

**P. R. GOVERNMENT COLLEGE (A), KAKINADA**  
**Department of Analytical Chemistry & Petrochemicals**  
**COURSE OUT COMES OF B.Sc - PETROCHEMICALS**

Course	Outcome
<b>PETROCHEMICALS</b>	CO 1: Students will have a solid foundation in the fundamentals, applications and recent developments in the area of Petrochemicals
	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, Conductometry, etc, which are very useful for chemical analysis in chemical & Pharmaceutical industries
	CO 5: Students can ability to make material balances on unit operations and processes Knowledge of basic principles of fluid mechanics unit process involved in the petroleum refining process.
	CO 6: Provide an overview of the most important processes in a petroleum refinery and the petrochemical industry
	CO 7: Students can pursue higher studies in post graduation like Chemistry, Petroleum technology, integrated doctoral studies etc, in reputed Institutions
	CO 8: Students can Make scientific reports from chemical experiments and present the results in a transparent manner.
	CO 9: To get the employability and practical skills as required by the most of the chemical & Pharmaceutical industries.