

IV. DEPARTMENT OF ARCHITECTURE.

This Department is designed to afford the necessary preliminary training to students intending to become Architects.

I. Year.

MATHEMATICS.

Euclid, algebra, plane trigonometry.
Analytical plane geometry.

DRAWING.

Copying from the flat, lettering, topography, graphics.
Descriptive geometry in its application to plane sided solids,
orthographic (including isometric) and oblique projection.
Rendering in pencil and pen and ink.

CHEMISTRY.

General principles of chemistry.
Chemistry of the non-metals.
Laboratory practice.

MECHANICS.

Statics (with reference to structures).
Dynamics (preliminary to the study of hydraulics).

SURVEYING.

Principles, chain surveying, mensuration.

HISTORY OF ARCHITECTURE.

General introduction.
Ancient architecture.
Egyptian, Assyrian and Persian.