

Career Orientation Program on ‘Scope of Chemistry’

PG Department of Chemistry organised a Career Orientation Program on ‘**Scope of Chemistry**’ for M.Sc. Organic and Analytical Chemistry Students.

Mr M. Narendra, (Alumni) Chemist in R&D Department of Dr.Reddys Lab Hyderabad acts as a resource person on 13-02-2023

In his lecture he explained about Pharmaceutical laboratories.

The chemist plays a key role in the Technical section of the pharmaceutical industry.

In this sector, chemists occupying positions such as

- Laboratory Analyst
- Quality Assurance Manager
- Quality Control Manager
- Production Chemist

Pharmaceutical chemists design and synthesize new drugs for the pharmaceutical industry, as well as evaluate drugs already on the market. There are two primary types of pharmaceutical chemists.

Analytical pharmaceutical chemists develop and apply stringent methods of chemical analysis to the product before it goes on the market, ensuring that the drug is pure and that the molecular elements of its structure are easy to determine for toxicological and pharmacological purposes.

Pharmaceutical drug development is a major part of the evolving field of medical technology, and chemists are greatly sought by the pharmaceutical industry for their skills in analysing and manipulating the properties of medicine. It is possible to use a career in pharmaceutical chemistry as a stepping

stone to a senior management position in a biotech firm, though additional education in business fundamentals may be required.

