

GOVERNMENT DEGREE COLLEGE PADERU ASR DISTRICT -531024



STUDENT SEMINARS

2022-2023

**DEPARTMENT OF CHEMISTRY
GOVERNMENT DEGREE
COLLEGE PADERU**

**CHINTHA ANITHA
HOD OF CHEMISTRY
DEPARTMENT**



Government Degree College

Affiliated to Andhra University

(Upgraded to Model Degree College under RUSA 2.0)

Paderu, Alluri Sitharama Raju - District, AP.



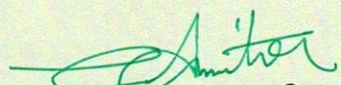
Est:1985 NAAC "C" Grade phone no: 08935 250013 Email.ID :Paderu.jkc@gmail.com.


DEPARTMENT OF CHEMISTRY

REPORT

STUDENT SEMINARS were conducted in the Department of Chemistry during the academic year 2022-23 in which many numbers of students have actively participated. The topics covered during the Student seminars and the names of the students who delivered the lecture are as shown below:-

S.No	Name of the student	Group	Topic	No. of students participated
1	K.SANDEEP	lii mpc	Green chemistry-principles of green chemistry	28
2	g.chandra sekhar naidu	lii mpc	Air pollution	28
3	p.prem kumar	lii mpc	Introduction of Bio diversity	28
4	b.jhansi	lii mpc	Water pollution	28
5	v.venkat rao	lii mpc	Water pollution- eutrophication	31
6	k.dhana Lakshmi	lii mpc	Green chemistry-solvents and auxiliaries	31
7	t.prakash naidu	lii mpc	Air pollution-bhopal gas tragedy	31
8	Ch.sarojini devi	li mpc	Carbonyl compounds – named reactions	32
9	t.kanthu babu naidu	li cbz	Types of carbonyl compounds	32
10	r.sandhya rani	li cbz	Carbonyl compounds preparation reactions	32
11	o.ajay	li cbz	Carbonyl compounds chemical reactions	32
12	m.hemanth Prasanna kumar	li cbz	Phenols preparation reactions	34
13	j.sridevik.	li cbz	Benzil benlic acid rearrangements	34
14	v.sangeetha	li cbz	Carboxylic acids: arndt Eistert synthesis	38
15	jaga Jeevan naidu	iicbz	Carboxylic acids preparation reactions	38
17	k.pujitha	li mpc	Spectroscopy introduction	34


Signature of the Course Coordinator


Signature of the principal

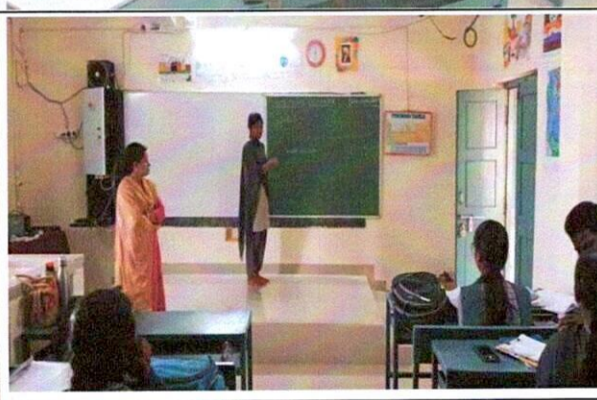
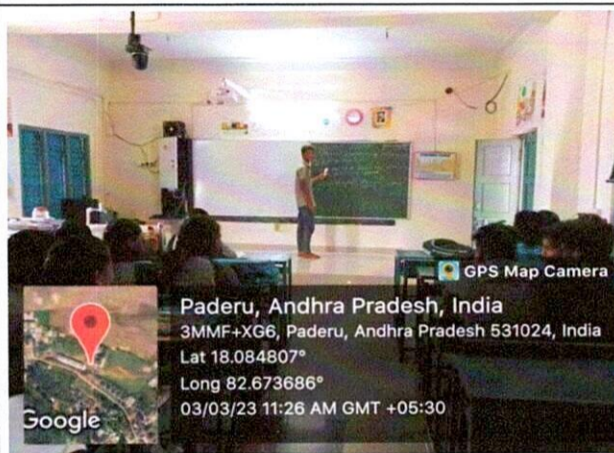


Principal
Govt. Degree College
PADERU-531024
Alluri Sitharama Raju Dist.

DEPARTMENT OF CHEMISTRY: STUDENT SEMINAR 2022-2023:
GOVT.DEGREE COLLEGE,PADERU, ASR DIST. PIN-531024

ACADEMIC YEAR: 2022-2023

Date of Activity	03/03/2023
Name of the Activity	STUDENT SEMINAR
Department/Subject that organized the Activity	CHEMISTRY
Description of the Activity	1.M.HEMANTH PRASANNA KUMAR II MPC, gave a seminar on Phenols preparation reactions. 2. K.PUJITHA II MPC,gave a seminar on spectroscopy introduction. 3. J.SRIDEVI II MPC, gave a seminar on Benzil – Benzilic acid rearrangement.
No. of students participated	34
Name of the Lecturer who planned and conducted the Activity	CHINTHA ANITHA
Student signature	



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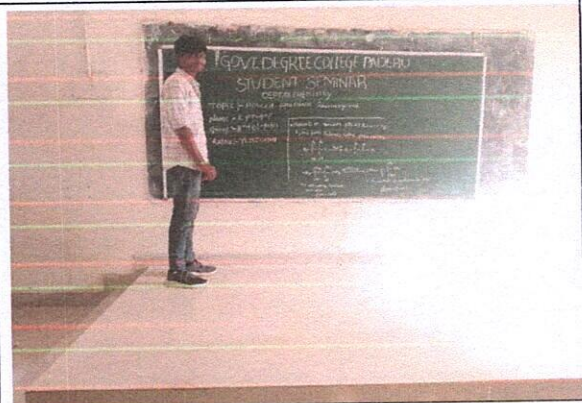
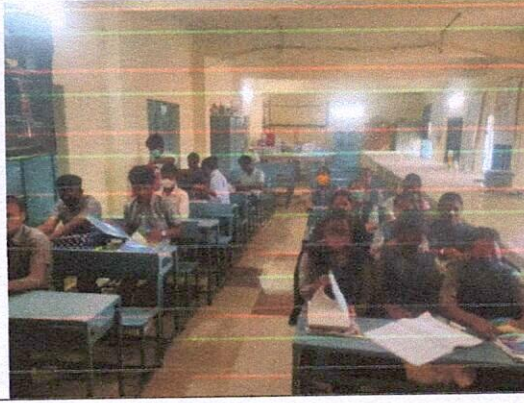
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Signature of the Course Coordinator

Signature of the principal
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DEPARTMENT OF CHEMISTRY: ACTIVITY REGISTER 2022-2023:
GOVT.DEGREE COLLEGE,PADERU, ASR DIST. PIN-531024

ACADEMIC YEAR: 2022-2023

Date of Activity	09/09/22
Name of the Activity	Student Seminar
Department/Subject that organized the Activity	Chemistry
Description of the Activity	K.Pradeep II MPC Student gave a seminar on Hydroxy Compounds-Poly Hydroxy Compounds: Pinacol-Pinacolone Rearrangement reaction-Mechanism
If Interdepartmental Activity, Mention the Departments/Subjects involved	
No. of students participated	41
Name of the Lecturer who planned and conducted the Activity	Kum. Ch .Anitha
Video link of the activity	
Photos of the activity (pdf/jpg format only)	
	

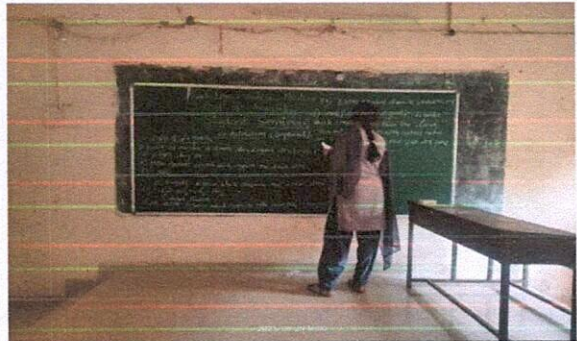
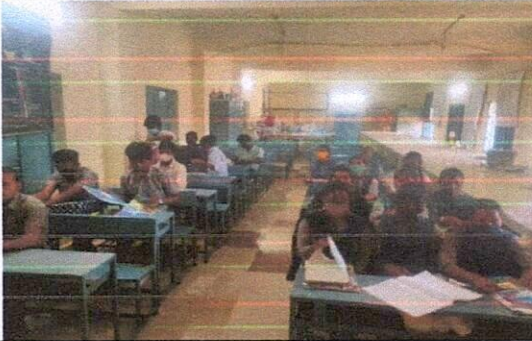
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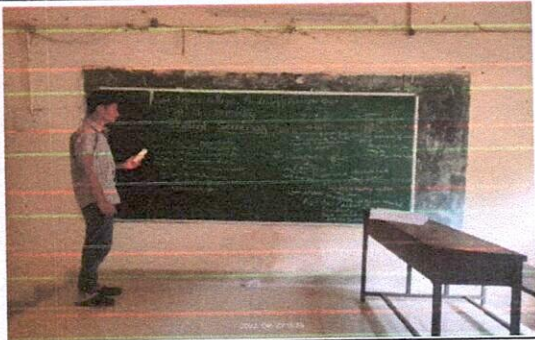
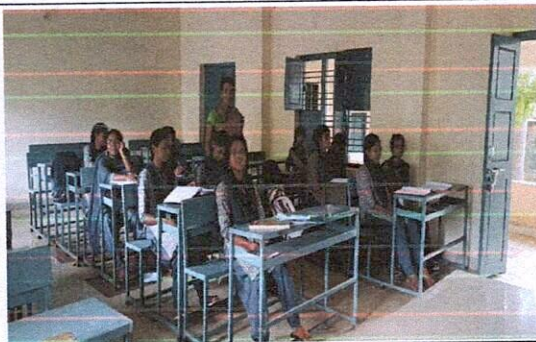
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ACADEMIC YEAR: 2022-2023

Date of Activity	24/08/22
Name of the Activity	Student Seminar
Department/Subject that organized the Activity	Chemistry
Description of the Activity	R.Sandhya Rani II CBZ Student gave a seminar on Coordination Compounds-Types Of Ligands: I. Based on charge II. Based on number of donor sites III. Ambidentate ligands IV. Chelate ligands V. Bridge ligands
If Interdepartmental Activity, Mention the Departments/Subjects involved	
No. of students participated	39
Name of the Lecturer who planned and conducted the Activity	P.VIJAYA LAKSHMI
Video link of the activity	
Photos of the activity (pdf/jpg format only)	
	
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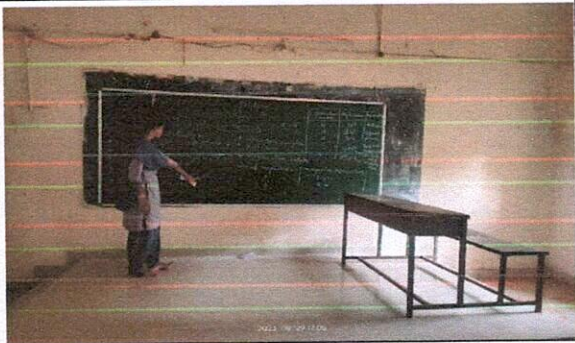
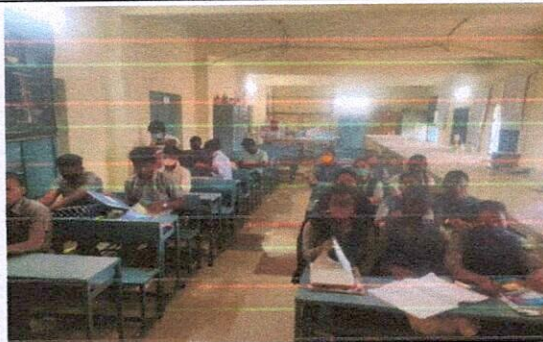
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ACADEMIC YEAR: 2022-20223

Date of Activity	06/09/22
Name of the Activity	Student Seminar
Department/Subject that organized the Activity	Chemistry
Description of the Activity	M.Hemanth Prasannakumar II MPC student gave a seminar on Debye-Hackle-Onsager Theory of strong electrolytes: I. Relaxation effect II. Electro Phoretic Effect Debye- Hackle- Onsager equation
If Interdepartmental Activity, Mention the Departments/Subjects involved	
No. of students participated	40
Name of the Lecturer who planned and conducted the Activity	P.VIJAYA LAKSHMI
Video link of the activity	
Photos of the activity (pdf/jpg format only)	
	
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ACADEMIC YEAR: 2022-2023

Date of Activity	03/08/22
Name of the Activity	Student Seminar
Department/Subject that organized the Activity	Chemistry
Description of the Activity	K.Nagamani II MPC Student gave a seminar on Valence Bond Theory of Coordination Compounds: Postulates, Applications and Limitations
If Interdepartmental Activity, Mention the Departments/Subjects involved	
No. of students participated	38
Name of the Lecturer who planned and conducted the Activity	P.VIJAYA LAKSHMI
Video link of the activity	
Photos of the activity (pdf/jpg format only)	
	

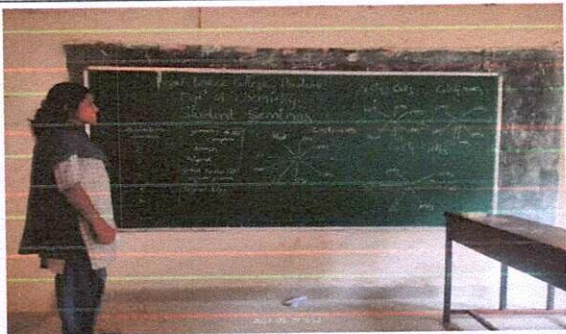
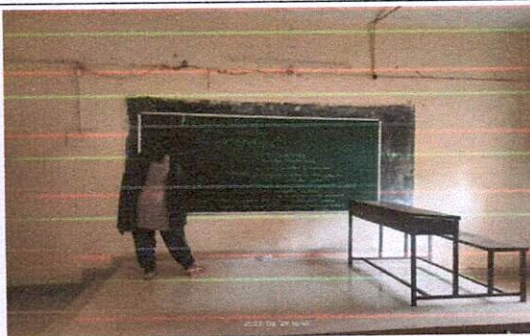
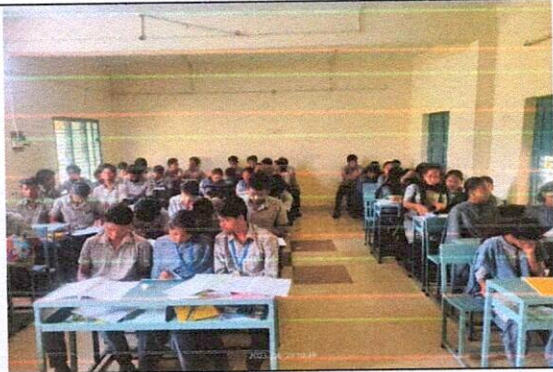
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ACADEMIC YEAR: 2022-2023

Date of Activity	22/08/22
Name of the Activity	Student Seminar
Department/Subject that organized the Activity	Chemistry
Description of the Activity	S.Santhi Baby II MPC student gave a seminar on Werner's Theory of Coordination Compounds: I. Primary Valence II. Secondary Valence Structures of Cobalt Complexes
If Interdepartmental Activity, Mention the Departments/Subjects involved	
No. of students participated	39
Name of the Lecturer who planned and conducted the Activity	P.VIJAYA LAKSHMI
Video link of the activity	
Photos of the activity (pdf/jpg format only)	
	
	

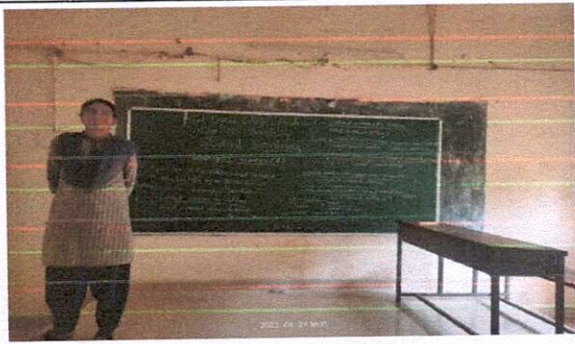
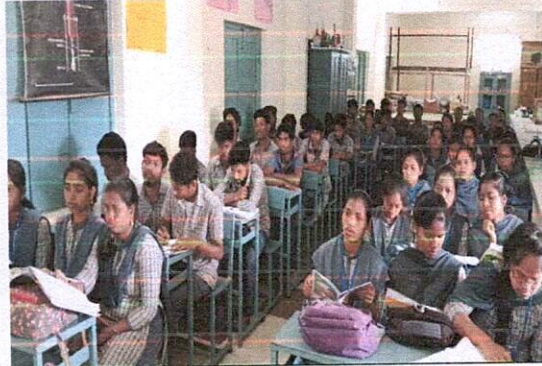
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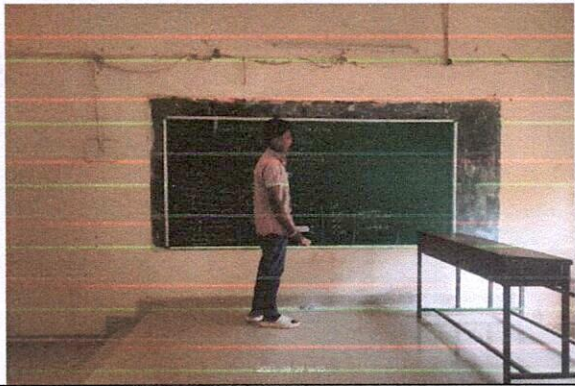

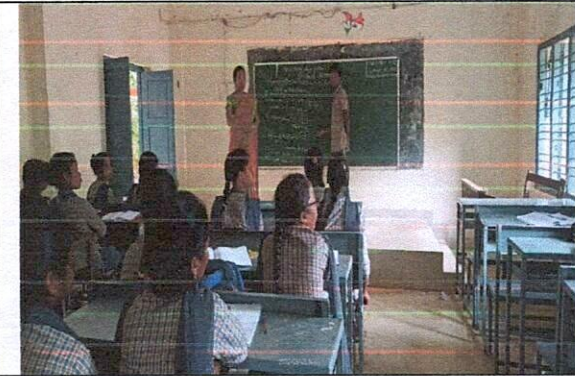
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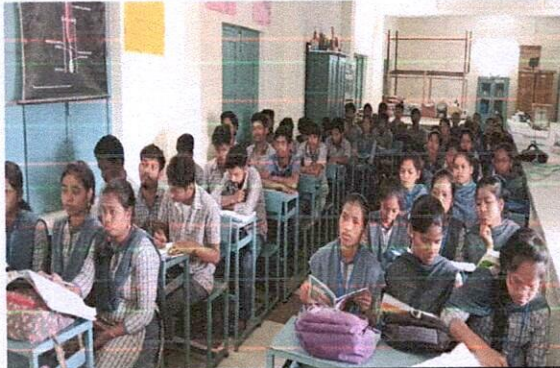
ACADEMIC YEAR: 2022-2023

Date of Activity	30/08/23
Name of the Activity	Student Seminar
Department/Subject that organized the Activity	Chemistry
Description of the Activity	P.Krupa II MPC Student gave a seminar on Transport Number: Cation Transport Number, Anion Transport Number, Derivation of transport number by using Hittorf Apparatus
If Interdepartmental Activity, Mention the Departments/Subjects involved	
No. of students participated	44
Name of the Lecturer who planned and conducted the Activity	P.VIJAYA LAKSHMI
Video link of the activity	
Photos of the activity (pdf/jpg format only)	
	
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ACADEMIC YEAR: 2022-2023

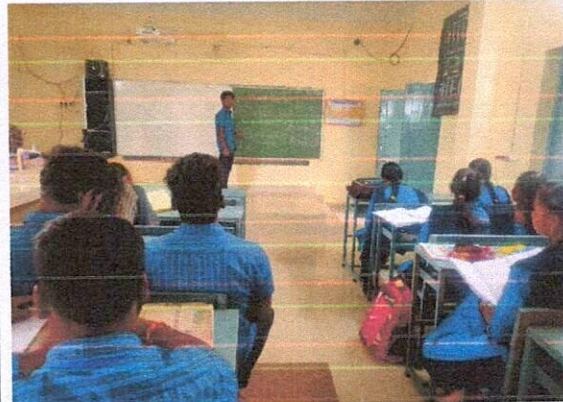
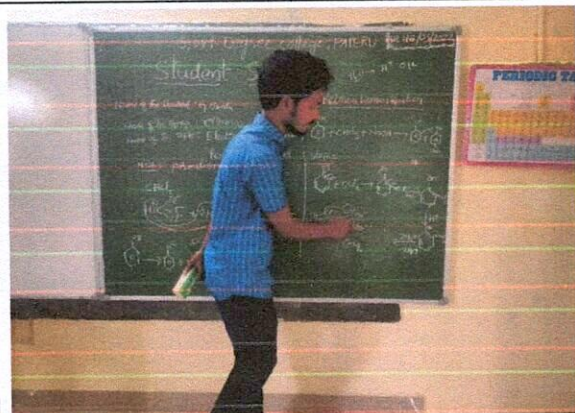
Date of Activity	28/07/22
Name of the Activity	Student Seminar
Department/Subject that organized the Activity	Chemistry
Description of the Activity	L.Gani Kiran II MPC Student gave a seminar on Valence Bond Theory of Coordination Compounds: Postulates, Applications and Limitations
If Interdepartmental Activity, Mention the Departments/Subjects involved	
No. of students participated	42
Name of the Lecturer who planned and conducted the Activity	P.VIJAYA LAKSHMI
Video link of the activity	
Photos of the activity (pdf/jpg format only)	
	
	
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<i>ACADEMIC YEAR: 2022-2023</i>	
Date of Activity	01/09/22
Name of the Activity	Student Seminar
Department/Subject that organized the Activity	Chemistry
Description of the Activity	P.Madhuri ,II CBZ Student gave a seminar on Electrophilic substitution reactions of Benzene
If Interdepartmental Activity, Mention the Departments/Subjects involved	
No. of students participated	40
Name of the Lecturer who planned and conducted the Activity	P.VIJAYA LAKSHMI
Video link of the activity	
Photos of the activity (pdf/jpg format only)	
	
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ACADEMIC YEAR: 2022-2023

Date of Activity	28/07/22
Name of the Activity	Student Seminar
Department/Subject that organized the Activity	Chemistry
Description of the Activity	G.Chandra Sekhar Naidu,III CBZ Student gave a seminar on Reimar-Tieman reaction and its mechanism
If Interdepartmental Activity, Mention the Departments/Subjects involved	
No. of students participated	42
Name of the Lecturer who planned and conducted the Activity	P.VIJAYA LAKSHMI
Video link of the activity	
Photos of the activity (pdf/jpg format only)	



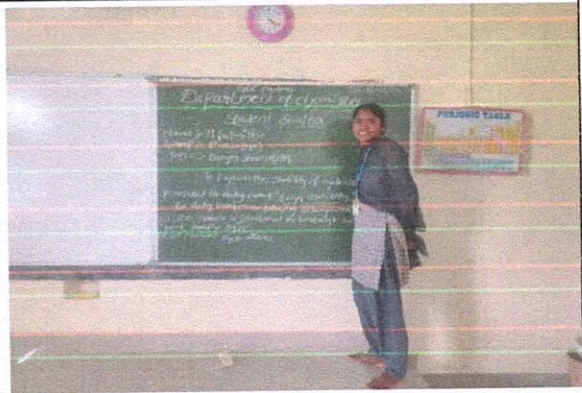
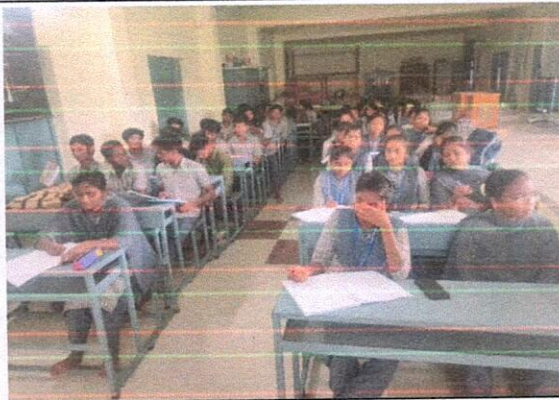

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ACADEMIC YEAR: 2022-2023

Date of Activity	18/08/22
Name of the Activity	Student Seminar
Department/Subject that organized the Activity	Chemistry
Description of the Activity	M.Susmitha II MPC Student gave a seminar on Cyclo alkanes- Stability, Bayer Strain Theory, Angle Strain ,limitations,Sacshe-Mohr Theory, Chair and Boat forms
If Interdepartmental Activity, Mention the Departments/Subjects involved	
No. of students participated	37
Name of the Lecturer who planned and conducted the Activity	P.VIJAYA LAKSHMI
Video link of the activity	
Photos of the activity (pdf/jpg format only)	
	
	

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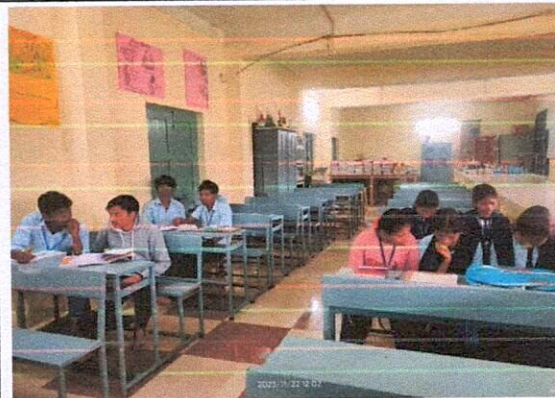
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ACADEMIC YEAR: 2022-2023

Date of Activity	20/03/23
Name of the Activity	Student Seminar
Department/Subject that organized the Activity	Chemistry
Description of the Activity	V.ESWARA Rao,I MPC Student gave a seminar on Inter Halogen Compounds- preparation,structures
If Interdepartmental Activity, Mention the Departments/Subjects involved	
No. of students participated	12
Name of the Lecturer who planned and conducted the Activity	P.VIJAYA LAKSHMI
Video link of the activity	
Photos of the activity (pdf/jpg format only)	



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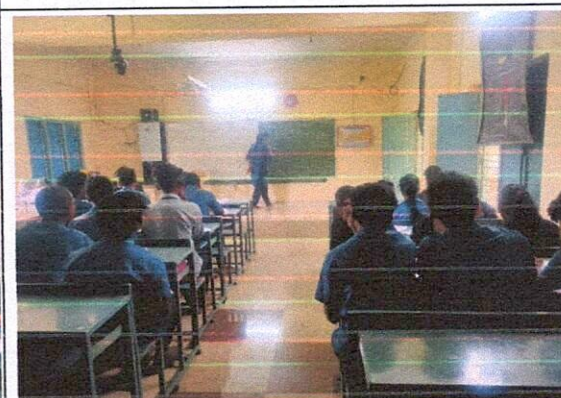
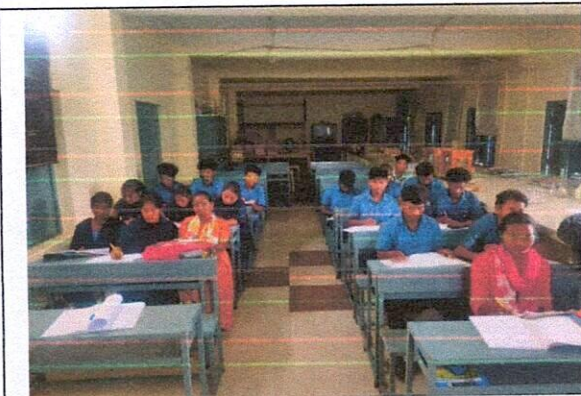
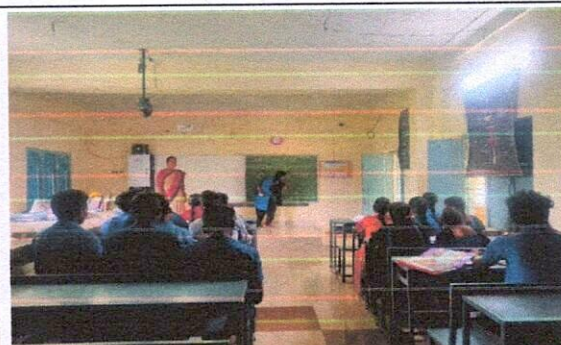
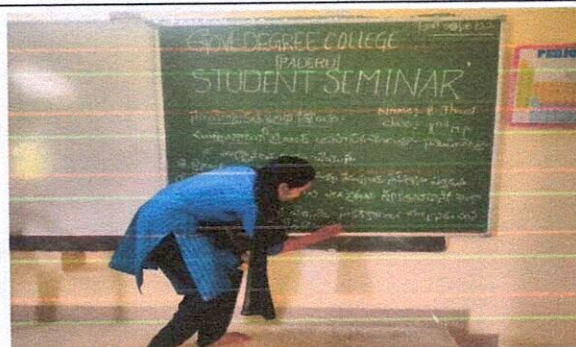
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ACADEMIC YEAR: 2022-2023

Date of Activity	03/08/22
Name of the Activity	Student Seminar
Department/Subject that organized the Activity	Chemistry
Description of the Activity	B.Jhansi III MPC Student gave a seminar on Valence Bond Theory of Coordination Compounds: Postulates, Applications and Limitations
If Interdepartmental Activity, Mention the Departments/Subjects involved	
No. of students participated	42
Name of the Lecturer who planned and conducted the Activity	P.VIJAYA LAKSHMI
Video link of the activity	
Photos of the activity (pdf/jpg format only)	



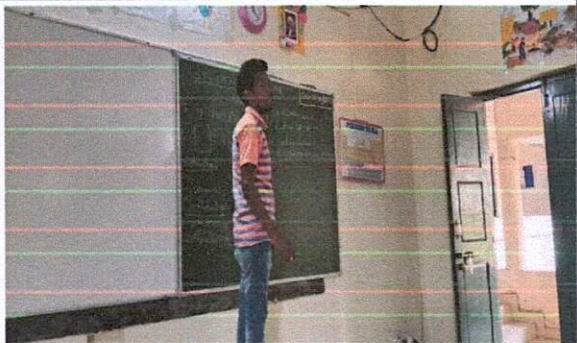
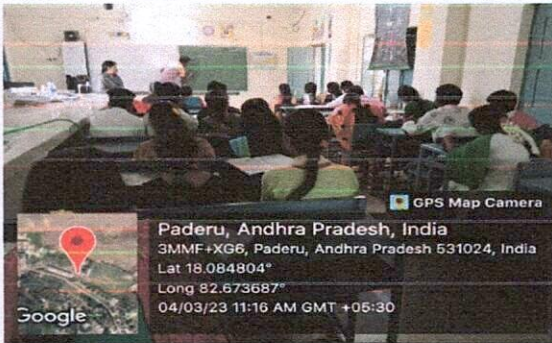

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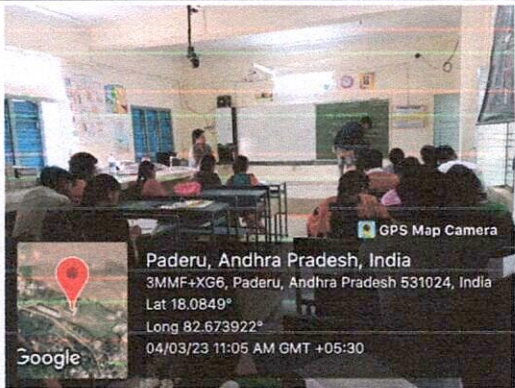
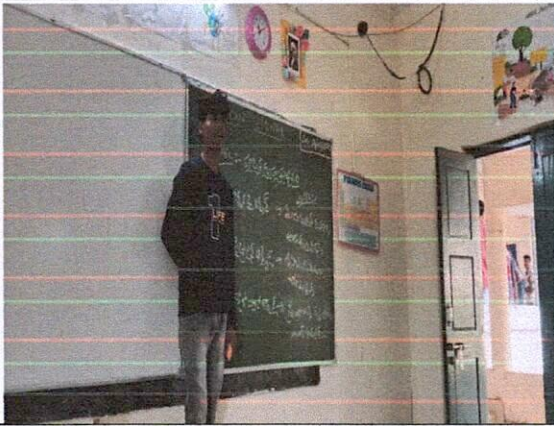

Date of Activity	04/03/223
Name of the Activity	Student Seminar
Department/Subject that organized the Activity	Chemistry
Description of the Activity	V.Gopala Naidu III CBZ student gave a seminar on preparation of nanoparticles-Top-Down method
If Interdepartmental Activity, Mention the Departments/Subjects involved	
No. of students participated	42
Name of the Lecturer who planned and conducted the Activity	Ch.Anitha
Video link of the activity	
Photos of the activity (pdf/jpg format only)	
	
	

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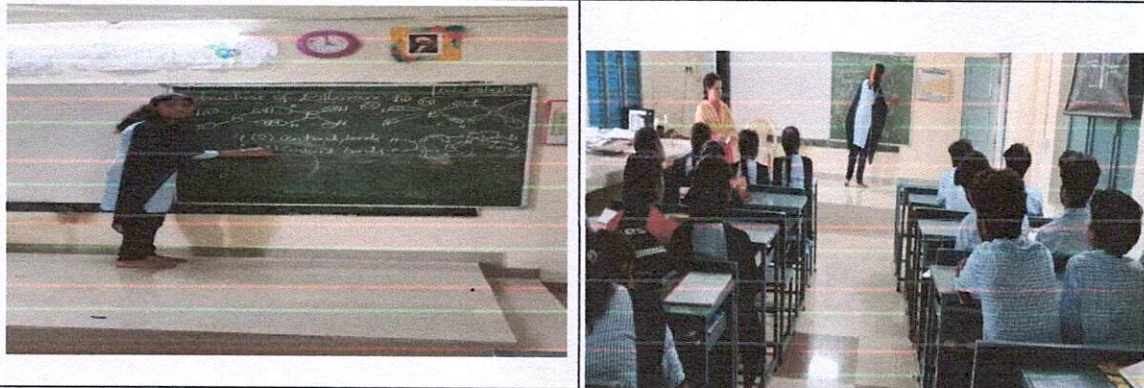
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<i>ACADEMIC YEAR: 2022-2023</i>	
Date of Activity	04/03/23
Name of the Activity	Student Seminar
Department/Subject that organized the Activity	Chemistry
Description of the Activity	K.Pradeep III MPC Student gave a seminar on Green House Effect-Causes and its consequences, control measures
If Interdepartmental Activity, Mention the Departments/Subjects involved	
No. of students participated	42
Name of the Lecturer who planned and conducted the Activity	P.VIJAYA LAKSHMI
Video link of the activity	
Photos of the activity (pdf/jpg format only)	
	
	
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DEPARTMENT OF CHEMISTRY: ACTIVITY REGISTER 2022-2023: GOVT.DEGREE COLLEGE,PADERU, ASR DIST. PIN-531024

ACADEMIC YEAR: 2022-2023

Date of Activity	20/03/23
Name of the Activity	Student Seminar
Department/Subject that organized the Activity	Chemistry
Description of the Activity	Ch.Anitha, I MPC Student gave a seminar on Di Borane-Preparation,structure and properties
If Interdepartmental Activity, Mention the Departments/Subjects involved	
No. of students participated	42
Name of the Lecturer who planned and conducted the Activity	Ch.Anitha
Video link of the activity	
Photos of the activity (pdf/jpg format only)	

Our Motto, "Leave No One Behind"

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