

**Parvathaneni Brahmayya**  
**Siddhartha College of Arts and Science, Vijayawada**  
**(Autonomous)**

## **Programme: BSc Honours (Chemistry)**

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B.Sc Honours (Chemistry) is a Four-year undergraduate programme. B.Sc Honours (Chemistry) course deals with different aspects of Chemistry including organic chemistry like Physical and Inorganic chemistry. After completing the course, candidates can apply for any of the BSc Chemistry job profiles that match their criteria.

State of art lab with all the basic equipment to advanced instruments like Double beam Spectrophotometer, HPLC etc are the highlights of the department of Chemistry in P.B. Siddhartha College of Arts and Science. The department will provide hands on training and ample training in preparing some allied products like detergent powder, cleaning oils etc.

### **Why B.Sc Honours (Chemistry)?**

- Four years of **B.Sc Honours (Chemistry)** not just talk about Chemistry but also for other subjects like Physics, Maths, and Biology through separate Subjects or integrated subjects.
- Candidates will get an understanding of all the basic concepts that they have studied in school with an in-depth knowledge of those topics and an understanding of new dimensions of chemistry as well.
- It will also provide them the connection of chemistry and other subjects through topics like Biochemistry, Earth Science, Industrial Science, and Pharmacology, and so on.
- And after all, an opportunity to learn all the magic of chemistry that works in our everyday living world.

### **What to do After B.Sc Honours (Chemistry)?**

After completing **B.Sc Honours (Chemistry)** from any recognized institution of India, candidates have several options in terms of higher education and career opportunities. One can go for Masters or M.Sc or M.Tech courses in related fields like in Biochemistry, Chemistry, Biotechnology, Data Analytics, Pharmacy and so on. One can also move to other fields of Technologies like for M.Tech in Chemical Engineering and others.

Later one can go for Ph.D. courses in Chemistry, Biochemistry, and other related subjects as well if one is interested in research fields. Some of the higher studies options after BSc in Chemistry are:

- M.Sc in Chemistry
- M.Sc in Biochemistry
- M.Sc in Applied Chemistry
- M.Sc in Analytical Chemistry
- M.Sc in Physical & Materials Chemistry
- Ph.D. in Chemistry
- Ph.D. in Applied Chemistry
- Ph.D. in Biochemistry and so on.

## **B.Sc Honours (Chemistry) Jobs and Placements**

Some of the job profiles after completing **B.Sc Honours (Chemistry)** courses are:

- Biomedical Chemist
- Chemist
- Lab Chemist
- Chemical Associate
- Analytical Chemist
- Forensic Chemist
- Material technologist
- Quality Controller
- Research and Development manager
- Teachers/ Researchers in Chemistry
- R&D Director

## **Top Recruiters after B.Sc Honours (Chemistry)**

- TATA Chemicals
- Aarti Industries
- Vinatic Organics
- Fineotex Speciality
- Akash Educational Institutions
- Innodate
- Allen Career Institute
- SCIEX
- Laurus labs
- Hetero Drugs
- Divi labs
- Ultratec cements

## **B.Sc Honours (Chemistry) Salary in India**

Different Job Profiles have different salary packages and also depending on the recruiters as well. After completing BSc Chemistry one can work for different companies at different posts. Some of the Job profiles and their Salaries are tabulated below:

<b>Job Profile</b>	<b>Average Salary</b>
Analytical Chemist	INR 3.5 to INR 4.5 LPA
Lab Assistant	INR 3 to INR 4 LPA
Chemist	INR 6 to INR 8 LPA
Junior Research Associate	INR 4 to INR 5 LPA
Teacher	INR 6 to INR 7 LPA
Research Scientist	INR 6 to INR 8 LPA
Quality Control Chemist	INR 3 LPA to INR 5 LPA

## **B.Sc Honours (Chemistry) Admission Process**

Admissions to B.Sc Honours (Chemistry) are done on the basis of merit. The government of Andhra Pradesh notifies the admission process and asks registration for convener quota of 42 seats. The remaining 18 seats will be in management quota. For management quota consult the college office or use chat bot for enquiry.

## **B.Sc Honours (Chemistry) Eligibility**

Students who wish to pursue B.Sc Honours (Chemistry) courses should fulfil the following eligibility criteria in order to get through colleges offering B.Sc Honours (Chemistry) course,

- Students should clear class 12th board exams with MPC/BiPC.
- They should clear their class 12th board exams from a recognized board

## **Proposed Minor courses**

Physics/Biology

