

# **RAJEEV GANDHI GOVT. P.G. COLLEGE, AMBIKAPUR, SURGUJA (C.G.)**

## **Chemistry Department**

### **Departmental Activity Report**

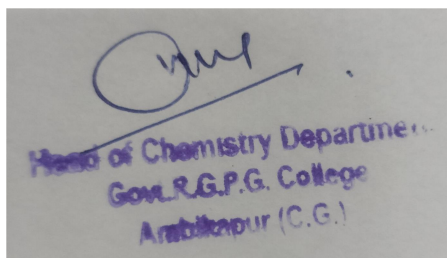
**Period: [Session 2019-20 to 2023-24]**

#### **Introduction:**

**The Chemistry Department has had a productive last five years, with numerous achievements in teaching, research, and community service. This report highlights our key activities and accomplishments.**

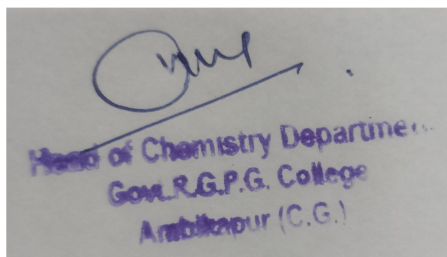
#### **Teaching and Learning:**

- 1. Courses Offered: undergraduate with honours and postgraduate courses.**
- 2. Seat allocation: 400 for undergraduate and 30 postgraduate for each semester.**
- 3. New Curriculum Development: Introduced a revised chemistry curriculum aligned with NEP 2020.**



## **Research and Development:**

- 1. Publications: 02 research papers in international journals.**
- 2. Presentations: 05 international conference presentations by faculty**
- 3. Number of Orientation courses pursued - 03**
- 4. Number of Refresher courses pursued - 03**
- 5. Number of faculty development courses pursued- 08**
- 6. International conference participation by faculties- 10**
- 7. National conference participation by faculties: 05**
- 8. Book chapters: international - 4, National- 1**



## **Community Service:**

### **Outreach Programs:**

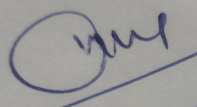
**1. One day sanitation activity and awareness camp in Khaliba village:  
13th August 2019**

**17 students of M.Sc. Chemistry 1st semester volunteered the awareness campaign and participated in sanitation and disposal of non biodegradable plastic waste .**



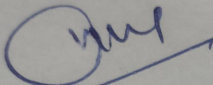
(मुलिया)



  
Head of Chemistry Department  
Govt. R.G.P.G. College  
Ambikapur (C.G.)





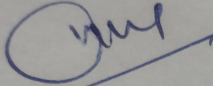
  
Head of Chemistry Department  
Govt. R.G.P.G. College  
Ambikapur (C.G.)



## 2. Gender Sensitisation and women empowerment campaign in Bishunpur Village: 18th September 2019

With the purpose of awareness towards gender equality and women empowerment in rural tribal region one day campaign was volunteered by 21 students of M.Sc. chemistry 3rd semester.

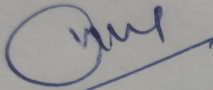


  
Head of Chemistry Department  
Govt. R.G.P.G. College  
Ambikapur (C.G.)

## 3. Voter Awareness campaign for forthcoming panchayat election in Digma village : 14th January 2020

**With 16 volunteers of M. Sc. 2nd semester one day voter awareness campaign for maximum electoral participation in the next panchayat election was conducted in Digma village.**



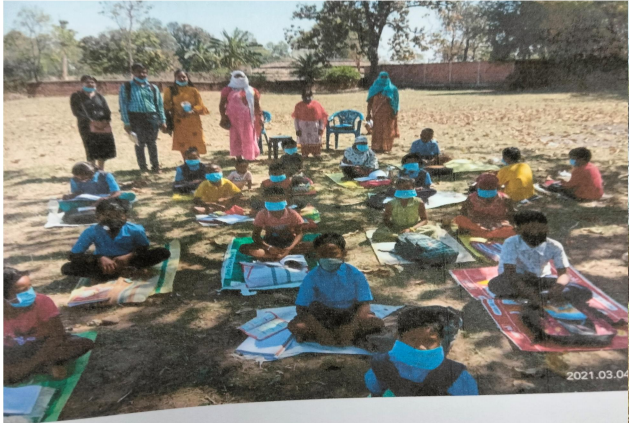
  
Head of Chemistry Department  
Govt. R.G.P.G. College  
Ambikapur (C.G.)

**4. COVID 19 awareness campaign and mask distribution in Digma and Kalyanpur village: ( 29th february and 4th March 2021)**

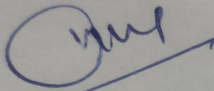
**With 11 volunteers in Kalyanpur on 26th August and 9 volunteers in Digma on 5th September 2020, awareness campaign towards**

**prevention from COVID 19, proper sanitisation method and mask distribution was conducted in collaboration with youth red cross society.**





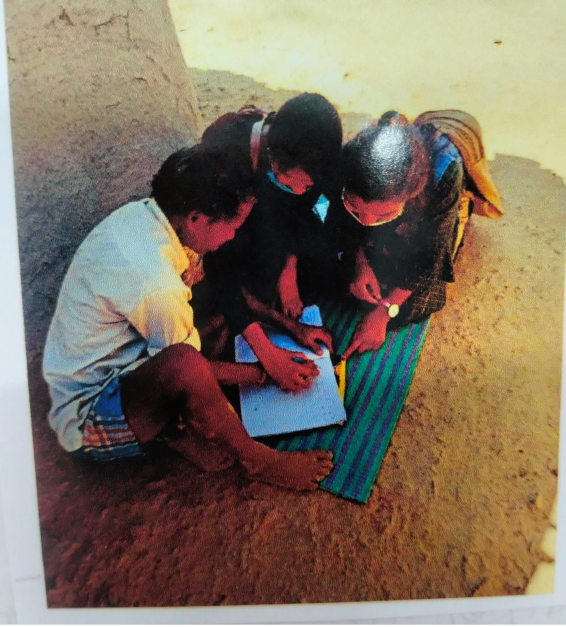
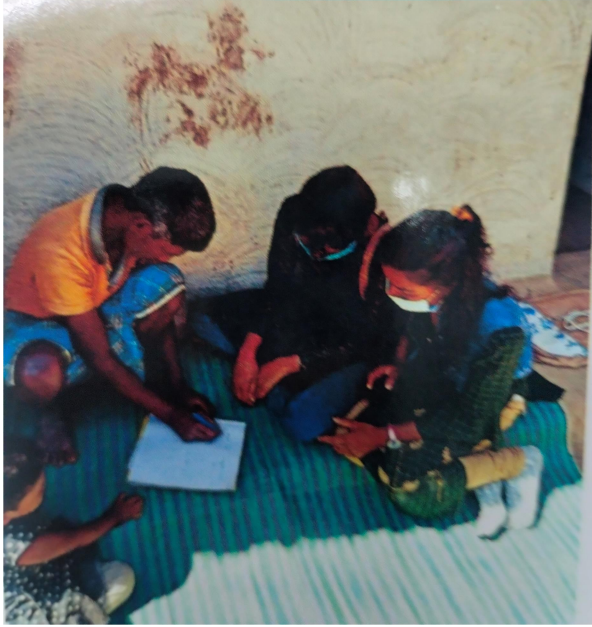


  
Head of Chemistry Department  
Govt. R.G.P.G. College  
Ambikapur (C.G.)

### **5. Adult Education campaign in Asola village: (13th July 2021)**

**One day adult education campaign was conducted in Asola village by 12 volunteers of M.Sc. Chemistry 1st semester.**

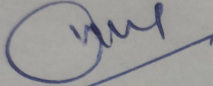






Social Camp



  
Head of Chemistry Department  
Govt. R.G.P.G. College  
Ambikapur (C.G.)



**6. Survey on Pesticides implicated in Vegetable crops in Silphili village :  
(8th December 2023) :**

**One day participative survey was conducted by M. Sc. 1st semester students in Silphili village of Surajpur district. Vegetable cultivation is largely dependent on applying various pesticides to prevent different diseases.**

**Some of the Common pesticides used these days are**

**Fungicides - bayer Nativo, syngenta Amstar top, UPL SAAF**

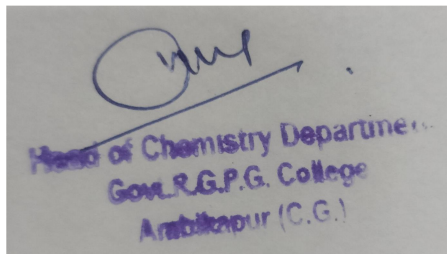
**Insecticide- Corogen, Bilbo.**

**Bactericide- streptocyclin**

## • Visiting Agricultural fields :-

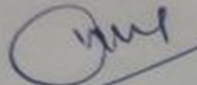


... smiling faces all around "



**Public Lectures: Chemistry department Organized public lecture on indigenous technologies for VIKSIT BHARAT in Science day 2024**



  
Head of Chemistry Department  
Govt. R.G.P.G. College  
Ambikapur (C.G.)

. Collaborations: Partnered with Priya chemicals, and Laxmi distillery for internship in last two years respectively.

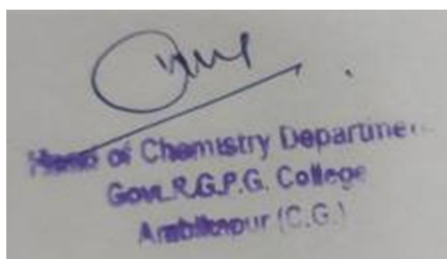




Head of Chemistry Department  
Govt. R.G.P.G. College  
Ambikapur (C.G.)

Teachers day celebration: 5th september every year





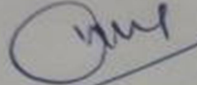
**Research and Experimentation:**







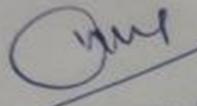


  
Head of Chemistry Department  
Govt. R.G.P.G. College  
Ambikapur (C.G.)

**Farewell to Dr. S. K. Sinha :**

**Glorified academic and research career of Dr. S.K. Sinha was celebrated by Faculties and students with a collective wish for his fortune and happier post retirement life.**



  
Head of Chemistry Department  
Govt. R.G.P.G. College  
Ambikapur (C.G.)