

**PG & RESEARCH DEPARTMENT OF CHEMISTRY
MAR IVANIOS COLLEGE (AUTONOMOUS)
THIRUVANANTHAPURAM**

COURSE OUTCOMES

B.Sc Degree Course (Chemistry):

- Upon completion of the degree course, Chemistry majors will be able to get an employment at an entry level position in Chemical/Pharmaceutical industry or can pursue a post graduate program.
- Students acquire basic knowledge on theoretical concepts of instruments that are commonly for analysis.
- Will be able to demonstrate proficiency in all branches of Chemistry: Inorganic, Organic, Physical and Analytical.
- Students acquire knowledge on safety measures to be followed in a Chemical laboratory.
- Basic knowledge on research in Chemical Sciences and the methodology to be adopted.
- Students will be able appreciate the key role of chemistry in our Society and use this as a basis for addressing environmental, health and hygiene issues.
- Knowledge on atomic structure, chemical bonding, periodic classification & properties of elements, metallurgy, coordination chemistry, organic functional group transformations, stereochemistry, natural products, dyes, drugs, states of matter, reaction kinetics, thermo chemistry, nuclear chemistry, polymer chemistry, nanotechnology etc.