

**P. R. GOVERNMENT COLLEGE (A), KAKINADA**

**Department of Analytical Chemistry & Petrochemicals**

**COURSE OUT COMES OF B.Sc. - ANALYTICAL CHEMISTRY**

Course	Outcome
<b>ANALYTICAL CHEMISTRY</b>	CO 1: Students will have a solid foundation in the fundamentals, applications and recent developments in the area of analytical and inorganic chemistry
	CO 2: Students will acquire knowledge on theoretical principles and applications of Qualitative and Quantitative chemical analysis.
	CO 3: Students will get knowledge about the basic principles, applications and experimental skills through hands on training on both classical and instrumental methods of chemical analysis.
	CO 4: Students can get exposure and practical skills on Analytical techniques like Flame photometry, Spectro photometry , pH metry, Conductometry, Electro analytical techniques, Atomic Absorption Spectroscopy, Chromatographic techniques etc, which are very useful for chemical analysis in chemical & Pharmaceutical industries
	CO 5: Students can Assess and suggest a suitable analytical method for a specific purpose, and evaluate sensitivity, important sources of interferences and errors
	CO 6: Students can pursue higher studies in post graduation like Analytical chemistry, Chemistry, integrated doctoral studies etc, in reputed Institutions
	CO 7: Students can Make scientific reports from chemical experiments and present the results in a transparent manner.
	CO 8: To get the employability and practical skills as required by the most of the chemical & Pharmaceutical industries.