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THE TECH

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THURSDAY, OCTOBER 16, 1913.

It is with sincere regret that we note, in the list of resignations from the Associated press staff presented at the recent meeting of the Corporation, the name of Professor T. E. Pope of the Civil Engineering Department. Professor Pope will be greatly missed at Technology, for he was remarkably well in touch with the individual students; indeed he was relied upon to present their point of view at meetings of the Faculty. We have always known him as an exceedingly painstaking and earnest teacher, gaining the confidence of his pupils by putting his whole heart and soul into his work. It is a serious loss for many an erstwhile indifferent student owes much of his success to the sympathetic help, that many an earnest, underprivileged student owes to his kindness. The best wishes of students and Faculty will follow Professor Pope with hopes for a long and well-earned leisure.

Professor Pope graduated at Harvard in 1869, became an instructor at the Institute in 1874, and after two years accepted the Chair of Chemistry at the Iowa Agricultural College. He returned to the Institute as Assistant Professor, and in 1893 became Associate Professor of General Chemistry, ranking a full Professor since 1900. He now retires under the Carnegie Foundation.

The moderate attendance at Dr. Rockwell's talk to the Freshmen on personal hygiene would seem to indicate that they be latter do not realize the importance of the subject. This is particularly unfortunate for them, as information of the sort given in these talks is particularly difficult to obtain in any other way, in accurate and authoritative form, and is absolutely essential to every college man who hopes to have a successful career. Upper-classmen as well will make no mistake to improve this opportunity. We hope to see the next lecture better attended.

The season for selling drill suits is on the wane.

Large crowds are expected Saturday at the first meet of the season.

ENGINEERING AND SCIENTIFIC NOTES

The proposition of a sea-level canal across Scotland is now receiving serious consideration. The canal which is to connect the Firth of Forth with the Clyde, a distance of 26 miles, would cost 120 million dollars and require five years for completion. It is to be a sea-level canal, and hence will require only sea locks at each end. The soil along the proposed route consists merely of sand and gravel so that the digging of a ditch 150 feet wide and 40 feet deep would be a comparatively easy engineering undertaking. The main function of the canal is to provide a short waterway between Edinburgh and Glasgow.

A new method of lighthouse construction is being carried on with a lighthouse which the government is erecting at the upper end of Delaware Bay. The base of the house was built on dry land and will finally towed to its destination and sunk. It is in reality a huge tube of concrete 18 feet high and with walls 18 inches thick. When it is sunk it will protrude above the water at high tide and the erection of the superstructure may then be carried on in the usual manner. This method saves the erection of costly scaffolding and has proved very successful at some places on the continent.

The Scientific American for Oct. 4th contains a most interesting and instructive article on the manufacture of paper, tracing the extensive process from the cutting of the wood to the handling of the finished product. It is a fact that tons of pulp paper are daily consumed (300 million dollars worth annually) in America for the manufacture of newspapers, magazines and books, but few of us know the variety of processes by which this paper is produced. The article has some fine illustrations and is well worth reading.

The much discussed tunnel under the English Channel connecting the island with the mainland of France offers no insurmountable difficulties to the engineer. The bed of the channel is composed of firm impermeable chalk. Statistics indicate that there would be a profit in such a tunnel and the old political and military prejudices against its construction are now disappearing.

Investigations upon the magnetic properties of elements have shown that graphite is peculiar in its properties when in a magnetic field. By experimenting with lead pencils and various bars of graphite Mr. G. E. Roberts has found that the lines of force of a magnetic field are perpendicular to the planes of cleavage of the graphite crystal. The electrical resistance of the specimen is increased by several hundred per cent in some cases.

WHO HAS LOST A BOOK?

The stranger entering the office of the Superintendent of Buildings and Power is entitled to be astonished at the number of found, but unclaimed books and note-books which lie there awaiting owners. Cards are sent to those whose names are on the lost articles but even then the pile of all over one hundred books fails to diminish in size.

The second Symphony Concert of the year will be given today.

The New Model No. 5 Printype Oliver Typewriter makes an ideal machine for students' use. It is a marvel of simplicity, durability and ease of operation. Printype your notes and they will be twice as valuable to you. Easy terms if desired.

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