

V. DEPARTMENT OF ANALYTICAL AND APPLIED
CHEMISTRY.

This Department is designed to afford the necessary preliminary training to students who intend to become chemists by profession, either as analytical chemists or industrial chemists.

I. Year.

MATHEMATICS.

Euclid, algebra, plane trigonometry.

DRAWING.

Copying from the flat, lettering.

Descriptive geometry in its application to plane sided solids.

Orthographic (including isometric) and oblique projection.

Model drawing.

CHEMISTRY.

General principles of chemistry.

Chemistry of the non-metals.

Laboratory practice.

MECHANICS.

Statics and Dynamics.

PHYSICS.

Magnetism and electricity.

EXPERIMENTAL PHYSICS.

Introductory course.

PRACTICAL ELECTRICITY.

Introductory course.

MODERN LANGUAGES.

French.

German.

II. Year.

CHEMISTRY.

Inorganic and physical chemistry.

Applied chemistry.

Laboratory work in quantitative and qualitative analysis.