

ASD GOVT DEGREE COLLEGE FOR WOMEN (A)

(Re- Accredited by NAAC with B Grade)

Jagannaickpur, Kakinada-533002, East Godavari, AP

DEPARTMENT OF CHEMISTRY



2025-2026



**Guest Lecture on
“Career Opportunities for Chemistry Students”**

A.S.D. GOVT. DEGREE COLLEGE for Women (A)
Jagannaickpur, Kakinada

REPORT ON GUEST LECTURE 2025- 2026

Date	10-09-2025
Conducted through (DRC/JKC/ELF/NCC/NSS/ Departments etc.,	Chemistry department
Nature of Activity (Seminar/Workshop/Extn. Lecture etc.,)	Guest Lecture
Title of the Activity	Guest Lecture on “Career Opportunities for Chemistry Students”
Name of the Department/Committee	Chemistry
Details of Resource Person (Name, Designation etc.)	Sri V. Mallikarjune, Lecturer in Chemistry, Govt. Degree College, Jaggampeta
No. of Students Participated	40
Brief Report on the Activity	The Department of Chemistry organized a Guest Lecture on “Career Opportunities for Chemistry Students” on 10th September 2025 at 11:00 am in the RB-II. The resource person, Sri V. Mallikarjune, Lecturer in Chemistry, Govt. Degree College, Jaggampeta, enlightened students about diverse career paths in chemistry, including opportunities in industries, government organizations, teaching, and research. He emphasized the importance of higher education through IIT JAM, CSIR-JRF, and also highlighted the role of JEE entrance for entry into premier institutions like IITs and NITs. Around 40 students actively participated and gained valuable insights into career planning.
Name of the Lecturers who planned & conducted the activity	All department staff
Signature of the department in charge/convener of the Comiittee	
Signature of the Principal	 PRINCIPAL A.S.D. GOVT. DEGREE COLLEGE (WOMEN'S) AUTONOMOUS KAKINADA

Letter of Permission to the Principal

From

Dr. K. Anitha,
Incharge of Chemistry
A.S.D Govt Degree College for Women (A)
Kakinada.

To

The Principal,
A.S.D Govt Degree College for Women (A)
Kakinada

Respected Madam,

Respected Madam,

Sub: A.S.D Government Degree College for Women (A), Kakinada, Dept. of Chemistry –
Seeking permission to conduct “Career Guidance Guest Lecture” on 10.09.2025 – Request –
Regarding

With reference to the subject cited, I bring to your kind notice that the Department of Chemistry is seeking permission to organise a guest lecture on career opportunities for chemistry students. In this connection, I request you to kindly grant permission to conduct the programme on **10.09.2025**.

Thanking you Madam,

Yours Faithfully,



**A.S.D. GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS)
KAKINADA**



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DEPARTMENT OF CHEMISTRY

CIRCULAR

The Department of Chemistry is conducting a Guest Lecture for II & IV B.Sc Chemistry Students in the Seminar Hall at 11:00 AM on 10.09.2025. The lecture will be delivered by Sri V. Mallikarjune, Lecturer in Chemistry, Govt. Degree College, Jaggampeta on the topic: "Career Opportunities for Chemistry Students"

Students are requested to attend and actively participate in this programme.

Venue: RB-II, Date & Time: 10.09.2025, 11:00 AM – 12:00 Noon


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Objectives of the Guest Lecture

- To expose students to diverse career opportunities in chemistry across industry, academia, and government sectors.
- To provide awareness of higher education pathways such as IIT JAM, CSIR-JRF, and integrated M.Sc programs.
- To highlight the importance of competitive exams (JEE, GATE, NET) as gateways to premier institutions like IITs, NITs, and IISERs.
- To motivate students towards research careers in national laboratories and universities.
- To encourage students to plan their academic journey with a holistic perspective, combining industry readiness with advanced study.

Outcomes of the Guest Lecture

- Students gained clarity on career options in chemistry, including analytical, industrial, teaching, and research roles.
- Enhanced awareness of entrance examinations (IIT JAM, CSIR-JRF, JEE) and their role in shaping academic progression.
- Improved understanding of industry-specific roles such as Analytical Chemist, Quality Control Officer, Geochemist, and positions in organizations like ONGC, NTPC, APGENCO.
- Students recognized the value of higher education (M.Sc, Ph.D) for long-term career growth.
- The session fostered active participation and career planning skills, with 40 students engaging in discussions and clarifying doubts.
- Strengthened motivation among students to pursue competitive exams and research fellowships for national and international opportunities.

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KAKINADA**



DEPARTMENT OF CHEMISTRY

The Department of Chemistry conducted a **Guest Lecture on Career Guidance** for Semester IV and Semester II students on **10th September 2025 at 11:00 am in the Seminar Hall**. The resource person of this programme, **V. Mallikarjune, Lecturer in Chemistry, Jaggampeta**, focused on "**Career Opportunities for Chemistry Students**", highlighting both **higher education options (IIT JAM, CSIR-JRF)** and **competitive exams like JEE** that serve as gateways to premier institutions. Around 40 students actively participated and gained valuable insights into career planning



SYNOPSIS OF LECTURE

1. Chemistry as a Gateway Discipline – Studying chemistry opens diverse career opportunities in industries such as chemical, pharmaceutical, food, electronics, and environmental sectors, as well as in government organizations like APGENCO, NTPC, and ONGC.
2. Analytical & Applied Careers – Positions such as Analytical Chemist, Groundwater Analyst, Quality Control Officer in pharmaceutical industries, and Geochemist in ONGC are highly sought after, with M.Sc Chemistry being preferable.
3. Teaching & Academic Pathways – With a Master’s degree, students can pursue teaching careers, while a Ph.D opens doors to professorship and advanced academic research.
4. Higher Education Options – After B.Sc Chemistry, students can pursue M.Sc or Integrated M.Sc programs. Admission to these courses in premier institutes across India is through IIT JAM, which tests core chemistry knowledge and analytical skills.
5. Research Opportunities – Students aspiring for research careers can prepare for CSIR-JRF, which provides fellowships for doctoral research in chemistry and allied sciences, enabling entry into national laboratories and universities.
6. Competitive Exams as Gateways – For students aiming at premier institutions like IITs, NITs, and IISERs, JEE (Joint Entrance Examination) serves as a crucial gateway. Strong fundamentals in chemistry not only help secure admission but also provide a foundation for advanced study and interdisciplinary research.
7. Holistic Career Guidance – The lecture emphasized that combining higher education pathways (IIT JAM, CSIR-JRF) with competitive exams (JEE) equips students with multiple routes to success—whether in industry, academia, or research.