

P R E F A C E .

It is with no little satisfaction that this, the fifteenth annual edition of the proceedings of the Engineering Society of the School of Practical Science, is presented to the members. The high standard set in previous editions is quite equalled by the quality of the papers here published. It is an evidence of the *esprit de corps* characteristic of "School" men that the graduates of our college have the will to find the time and energy necessary for the preparation of essays for the information and inspiration of our members. Special attention might be drawn to the papers of Messrs. Haultain and Mitchell dealing with the relation of the young graduate to his profession. The discussion by Mr. MacMurchy defining a special relation of the engineer to his employers is also noteworthy. Two very practical papers are those of Messrs. Thomson and Francis, the one describing an up-to-date method of solving a "ticklish" problem; the other giving information upon an interesting and unique part of the construction of one of our newest highways of commerce.

Let the motto of the Society, as well as of the School, be ever:
Scite et Strenue.

This edition consists of 1,500 copies.

W. G. CHACE.