M.Sc (Analytical Chemistry)

- ✓ Develop the strategies used in the synthesis of organic molecules and natural products
- ✓ Develop the techniques used in the preparation and analysis of drugs
- ✓ Develop the methods used in the preparation and analysis of inorganic compounds

Subjects

Semester 1	Semester 2	Semester 3	Semester 4
1.Inorganic Chemistry	1.Inorganic Chemistry	1. Sampling, Data Handling, Classical & Atomic spectral Method of Analysis	1.Spectroscopic Methods of Analysis II
2.Organic Chemistry	2.Organic Chemistry	2. Spectroscopic methods of analysis I	2. Seperation Methods
3.Physical Chemistry	3.Physical Chemistry	3. Miscellaneous Methods of Analysis	3. Labaratory Management
4. Analytical Techniques and Spectroscopy-I	4. Analytical Techniques and Spectroscopy-II	4. Applied Analysis	4. Quality Assurance and Accreditation
5. Inorganic Chemistry practical's	5. Inorganic Chemistry practical's	5. Titrimetry, Solvent Extraction, Chromotography and water analysis Practicals	5. Electroanalytical Techniques Practicals
6. Organic Chemistry practical's	6. Organic Chemistry practical's	Colorimetry, Spectrophotometry Practicals	6. Spectroscopy and Evaluation of Physical Parameters of Tablets Practicals
7. Physical Chemistry practical's	7. Physical Chemistry practical's		