecturer: Smt.A.Indira

Date: 10-03-2022.

No.of students: 10



Objective: To enable the student learning at a whole different level.

Description: The Department of Chemistry of A.G&S.G.S.Degree College,Vuyyuru demonstrated the practical's of "Organic Functional group analysis" to our students which is present in the semester –V.

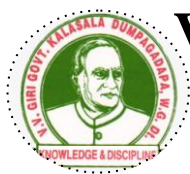
Outcome: Students can observe and learn as to how theoretical concepts are put to into action, there by aiding their practical learning.

A. Indira

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V.V GIRI GOVERNAMENT KALASALA

DUMPAGADAPA, WEST GODAVARI Dt. 534235



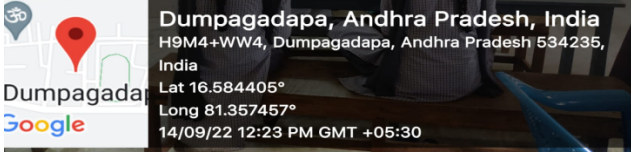
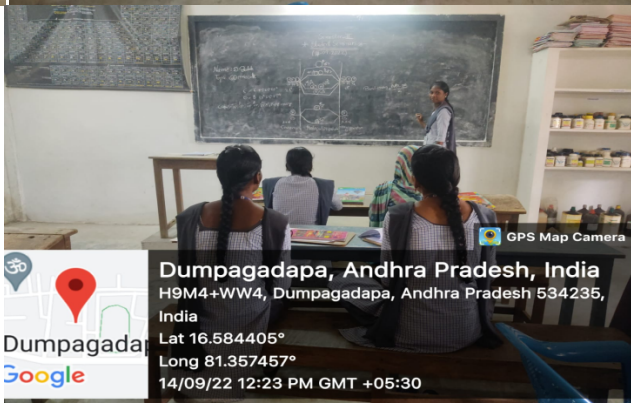
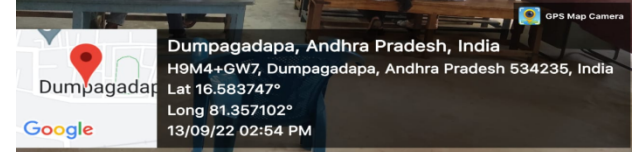
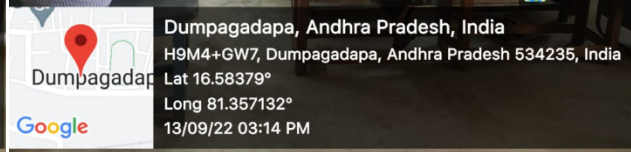
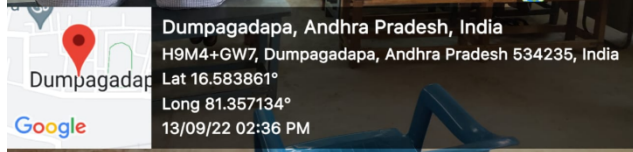
NAME OF THE ACTIVITY : **Student seminars**

ORGANIZED BY : **Department of Chemistry**

NAME OF LECTURER : **A.INDIRA**

DATE : **13-09-2022 & 14-09-2022**

NO. OF STUDENTS PARTICIPATED : **10(I.B.Sc M.P.C)**



OBJECTIVES OF THE ACTIVITY:

To acquirement of knowledge in particular field and learn latest information and new skills related concerned subject.

Seminar Topics:

1. M.O diagram of O₂ N₂, CO and NO molecules
2. Structures of Nickel tetra carbonyl and Trichloro fluoride.
3. E-Z isomerism.

A. Indira

Signature of the HOD/Lecturer

[Signature]
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Signature of the Principal



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NAME OF THE ACTIVITY : **World Ozone Day, 2022.**
ORGANIZED BY : **Department of Chemistry**
NAME OF LECTURER : **A.INDIRA**
DATE : **16-09-2022**
NO. OF STUDENTS PARTICIPATED : **35 (II.B.Sc M.P.C& M.P.Cs)**



OBJECTIVES OF THE ACTIVITY:

The day aims to create awareness about the importance and need of the Ozone layer which is the single protection on earth against UV rays coming out from the sun.

DISCRIPTION: Smt.A.Indira, Lecturer in Chemistry had given a lecture on importance of World Ozone Day and theme of this year to students. In this connection Essay writing and quiz conducted and prizes were distributed to the winners.

OUTCOMES:

This programme enriches the knowledge of students regarding revealed the importance of “World Ozone Day-2022”

Signature of the HOD

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