

M.Sc.or M.Eng., but in many branches the laboratory equipment for graduate work is inadequate.

The following courses are offered:-

(a) Design of Electrical Machinery, Special problems of design.

Professor Christie.

(b) The protection of Electrical Power Systems. Professor Burr.

(c) Stability of Electrical Systems under normal and transient conditions; determination of short-circuit currents; design of generators and excitation systems for maximum stability.

Professors Christie & Burr.

(d) Inductive coordination of Power and Signal Systems.

Professor Wallace.

(e) Electric Circuit Analysis, The general theory of electrical networks composed of constant circuit elements. Dr.Howes.

(f) Advanced Wire Transmission Theory. Professor Wallace.

The Thesis may be in one of the following fields of investigations:-

Design of Electrical Machinery, Properties of Dielectrics and Electric Insulators, Electric Measurements, Protective Devices, Power System Stability under Normal and Transient Conditions, Inductive Coordination of Power and Signal Systems, Telephone Transmission Circuits, Radio-frequency Measurements, Acoustical Measurements.

Research Problems:-Professor Wallace.

(a) Research in connection with transmission networks, filters, attenuation equalizers, phase distortion equalizers,

(b) Investigation of influence of power circuits voltage wave-