

Professor Jamieson. The original research work required for the preparation of theses submitted by candidates for degrees has in the past been supervised by the late Dean MacKay, and by Professor Brown. Since Dean MacKay's death, early in the present session, his part of this work has been taken over by Professor Jamieson.

been found that specimens required for the various investigations undertaken in recent years have been readily designed LABORATORY EQUIPMENT.

The laboratories of the Department are well equipped for the carrying on of certain types of experimental work for graduate students. Strength of Materials Laboratory.

The materials testing laboratory contains machines of capacities ranging from 10,000 lbs. to 210,000 lbs. Each of these machines will test up to capacity either in tension or in compression, and most of them can also be used for tests of beams under transverse loads. Strain measuring equipment includes extensometers of the Unwin, Ewing and Martens types, Howard and Berry strain gauges, etc. The Martens type extensometer will readily measure deformations of 1 in 200000, and owing to its extreme simplicity and to the fact that it can be used with facility on specimens of almost any shape or size, this type is extensively used by our graduate students. The laboratory has recently acquired by donation from Mr. C.M. Morssen, a complete and most up-to-date equipment for the measurement of stress by the photo-elastic method, and