



VKV GOVT DEGREE COLLEGE

KOTHAPETA, Dr.B.R.AMBEDKAR KONASEEMA DIST



(Accredited by NAAC "B" Grade)

(An ISO 9001:2015 certified by HYM International Certifications Pvt. Ltd.)



DEPARTMENT OF CHEMISTRY

Best Practices

V.K.V GOVT DEGREE COLLEGE, KOTHAPETA

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Department of Chemistry

FIELD VISIT:04-03-2025

The Department of Chemistry organized an enlightening and impactful field trip aimed at creating awareness among local farmers about the correct usage of pesticides and fertilizers.

The field trip took place on 04-03-2025, and students from the Ist , IInd B.Sc Hons Chemistry (Major) and I B.S Hons Chemistry (Minor) are actively participated in the program. Along with the students, faculty members Dr. C Srinivasulu HOD of Chemistry and P.Sai krishna, Lecturer in Chemistry from the department also accompanied the group to provide guidance and support throughout the event.

Objectives of the Field Trip:

- **Raising awareness:** Educating farmers on the correct and safe use of pesticides and fertilizers to minimize health risks and environmental damage.

Activities Conducted:

1. **Distribution of Gloves and Masks:** During the field trip, students distributed safety gear such as gloves and masks to the local farmers.

Impact and Conclusion:

The field trip was a great success, with a significant number of local farmers participating in the event. The distribution of gloves and masks was well-received, and the farmers appreciated the initiative to promote safe agricultural practices.

Overall, the field trip was a meaningful contribution towards promoting safe and sustainable farming practices in the local community, and the department plans to continue similar initiatives in the future.





VKV GOVERNMENT DEGREE COLLEGE, KOTHAPETA
DEPARTMENT OF CHEMISTRY

FIELD TRIP-2023-2024

Date: 14-03-2024

RAISE AWARENESS AMONG FARMERS ON PROPER USAGE OF PESTICIDES AND FERTILIZERS

The Department of Chemistry organized a field trip to raise awareness among farmers about the proper use of pesticides and fertilizers. This trip aimed to teach farmers how to handle these chemicals safely, protecting both their health and the environment. This initiative is considered one of the best practices of the department.

Third-year students from MPC (Maths, Physics, Chemistry) and BZC (Botany, Zoology, Chemistry) participated in the program, along with two faculty members Dr. G.Srinivaulu, HOD of Chemistry and P.Sai Krishna, Lecturer in Chemistry.

During the trip, students distributed gloves and masks to farmers, explaining the importance of using protective gear when handling pesticides to avoid health risks like skin irritation and breathing issues and showed safe storage methods.

The program was very well received by the farmers. This field trip not only benefited the farmers but also provided valuable learning experiences for the students. It stands as one of the department's best practices for promoting safe and sustainable farming.







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Department of Chemistry

SCHOOL TO COLLEGE OUTREACH PROGRAMME-Date: 28/02/2025

The Department of Chemistry conducted a school-to-college outreach program on the occasion of National Science Day, February 28, 2025, to foster scientific temper among school children. Total 85, 10th class students from ZPP Girls High School participated in the event and visited our college's chemistry laboratory. During the visit, Ist and IInd B.Sc. Honors students explained the various laboratory equipment's and chemicals used in practical sessions, offering the school children a hands-on experience of chemicals and instruments available in Département of Chemistry.

The program proved to be mutually beneficial for both the school and college students, enhancing their knowledge and interest in chemistry. The headmaster of the school, Mr. N. Satyanarayana, along with other enthusiastic school teachers, actively participated in the event. Dr. G. Srinivasulu, Head of the Department of Chemistry, and Sri. P. Sai Krishna, lecturer in chemistry, further enriched the experience by discussing basic principles of chemistry and demonstrating practical experiments to the school children.



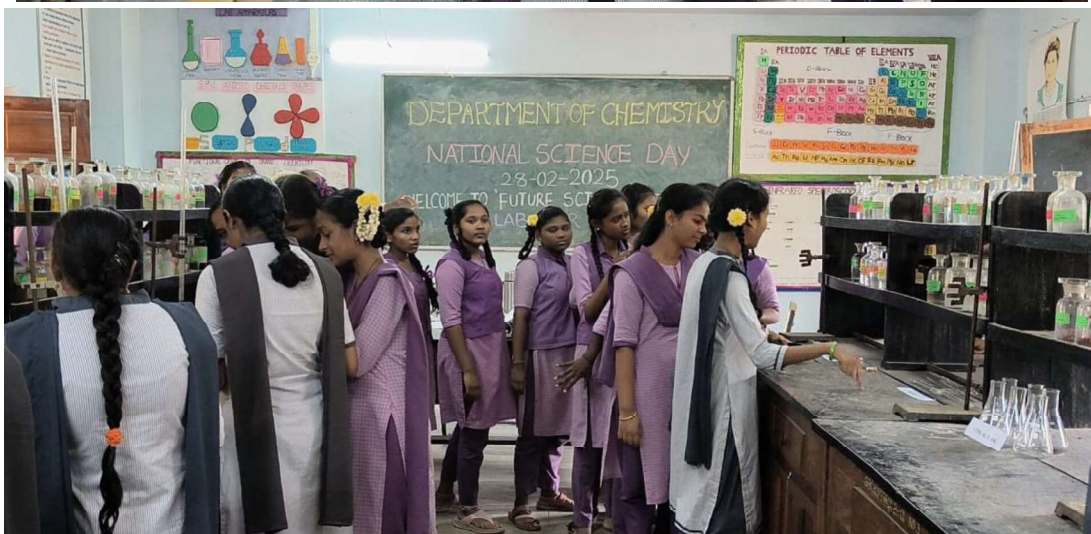
ZPP Girls High School Xth class students Chemistry Lab tour visit on **National science day** as part of **School to College outreach programme**. Sri N. Satyanaryana garu, Head Master, Dr. D.CH. Papa Rao, HOD Of Mathematics and other staff members are also joined in this programme.



Dr. G. Srinivasulu, HOD of Chemistry, explaining the importance of renewable energy resources and Fuel of the future : H₂(Hydrogen) through model project.



Sri P. Sai krishna demonstrating the characteristic colour of simple salt on flame test.



I B.Sc and II B.Sc Hons Chemistry students are explaining the characteristic's flame colour of simple inorganic salt and discussed about various laboratory equipment's.