men on the sick list. Of course it is in partibus infidelium. in fighting the so-called "filth diseases," such as typhoid, that Sanitary Engineering is seen at its best. In fifteen years the death rate of Paris has been reduced from 26 per 1,000 to 21, of Berlin from 26 to 10, and of New York from 31 to 22. Let us see what this means. Taking the case of New York, we find a reduction of 9 per 1,000, that is, last year Sanitaly Science saved the lives of 15,000 persons, and in the whole period of 15 years 120,000 lives were saved. That before it, especially on this continent, will be seen from the terrible mortality from typhoid in our larger cities. In 1892 the mortality per cent. due to typhoid was 6.7 in Chicago, thirteen times as great as that of London, and fourteen times that of Berlin. course this has lately been much reduced by the improvements in the water supply, and will probably be still further reduced on the completion of the Drainage Canal—a gigantic prowhich has cost \$31,000,000.

That there will be work in plenty alone survive. for the next fifty years must be evident from the above rough sketch, and we offer to those who wish to become may be quite certain that the hundred Engineers? As will be seen from the Engineering Schools on this side of the | Calendar of the Provincial University Atlantic will continue to furnish annu- in connection with the Arts Course is

the time of the Roman Empire. But number of Engineers. For the Prolittle work was done for some years, fession has a peculiar fascination about till the fearful mortality amongst the it which seems to draw men of all troops before Sebastopol compelled kinds of tastes to it. Even Huxley the British Government to take action. wished to have been an Engineer, as In three months 11,000 men had died we learn from the following extract out of a total of 32,000, and a Sani-from an autobiographic sketch: "As tary Commission consisting of an en- a boy my great desire was to be a gineer and two doctors was sent to the Mechanical Engineer; but the fates Within nine months, as the were against me, and when very young result of the Commission's labors, the I commenced the study of medicine. entire army was in better health than But, though the Institution of Enit had ever been at home, whereas, in gineers would certainly not own me, I the French army, which has no Sani- am not sure that I have not been all tary Engineer, there were over 40,000 along a sort of Mechanical Engineer only part of my professional course which really and deeply interested me was Physiology, which is the Mechanical Engineering of living machines. What I cared for was the Architectural and Engineering part of the business, the working out of a wonderful unity of a plan in thousands and thousands of diverse living constructions, and the modifications of similar apparatuses to serve diverse ends." But we do not find that nearly all who were attracted to the study of Sanitary Engineering has a great future | Engineering have sufficient energy and patience in the struggle for a place in the profession, and as a consequence the number of those really trying for engineering work is not at all so great as we would expect from the number of students in the engineering schools. And so in regard to overcrowding engineering is no worse off than any other profession or business; and for the young engineer who has received a good training it will be a consolation for him to remember, in his early efforts, ject, now near its completion, and that if life is a struggle for existence in this profession certainly the fittest

What facilities does our Province ally a large and probably increasing a Department of Civil Engineering