

TRAINING IN FORENSIC CHEMISTRY

Ist Week - Basics of Techniques required in Forensic Chemistry

Day 1: Lab safety and Forensic Procedures , Chemical & Reagent Preparation

Day 2: Chemical Analysis Procedures - Titrations, Viscosity, Refractive Index etc

Day 3: Determination and basics of Spectrophotometry

Day 4: Determination by Thin Layer Chromatography

Day 5: Determination by High Performance Liquid Chromatography & Gas Chromatography



IIInd Week - Analysis of Cement, Mortar, Concrete & Metals

Day 1: Detection and estimation of cement in crime cases

Day 2: Determination of mortar in crime cases

Day 3: Determination of concrete in crime cases

Day 4: Test of Gold Polish in Cheating Cases

Day 5: Test For Corrosive Chemicals



IIIrd Week - Analysis of Fat & Oils

Day 1: Analysis of Ground Nut & Sesame Oil

Day 2: Analysis of Argemone oil in edible oils

Day 3: Analysis of Mineral Oil in edible oils

Day 4: Detection of rancidity in edible oil

Day 5: Detection of acid & colour in edible oil



IVth Week - Analysis of Trap Cases & Drug Analysis

Day 1: Test of Phenolphthalein in Trap cases - Basic chemical method

Day 2: Test of Phenolphthalein by advance techniques

Day 3: Analysis of Anthracene

Day 4: Analysis of alcohol in liquors/drinks

Day 5: Determination of drug with HPLC analysis



Vth Week - Project Work

We will share our ideas and decide for small piece of research in limited time frame.

Cost of Training : Training Only -INR 10,000 / -
Training + Project - INR 12,000/-

Duration : 80 to 100 Hrs or 4 to 6 Weeks



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