

## Master of Science in Chemistry (M.Sc. Chemistry)

Master of Science in Chemistry is a two-year Postgraduate Degree program that focuses on advanced studies in the field of Chemistry. Typically, MSc Chemistry course offers a comprehensive curriculum covering various aspects of Chemistry, including Organic Chemistry, Inorganic Chemistry, Physical Chemistry, Analytical Chemistry, and Biochemistry. It is basically combines aspects of other areas of science, such as biology and physics, and applies them to the study of everything from natural to man-made materials. It enables the graduates to contribute to the society by creating new materials, new medicine and new sources of energy to enhance the quality of human life and sustain mother nature. Understanding the complex chemical reactions which help make up our world are key to helping to protect the environment from harmful human activities. Chemistry can also help with advancements in areas such as energy storage and electric vehicles to help protect and preserve the natural world. A chemistry degree allows the students to understand the world. From the living things to non-living things and their compositions, to the air the humans breathe to the food that is being eaten chemicals and chemical processes are crucial to the very existence of the Universe. By learning chemistry, enables the graduate to understand how stuff works, how it is made and generally develop a better understanding of life.

### Why Study M.Sc.Chemistry?

A postgraduate degree in chemistry provides plenty of directly related career opportunities. While many go on to be a type of chemist, the knowledge one gains and the skills acquired can be applied to other fields, such as education, medicine, sustainability, environmental science, forensics, and much more. Some of the many job roles for those with a chemistry degree includes Analytical Chemist, Chemical Engineer, Chemistry Teacher, Environmental Consultant, Forensic Scientist, Laboratory Technician, Organic Chemist, Pharmacy Technician Quality Control Chemist, Research Scientist and Toxicologist.

## M.Sc : Chemistry Curriculum

RAAK Arts & Science College is offering a three years undergraduate degree program Bachelor of Science (B.Sc.) in Information Technology. The college is affiliated to Annamalai University, Annamalai Nagar, Chidambaram, India.

The Curriculum focus areas are :

- ☑ Organic Chemistry
- ☑ Inorganic Chemistry
- ☑ Physical Chemistry
- ☑ Organic Chemistry
- ☑ Scientific Research Methodology

### Career Pathways

- ☑ Analytical Chemist
- ☑ Chemist
- ☑ Research Scientist
- ☑ Chemical Engineer
- ☑ Laboratory Assistant
- ☑ Research Associate
- ☑ Teacher
- ☑ Pharmacologist
- ☑ Quality Manager
- ☑ Toxicologist
- ☑ Chemical Analyst
- ☑ Chemistry Professor
- ☑ Forensic scientist
- ☑ Lab Chemist
- ☑ Pharmaceutical marketing
- ☑ Research Chemist
- ☑ Scientist
- ☑ Environmental Scientist
- ☑ Biotechnologist

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## About RAAK

RAAK Arts and Science College (RASC) , Perambai ,Tamil Nadu is affiliated to Annamalai University, Annamalai Nagar, Chidambaram, Tamil Nadu, India. The college was established in the year 2009. It started with five Under Graduate degree Programs and 180 students. Today, the college is offering more than ten Under Graduate degree Programs and Seven Post Graduate Degree Programs. The college has been fostering graduates in Arts, Sciences, Commerce, Business Administration, Social Work, Information Technology and Computer Science. This has resulted in interdisciplinary environment that promotes cross disciplinary learning and research environment to the students. RASC is located in a green campus that has all the necessary infrastructure including laboratories, Modern Library, ICT classrooms, transport facilities etc.

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**Get In Touch**



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# RAAK

**ARTS AND SCIENCE COLLEGE**

Affiliated to Annamalai University, Chidambaram  
(A Unit of Farouk Educational Trust)



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