

## **SYLLABUS - EXECUTIVE (PHARMA)**

### **1. Core Pharmaceutical Knowledge:**

- **Pharmaceutical Chemistry:**

This includes organic chemistry, medicinal chemistry, biochemistry, and pharmaceutical analysis, covering the chemical principles of drug design, synthesis, and analysis.

- **Pharmaceutics:**

This section delves into the principles of dosage form design, industrial pharmacy, and pharmaceutical engineering, covering the formulation, manufacturing, and evaluation of drugs.

- **Pharmacology:**

This involves understanding the principles of pharmacology, including human anatomy and physiology, pathophysiology, and the mechanisms of drug action.

- **Pharmacognosy:**

This area focuses on the study of natural products, including herbal drug technology and their use in drug development.

### **2. Legal and Regulatory Aspects:**

- **Pharmaceutical Jurisprudence:**

This covers relevant laws and regulations governing drug manufacturing, distribution, and marketing, including the Poisons Act, Drugs and Magic Remedies Act, and other related legislations.

- **Intellectual Property Rights:**

This section introduces the concept of patents, trademarks, and other intellectual property rights related to pharmaceuticals.

- Procurement knowledge for Drugs under GeM tender/Online bid/Offline bid etc (Execution of Purchase order/logistic Management)