

**TECHNOLOGY CLUB**

At the Technology Club on Tuesday evening, March 23, will be held the eighth Smoke Talk of the season. Considerable interest was shown in flying machines at the recent talk by Prof. Rotch, and for this reason Mr. A. A. Merrill has consented to give a more technical talk on the subject. This will be entitled the "Discussion of the Theory and Practise of Flying, Treating of Gliding, Soaring, and Dynamic Flight." The talk will be illustrated.  
Members are privileged to invite guests.

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**COURSE I NOTES**

**Prof. Russell Preparing Manuscript for Book on Hydraulics**

During the mid-year vacation, J. E. Garratt and A. R. Cullimore, assistants in the Civil Department; A. T. Hinckley 1908, of the Chemical Department; A. L. Harding 1910, and J. A. Holbrook 1910, students in the Civil Engineering Department, spent ten days on a snow-shoe trip in the White Mountains. Ascents of the lower peaks around Jackson, including Wild Cat, were made, and on Feb. 4th Mount Washington was climbed. Thermometer and barometer readings were taken on all the summits for use in the Civil Engineering Department.

Prof. G. E. Russell is preparing manuscript for a text-book on Hydraulics, to appear some time early in the summer. Its basis is a set of lithograph notes which have been used in Institute courses during the past two years. The purpose of the author is to present to the teaching profession a book primarily written as a text-book, but so filled with reference as to be of value to the practising engineer. The subject matter includes a discussion of hydrostatics, and all the more important parts of hydrodynamics. No attempt will be made to introduce abbreviated, and consequently incomplete, treatment of hydraulic motors and machinery, as the author believes that such matter needs to be handled in a separate volume.

**RESEARCH LABORATORY**

Albany Street Station Outgrown  
New Station is Desired

Although the Sanitary Research Laboratory and Sewage Experiment Station at Albany Street has been in existence but four years, the present quarters have already been outgrown, and the work can be further continued only under restricted conditions. Professor Winslow, in a recent report, writes:

"The time has now come to put the work of the Sanitary Research Laboratory on a broader and more permanent basis. Work with our present Albany Street plant can be continued much longer only under serious limitations and disadvantages. The officers of the station greatly desire that it may be possible during the coming year to secure a more favorable situation for the conduct of these investigations, as well as one in which the principal laboratory work could be brought within the walls of the Institute itself."

The plant at Albany Street is considered by experts to be the best of its kind in the world. Especially has its work upon trickling filters and disinfection of sewage attracted wide attention all over the country. The particular plan developed at the station has been largely through the investigations of Professor Phelps of the Institute faculty.

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