

# THE TECH

VOL. XXVI. No. 26

BOSTON, MASS., FRIDAY, NOVEMBER 28, 1906

PRICE THREE CENTS

## TECHNOLOGY REVIEW.

Novel System of Student Administration  
Advocated by Alumnus.

The *Technology Review* for October, which has just appeared, is an exceedingly readable number, and contains much that should interest all connected with the Institute. Perhaps the most interesting article from the standpoint of the student is one by I. W. Litchfield, '85, on "Apprenticeship for Business Responsibility." A plan is suggested for the administration of the Institute's material affairs by undergraduate committees and officers, thereby training the students in management and responsibility. Mr. Litchfield says in part:

"What I should like to see accomplished is a consistent scheme of committee work which shall bring as large a number of men as possible within its influence, giving the students definite responsibility by placing the administration of the Institute's material affairs in the hands of a student democracy, the real control to be tactfully exercised by a resident engineer, who would thus be the head of one of the Institute's most important departments."

Then follows an interesting development of the scheme and a detailed plan for the practical working out of the system. This scheme, which at first may appear to be rather complex and impracticable, is found on further consideration to furnish a thoughtful and logical solution for one of the most important problems of college life.

James Phinney Munroe, '82 contributes an article on "The Standards of the Young Engineer." To obviate the danger of one sidedness, the technical student should be made to appreciate that behind and underneath his technical information and scientific skill he should possess at least three other things, seriousness of view, breadth of mind, and a sense of civic responsibility. Mr. Munroe urges the trustees and alumni to identify themselves closely with their college and its undergraduates. There is also in this article a sketch of the life of Professor Dugald C. Jackson, the new Head of the Electrical Engineering Department.

Some interesting statistics are presented in the Class Notes. Of the Class of 1901, 53 have married and have 34 children. There were 106 men in the class. As regards income, the largest reported is \$6,000, the smallest \$1,000. The average income reported by 75 men was \$1,850. The highest incomes occur in Mining Engineering where the average is \$2,625 a year. The average for Mechanical Engineering and Architecture is about \$1,625. Complete statistics of all 1906 men are given.

The registration of the Institute this year is 1,375 as against 1,430 for last year. F. E. Matthes, '05, sends a letter describing his investigation of the San Francisco earthquake, in connection with his work on the California State Commission. Other items of interest in the current *Review* are notes on the new '81 Gate at Tech Field, the Gymnasium, and the Lowell Institute Lectures.

## CROSS COUNTRY TEAM.

Team to Run in Intercollegiate Race Picked.  
Tech's Chances Considered Good.

The team that will represent Technology in the big intercollegiate cross country race at Princeton next Wednesday was picked as a result of the Tech-Harvard race last Friday, and this week has been doing enough work to keep in good condition. The first seven men that finished last Friday will start at Princeton. The program for training has consisted of a short walk each day, with only two runs.

The men chosen for the team finished in first, second, third, fifth, seventh, and ninth places last Friday, and the first three broke the record for the course. The men, in the order in which they finished, are Howland, '08, MacGregor, '07, Capt. Callaway, '08, Udale, '07, Chapman, '07, Bachellor, '08, and Patch, '10. These seven will all start in the intercollegiate, and the first four to finish will score. Capt. Callaway is very optimistic over Tech's chances.

The team will leave Boston Monday evening over the Fall River line and the next afternoon will walk over the course at Princeton so as to familiarize themselves with it. They will be accompanied by Manager Starkweather and Coach Mahan.

THE TECH is making arrangements to have the results of the race telegraphed to the News Bureau and will bulletin them in Rogers Corridor as fast as they are received. As it is expected that the race will finish before 1 P.M., the results will be in before 2 o'clock.

## CHEMICAL SOCIETY SMOKER.

At a meeting of the Chemical Society at the Tech Union Wednesday evening, L. E. Wemple, '08, spoke on the steel industry, particularly of the acid-Bessemer process for making soft steel as used at the Joliet, Ill. works of the Illinois Steel Co. H. W. Mahr, '07, spoke of the methods employed by the American Brewing Co. in the various stages of the manufacture of beer.

Prof. Talbot then related his experience in investigating the presence of fluorides in a beer manufactured in Newark, N. J., and supposed by the Board of Health to be adulterated. He and Mr. A. G. Woodman are now engaged in an investigation into the accuracy of the etching test for hydrofluoric acid.

After the conclusion of Prof. Talbot's remarks the meeting adjourned, and the members spent a sociable evening with pretzels, ginger ale, beer, and Tech songs.

## MUSICAL CLUBS OPEN SEASON.

The Musical Clubs opened their season last night with the annual concert at the rooms of the Boston Seaman's Friend Society on Hanover Street. The evening was delightfully informal and the concert a complete success in every way. The music for the clubs has been selected with excellent judgement, and while it is early to judge the work of the men, the showing made last evening promises much for a successful season.

## SHOW KOMMERS.

Special Night at the Tech Union. Large  
Attendance Expected.

Saturday night at the Tech Union, comes the Tech Show Kommers at which all who are interested in the Tech Show, or who intend to try for it this year are urged to attend. Upper classmen and former Tech Show men, besides a number of invited guests, will be present. A. Macomber, '07, will be toastmaster. Among those who will speak are President Pritchett, Dean Burton, Bursar Rand, and Professor Wendell. It is also expected that M. E. Emerson, manager of a former Tech Show, will speak, and that officers of this year's Show will explain their plans.

The dinner will be entirely informal and a number of the older men will be called on for impromptu songs and stunts. It is earnestly hoped that all who can do so will attend. Admission will be by tickets, which can be obtained for fifty cents at the Bursar's office, or from any of the following men: R. W. Parlin, A. Macomber, K. Vonnegut, C. W. Coffin, James McGowan, E. A. Hunt, J. M. McMillan, A. Allen.

## A. I. E. E. MEETS.

The second meeting of the year of the American Institute of Electrical Engineers was held in 6 Lowell, Wednesday evening at eight P.M., a large audience being present. Mr. Everett W. Burdett addressed the meeting on "Public or Private Ownership of Public Utilities. Which is Preferable?" Mr. Burdett is a well known lawyer, representing several of the largest electrical firms in Massachusetts. He has studied this question thoroughly both at home and abroad and his audience highly appreciated his address. Afterwards, a few minutes was devoted to discussion of the question. The meeting then adjourned.

Mr. Burdett said that there were two sides to Municipal Ownership, the theory and the practical application. He went on to make a comparison between the electrical industries of our own country and those of Great Britain, where municipal ownership has been tried, and has failed. Finally he said that the only way municipal ownership can be practicable is to have under municipal control only the things that are essential to man's preservation, such as water, etc., and to draw the line at ordinary business affairs, leaving those to individuals.

## TECH RECEIVES BEQUEST.

In the will of Charles Merriam of Boston, filed for probate yesterday in the Suffolk Probate Court, public bequests are made amounting in all to almost \$70,000. The largest is a bequest of \$25,000 to the Massachusetts Institute of Technology, while smaller bequests are made to hospitals, churches, and religious associations and charitable institutions of many kinds, especially those dealing with children and institutions which carry on an educational work for boys.

## CALENDAR.

FRIDAY, NOVEMBER 23.

4.15 P.M. Glee Club Rehearsal at the Union.  
7.30 P.M. Civic Club Meeting at the Union.

SATURDAY, NOVEMBER 24.

1.00 P.M. 1908 Prom Election Committee Meeting in Rogers library.  
1.00 P.M. All nominations for 1908 Prom Committee must be in at Cage.  
6.00 P.M. Show Kommers at the Tech Union.

MONDAY, NOVEMBER 26.

1.10 P.M. Tech Board Meeting in 30 Rogers.  
4.00 P.M. Banjo Club Rehearsal in 33 Rogers.  
4.00 P.M. Mandolin Club Rehearsal in 31 Rogers.  
4.15 P.M. Glee Club Rehearsal at the Tech Union.  
5.40 P.M. Every one over to Back Bay Station to see the Cross Country Team off.  
8.00 P.M. Musical Clubs Concert at the Young Men's Catholic Association.

## FACULTY NOTICES.

Fourth Year, Course II.—Marine Engineering is transferred from Saturday at 11 to Tuesday at 9.

Dynamics of Machines.—An examination will be held in Dynamics of Machines on Saturday afternoon, Dec. 15, at 2 o'clock, in 20 Eng. A.

Fourth Year, Course XIII.—Exercises in Marine Drawing on Wednesday will continue until 5 o'clock. The additional hour will replace the Saturday hour at 10.

## NOTICES.

Lost.—A Pearson's English Composition. Leave at Cage for H. I. Pearl.

Senior Portfolio.—Nominations will be received at the Cage until Saturday, Nov. 24, at 1 o'clock. Five men are to be elected.

Show Kommers.—Don't forget to get your Kommers tickets early; the supply is limited. On sale at the Bursar's office.

Basketball.—All who expect to try for the team must report for practice at once, as the team will be picked in two weeks.

Prom Committee.—There will be a meeting of the 1908 Prom Election Committee in the Rogers library Saturday at 1 P.M.

Rifle Club.—There will be an important meeting of the Rifle Club at 1 o'clock on Tuesday, Nov. 27, in Major Wheeler's office.

## ARCHITECTS ELECT NEW MEMBERS.

At a meeting of the Architectural Society held yesterday afternoon, the following men were elected members: J. F. Murray, '07, W. B. Kirby, '07, Chas. Everett, '07, F. H. Haskell, '06, C. L. Pitkin, '07, C. H. Preston, '08, H. F. Kulhner, '08, C. A. Albright, '07, J. R. Tabor, '09, K. C. Carpenter, '08, John Hatton, '08, R. T. Hyde, '08, A. F. Menke, '09, J. C. Bollenbacher, '09, and R. Kibbey, '09.