

SVA Govt. Degree College(M), Srikalahasti
Dept. of Chemistry, AY: 2024-25, B.Sc (Chemistry Major)
Coaching and Mentoring for Government Service Exams
in Addition to B.Sc

Objectives:

1. **Knowledge Enhancement:** To provide in-depth understanding of subjects relevant to both the B.Sc curriculum and government service exams, ensuring academic success and competitive exam preparation.
2. **Time Management Skills:** To help students effectively manage their time between academic studies and exam preparation, striking a balance between the B.Sc program and government exam coaching.
3. **Strategic Preparation:** To equip students with the right strategies, study plans, and techniques to excel in government service exams, such as SSC, UPSC, APPSC, Govt./PSU Jobs with chemistry (BIS, FSSAI, PCB, HPCL, ONGC, BARC etc.) and banking exams.
4. **Skill Development:** To focus on the development of critical thinking, analytical abilities, and general awareness necessary for government exams.
5. **Mock Test & Evaluation:** To conduct regular mock tests and assessments to evaluate progress and improve performance in competitive exams.
6. **Boost Confidence and Exam Readiness:** Regular practice through mock tests, quizzes, and interview preparation sessions to improve exam confidence and readiness.
7. **Timely Revision:** Ensure students regularly revise both B.Sc subjects and government exam topics, facilitating better retention and understanding of key concepts.
8. **Motivation and Counselling:** Provide motivational sessions to maintain enthusiasm and confidence among students, and offer counselling when they face difficulties in managing dual preparations.
9. **Speed Typing:** Encourage students to develop speed typing skills and complete the typing lower exam, which is essential for many government and private jobs.
10. **MS Office Proficiency:** Assist students in learning MS Office tools like MS Word, PowerPoint, and Excel, which are mandatory for numerous government and private job roles.

Expected outcome:

- **Improves Admission Standards:** Attracting and admitting quality students
- **Job-Ready Graduates:** Producing graduates equipped with the skills and knowledge to excel in their chosen careers
- **Essential Skill Development:** Fostering students' abilities in time management, critical thinking, and computer proficiency
- **Career-Focused Education:** Prioritizing career readiness to increase student motivation and academic achievement.

Strategies for Preparing Students for Competitive Exams

To help our students successfully balance their B.Sc studies with preparation for competitive exams such as APPSC, UPSC, SSC, Banking services, Govt. Jobs with B.Sc (Chemistry) and others, the Department of Chemistry has implemented a set of comprehensive strategies aimed at ensuring well-rounded preparation and academic success. These strategies focus on academic support, skill development, and exam readiness.

1. Provision of Free Notebooks

We ensure that students have easy access to essential resources by providing them with free notebooks. This removes financial barriers, allowing students to focus on their studies without worrying about basic materials. These notebooks can be used for lecture notes, self-study, or competitive exam preparation.

2. Ensure the availability of General Studies books and competitive exam materials within the department for student access.

We provide students with a wide range of general studies books and specialized competitive exam materials, covering important subjects like current affairs, general knowledge, reasoning, and quantitative aptitude. This helps them develop a strong foundation for competitive exams, which often require interdisciplinary knowledge.

3. Regular Monitoring and Mentoring

Our faculty members actively monitor students' progress through personalized mentoring sessions. Regular check-ins help identify individual strengths and areas needing improvement, while one-on-one guidance ensures that students receive tailored advice for balancing their B.Sc coursework with exam preparation.

4. Online Classes by Experts

We offer online classes conducted by subject matter experts who specialize in competitive exams. These classes cover various aspects of the syllabus, with a particular focus on areas where students may need extra support. Online learning allows for flexibility and access to high-quality instruction from specialists outside the department.

5. Utilization of Online Videos

To supplement classroom instruction, we encourage the use of online educational videos. These videos cover a wide range of topics, including chemistry, general studies, reasoning, and previous exam analyses. Students can access these resources at their own pace, reinforcing their learning with visual and auditory aids.

6. Topic Revision

Regular revision of both B.Sc subjects and competitive exam topics is critical for retention and understanding. We schedule systematic revision sessions where students can review key concepts, clarify doubts, and revisit important topics to strengthen their overall grasp of the material.

7. Practice Sessions

We place strong emphasis on consistent practice, a vital element in competitive exam preparation. Through problem-solving sessions, practice papers, and mock tests, students are trained to tackle a variety of questions, enhancing their speed, accuracy, and confidence.

8. Dedicated Study Hours

To promote discipline and focus, we organize designated study hours. During these times, students can engage in uninterrupted study, either individually or in groups. Faculty members are available during these hours to provide assistance and answer any academic queries.

9. Timely Exams

Periodic internal exams are conducted to evaluate students' readiness for competitive exams. These exams are modelled on real competitive exams, simulating the exam environment and helping students practice time management, problem-solving, and application of knowledge under pressure.

10. Group Discussions

Group discussions are regularly held to encourage collaborative learning and exchange of ideas. These sessions are particularly useful for tackling general studies topics, current events, and analytical reasoning questions. Students benefit from peer-to-peer learning, gaining insights from different perspectives.

11. Motivational Classes

We understand that exam preparation can be stressful, so we organize motivational classes to help students stay focused and motivated. These sessions, led by experienced faculty or guest speakers, provide emotional support, study tips, and strategies for managing exam stress.

12. Review of Previous Exam Notifications

To stay informed about the latest trends and changes in competitive exams, we routinely examine previous exam notifications. This ensures that students are aware of the exam patterns, eligibility criteria, and important updates, allowing them to tailor their preparation accordingly.

13. Practice with Previous Question Papers

Practicing with previous years' question papers is a key part of our preparation strategy. Students gain familiarity with the types of questions asked, exam difficulty level, and topic weightage. This practice helps them develop effective strategies for answering questions and improves their chances of success.

14. Parent Meeting: Regular parent meetings are held to update parents on their child's academic progress and overall development.

15. Best Student Award: Each month, one student is recognized as the best student based on their performance in internal exams and attendance and participation in college activities.

Accessing the Computer Basics LMS Video for Students on the AP CCE Portal (24.08.2024)

- The LMS video on input and output devices available on the AP CCE portal provides an informative overview for students about the various devices used to interact with a computer.
- The video covers key input devices, such as keyboards, mice, and scanners, which allow users to send data to the computer, and output devices, like monitors, printers, and speakers, which present the results of processed data.
- This resource is essential for students learning the basics of computer hardware.



Career guidance class by Dr. A. Ramesh Babu (31.08.2024)

- Dr. A. Ramesh Babu, lecturer in chemistry explains the different career for B.Sc (Chemistry) students both in Private and Govt. Sectors
- He emphasizes the importance of continuous learning, staying updated with advancements in the field, and developing a passion for their chosen path.



Experiencing Dr. B.V. Pattabhiram's inspiring insights through his videos (31.08.2024)

- **Dr. B.V. Pattabhiram** is a renowned personality development trainer and motivational speaker with a vast following, particularly among students. His engaging and insightful videos can be a valuable resource for students looking to enhance their personal and professional growth.
- By watching Dr. Pattabhiram's videos, students can gain valuable insights, practical tips, and motivation to achieve their goals and develop their full potential.



Teachers' Day celebration (05.09.2024)

The Department of Chemistry celebrated Teachers' Day on September 5, 2024. Faculty members addressed the students, interacted with them, and clarified career-related issues.



Distribution of note books to students (05.09.2024)

On the auspicious occasion of Teachers' Day, the Faculty members from Department of Chemistry distributed free spiral-bound white notebooks to students. These notebooks can be used for taking notes on topics related to competitive exams. A total of **25 notebooks** were distributed to the students.



Visit to library along with students (06.09.2024)

To guide students on effective library utilization for academic and competitive exam preparation, the Department of Chemistry organized a visit to the college library on 06.09.2024 with the aim of familiarizing students with the library resources and their potential benefits for academic and competitive exam preparation.



Career guidance class by Sri B. Nagaiah, Lecturer in political science (09.09.2024)

- The Department of Chemistry organized a career guidance session for B.Sc. Chemistry students on 09.09.2024. The guest speaker for the session was Sri B. Nagaiah, lecturer in the Department of Political Science. The session focused on providing students with valuable insights and strategies for planning and preparing for competitive exams.
- The diverse perspectives from a lecturer outside the department provided them with valuable insights and broader career options to consider.



State Capitals, Borders, and Coastline: Indian Map Exploration (27.09.2024)

Dr. A. Ramesh Babu and Smt. KSL Koteswaramma led an informative session on the Indian map, focusing on the capitals of the 28 states, state borders with other states and countries, and the country's coastline.



Online “Guest Lecture on Career Planning and Strategies for Achieving Success” By Dr. Naga Seshadri, from GDC Proddatur (28.09.2024)

- Dr. Naga Seshadri, lecturer in chemistry from Government Degree College, Proddatur, delivered an insightful guest lecture focused on career planning and strategies for achieving success.
- Dr. Seshadri provided an in-depth overview of the diverse career opportunities available for students with a B.Sc. in Chemistry. He discussed opportunities in both the public and private sector.
- A significant portion of the lecture was dedicated to guiding students on how to effectively prepare for competitive exams.
- Dr. Seshadri highlighted the growing importance of soft skills, digital literacy, and adaptability in a globalized world.
- Dr. Seshadri also shed light on the lucrative job opportunities available for chemistry graduates in Public Sector Undertakings (PSUs) and the pharmaceutical industry.
- He Interacted with students and clarifying the doubts



General Knowledge test: Indian state capitals and borders

(01.10.2024)

- This exam assesses the students' knowledge of Indian state capitals and borders.
- The test includes multiple-choice questions (MCQs) and short-answer questions.



Best Student Award in Chemistry (03.10.2024)

- The Department of Chemistry has decided to present the Best Chemistry Student Award for every two months.
- The selection criteria include class attendance, performance in slip tests, scores in general knowledge tests, and involvement in college activities etc..
- Based on these criteria, **P. Buvaneswari**, a first-year B.Sc (Hons) Chemistry student, has been chosen as the Best Student for the months of August and September.
- The award memento was presented to *P. Buvaneswari* by the **Dr. P. Babu**, Regional Join Director of Collegiate Education (RJD CE) and **Dr. M. Sreelatha**, Principal.



The award memento presented to *P. Buvaneswari* by RJDC CE & Principal