

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

## **Programme: M.Sc (Chemistry)**

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MSc Chemistry is a 2 year career oriented PG course offered as Organic Chemistry in P.B. Siddhartha College of Arts and Science, Vijayawada. It deals with physical chemistry, organic chemistry, inorganic chemistry, pharmaceutical chemistry and analytical Chemistry. A person who is a Master of Science in Chemistry acquires professional as well as scientific level competency. It offers scientific and professional entry-level competency along with advanced theoretical and practical knowledge in specialized fields.

## **MSc Chemistry Jobs**

There is a wide MSc Chemistry scope for graduates in the Pharma industry, Research labs, Laboratories, Medical Colleges, etc. The average salary earned by such postgraduates ranges between INR 4 to 10 Lakhs. Some of the major MSc Chemistry jobs offered to these professionals are:

- Chemist
- Teacher
- Pharmaceutical Sales Executive
- Synthetic Lab Scientist
- Research Officer (Chemistry/ Biochemistry)
- Solid State Chemistry Expert
- Analytical Specialist

Some of the most popular MSc Chemistry jobs available to successful MSc Chemistry graduates are listed below with the corresponding salaries and job description.

Chemist	INR 9 LPA
Clinical Research Associate	INR 7 LPA
Lab Assistant	INR 5 LPA
Toxicologist	INR 8 LPA
Pharmaceutical Sales Executive	INR 6 LPA

The graph given below shows the current salary trend for MSc Chemistry postgraduates employed in the industry.

## **MSc Chemistry Scope**

Over the past years, MSc Chemistry has emerged as one of the most sought-after courses in India. The course provides students with an opportunity to explore the vast domains of the subject. MSc Chemistry scope is ever increasing.

After successful completion of this course, one can choose to engage in research work, can practice as a scientist and can even turn to the education sector in search of employment.

Students can also consider pursuing a higher degree after completing MSc Chemistry courses. A Ph.D in Chemistry is the most popular choice of the students for higher studies.

- **Ph.D in Chemistry:** Ph.D. in Chemistry is a 3-year doctorate course in chemistry. A doctorate degree in Chemistry will enable one to keep expanding their knowledge and provide research training as well. Candidates having completed their master's degree can apply for a Ph.D.

## **Admission Process**

Admissions to M.Sc (Chemistry) are done on the basis of merit. The government of Andhra Pradesh notifies the admission process and asks registration for convener quota of 21 seats from the students who are qualified in the PG CET. The remaining 9 seats will be in management quota. For management quota consult the college office or use chat bot for enquiry.

## **Eligibility**

Students who wish to pursue M.Sc (Chemistry) course should fulfil the following eligibility criteria.

- Chemistry as one of the subjects in Under graduation/Chemistry as major
- They should clear their Under graduation exam from a recognized University.