



''बेटी बचाओ, बेटी पढ़ाओ''

JAYOTI VIDYAPEETH WOMEN'S UNIVERSITY, JAIPUR
Faculty of Education & Methodology

Teacher Name & Designation : **JV'n Moin Khan**, Assistant Professor
Department Name : **DEPARTMENT OF FOOD & BIOTECHNOLOGY**
Program Name : **M.Sc. BIOTECH./BIOCHEM.**
Semester : **1st SEM**
Course/Subject Name : **ANALYTICAL CHEMISTRY**

Sr.No.	Course Outcome
1	Pharmaceuticals and Drug Testing: Analyzing drug formulations and ensuring their quality.
2	Environmental Monitoring: Detecting and quantifying pollutants in air, water, and soil.
3	Forensic Science: Assisting in criminal investigations through chemical analysis.
4	Food Safety: Ensuring the safety and quality of food products.
5	Materials Science: Characterizing materials for various industries, including electronics and nanotechnology.
6	Biotechnology: Supporting research in biopharmaceuticals and genetic engineering.
7	Clinical Chemistry: Developing diagnostic tests for medical laboratories.
8	Chemical Engineering: Optimizing chemical processes in industries such as petroleum and petrochemicals.
9	Nanotechnology: Analyzing nano materials for applications in electronics, medicine, and more.
10	Data Analysis and Computational Chemistry: Using software and algorithms to analyze complex chemical data.