

# THE TECH

VOL. XXXII. NO. 74

BOSTON, MASS., FRIDAY, JANUARY 10, 1913

PRICE TWO CENTS

## FINANCE COMMITTEE MEETING YESTERDAY

**Large Gathering Discussed the  
Collection of Outstanding  
Dues.**

Last night the Finance Committee held its regular monthly meeting in the Union. A large proportion of the men attended the dinner which Stewart Colton had provided for them at 6.30. Then the men adjourned to the upper room to read their reports. Only about six members were absent, and of these only four failed to send in a report on time. These were Babcock of the 1912 Senior Portfolio, Lawrence of the Mining Engineering Society, the "Concerning M. I. T." Committee, and the Musical Clubs (delayed on account of change of treasurer).

H. D. Peck read the report of the committee appointed at the last meeting to investigate the possibility of posting the standing of men in regard to payment of class dues. After considerable discussion the Finance Committee voted to recommend to the Institute Committee that action be taken on the report as presented to them.

Then the detailed statements of the financial standing of the various activities were read and discussed. Almost every one of these activities is well situated financially, except that all the reports show that there is a possibility of greatly increasing the money on hand by greater efforts in securing dues.

Mr. Litchfield suggested that the graphic representation of the financial standing of many of the activities would be desirable and easily obtained. The committee voted that the treasurers of any activity having dues make out a report of the number of dues still to be collected and the percentage of dues collected.

The next meeting of the committee will be held February 13th, at 6.30, in the Union.

## M. E. SOCIETY LECTURE.

**Dr. Rosenzweig Will Talk on  
Lentz Engine Monday.**

The Mechanical Engineering Society has secured a noted speaker for Monday, January 13th, in the person of Dr. Rosenzweig, who will lecture on the operation of the Lentz Engine under superheated steam. This lecture will be illustrated and will, according to the officers of the society, prove very interesting. The society has asked all Course II men to be present, whether or not they are members of the society.

Dr. Rosenzweig has delivered this lecture at Minnesota, Yale and other large universities, where it has always been well received and much appreciated. It is hoped that many men will be present to listen to this unusual treat. The meeting will be held at a time which is convenient to most men, namely, 4.10 P. M. on Monday, January 13, in Room 11, Engineering B.

## EDISON LEAVES.

Charles Edison, '13, has left the Institute to take up work with his father, Thomas A. Edison, the alleged mysterious donor of \$2,500,000 to the Institute last summer. He intends to return next year, however, to complete his course.

## FLICKERING LIGHTS EXPLAINED AT LAST

**Power Plant Invaded by Course  
II Men for Testing  
Purposes.**

No doubt many readers of THE TECH have noticed the unwanted variation in the electric lights during the last week. THE TECH has been very much annoyed by this flickering, and last night resolved to find the cause. As a result of this resolution a representative was sent over to the power plant in the Lowell building, and a most unheard-of state of affairs was brought to light.

It appears that a number of Course II men, under the guidance of Mr. Eames, have invaded the building within the last week and have practically taken possession for the purpose of what they call a "plant test." It seems that a "plant test" involves stationing students all through the building, in the way of firemen, who were retained because the ability of the Tech boys as stokers is doubtful. It might be stated here, too, that the students are averse to doing any more work than is absolutely necessary, and more chairs and tables are visible in the power plant than have been there for many a long day.

THE TECH having sworn to unearth the difficulty, immediately sent a representative to the boiler room. Here it was found that the fires were going brightly and seemed to be in the pink of condition. This, however, was no fault of the Course II men, for the regular firemen had been retained, as before stated. But what a sight met the eyes of THE TECH representative at the junction of the coal and ash tracks, where a little turn-table is located. Three big, husky mechanical engineers were gathered in a circle about the turn-table. The floor was marked off in radial sections, and in most of the sections various articles of value were plainly visible. Money predominated in one pile, while in another was a gold watch. One pitiful sight met the eye. Way off in one corner of the section, marked "red," was a patent leather shoe. It was also noticed that one of the men was in his stocking feet.

One of the three men about the turn-table now rolled in the coal car, in which was a more or less round lump of coal. The car was placed on the table and started spinning. The coal shot off at a tangent and landed in the black. Our poor friend of the one shoe consequently was compelled to go home in his stocking feet. Thus were the weary hours between faculty inspections whiled away in the boiler room. It might, perhaps, be well to state in passing that one man was supposed to be weighing the feed water for the boilers; another, to take the temperatures both in and outside the boiler room, the temperature of the feed water, etc. The third man was supposed to record the temperature of the flue gases and weigh the coal used. Of course each man swore by all that he held dear that he had the hardest job in the whole test.

Not having found anything particularly wrong downstairs, search was made in the engine room for the trouble. Here there was a worse mess than downstairs (if that were possible). One man was supposed to discover the quality of the steam fed to the engines by means of several little ther-

(Continued on Page 2.)

## PROF. SEDGWICK VISITS WASHINGTON

**Head of Department of Biology  
Member of Party Making  
Sanitary Survey.**

Professor Sedgwick has recently been appointed by Surgeon-General Blue of the U. S. Public Health Service as a special sanitary expert in connection with a sanitary survey of the Potomac River about to be undertaken by that bureau.

The Potomac River is a typical interstate stream, and is much polluted by the sewage of Cumberland and Hagerstown, Md., Winchester, Harper's Ferry, Alexandria and many smaller places in Virginia, and especially by the sewage of Washington and Georgetown, in the District of Columbia.

The U. S. Public Health Service, having acquired under a recent act of Congress greatly enlarged sanitary powers, proposes to make investigations of certain interstate streams partly for the purpose of studying the actual conditions of pollution which exist, partly in order to determine the best methods of preventing or correcting such pollution, and partly for the purpose of dealing with the question of food supplies in rivers and streams, such as fish and shell fish.

Professor Sedgwick was in Washington last week, and with some of the attaches of the U. S. Public Health Service and the Health Commissioner of the State of Virginia, Dr. E. G. Williams, made a preliminary trip down the Potomac and visited the sewage pumping station of the city of Washington. He also assisted the local investigators in drawing up a preliminary plan of investigation, and in deciding upon methods of securing a series of samples of water and sewage for chemical, bacteriological and microscopical analysis.

Professor Sedgwick has been for some ten years a member of the Advisory Board of the Hygienic Laboratory of Federal Health Service, and is therefore well acquainted with the various officials and the means at their disposal for making such an investigation. He believes that this is only the first of many such inquiries which are likely to be made in the near future, with a view of determining more accurately than can now be done the conditions of sewage pollution of interstate streams, such as the Mississippi, the Missouri, the Ohio, the Potomac, and of the Great Lakes, into which some of our largest cities pour their sewage, at the same time taking their drinking water from the same bodies of water. He is confident that under the recent act of Congress referred to above the U. S. Public Health Service is bound to develop rapidly into one of the most important, influential and useful branches of the Federal service.

## 1915 FOOTBALL.

It was formerly announced that the members of the 1915 football team would have their pictures taken in company with the M. I. T. A. A. at Notman's today, but on account of some error in the arrangements only the M. I. T. A. A. pictures will be taken. The pictures of the football team will be taken on Wednesday, January 15, at 1.30 P. M.

## INTERCLASS MEET THIS EVENING

**Juniors Picked to Win—All  
Events Likely to Be Closely  
Contested.**

Tonight, at 8 o'clock, in the Tech Gym, will be held the banner athletic event of the winter season, the interclass meet. From the ability the runners have shown so far the results will be as good, if not better, than in previous years. In most of the events there is an abundance of good material, all very nearly of equal ability. This fact insures the spectators very close, interesting races, while in the high jump it may take a jump of five feet ten or eleven inches to win. Although there is a dearth of good material in the shot-put, all the entrants will probably be within a foot of the winning man.

The list of entrants has not been materially increased over that published in yesterday's issue of THE TECH. The entries have not yet closed, but it is desired that all intending to enter do so as soon as possible. Not only numerals will be awarded to point winners, but the first man in each event also wins his a-ta. This alone offers a fine opportunity for all the men.

At present the Juniors seem to be the favorites for class honors, with the other three candidates making a close fight for second place. The Juniors should win the first two places in the thirty-yard dash, first in the quarter-mile run, first in the high jump, first in the hurdle race, and several seconds and thirds. The Seniors should win the half-mile, the Freshmen the mile run and pole vault, but the outcome of the shot-put is hard to predict. From this it is easily seen that the Juniors have good reason to be the favorites.

## INSTITUTE COMMITTEE. By-Laws to Be Presented at Meeting This Afternoon.

This afternoon the Institute Committee will hold a very important meeting in 8 Eng C at 4.15. The committee on By-laws of the proposed constitution of the M. I. T. Undergraduate Association is to report then, and it is expected that there will be considerable discussion of its report, as many of the by-laws have been formulated only after months of work by the committee, and in some cases the discussion of them has in committee not been concluded. There are also reports of other committees to be presented, and the matter of activities that have lost their representation because of non-payment of dues is to be considered.

## M. I. T. A. A. PICTURE.

The picture of the M. I. T. A. A. will positively be taken today, January 10, at 1.15, at Notman's.

## CALENDAR.

Friday, January 10, 1913.  
1.15—M. I. T. A. A. Picture at Notman's.  
Saturday, January 11, 1913.  
4.00—Hockey Team Leaves New Haven to Play Yale.  
8.00—1915 Basketball Team vs. St. John's Prep Team, at St. John's.  
8.00—Orchestra and Glee Club Concert—Colonial Hall, Lowell.

# THE TECH

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FRIDAY, JANUARY 10, 1913

## PUNCTUALITY.

The question of punctuality is one of the most important "little" things of life. The man who is on hand at the time he agreed to be, who is never late to an appointment, who remembers that time is as valuable to other people as to himself, is the man who succeeds, no matter in what business he may be engaged. Here in Technology we are forming habits that will last throughout our whole life. We are associating with men who will, perhaps, be able to help us along at some later period of our career, and it is up to us to demonstrate to each other that we are worthy of aid. If we show ourselves to be punctual and as reliable as a fine watch this trait counts one point in our favor. Furthermore, the men who have the most points in their favor are the ones who are going to do the helping rather than being helped.

Now what does this lead up to? Simply the old question of getting to classes on time. When a man comes stamping into a recitation or lecture room five or ten minutes late the whole class is disturbed and the discussion interrupted with great loss of time and continuity. Such a proceeding is not fair to your classmates, men! You are stealing their time! You would not steal their money nor any other valuables belonging to them. But just because time is less tangible than other valuables you forget that it has greater value than almost all other things combined, and that is the thing on which all others depend. Hence, when you interrupt a lecture or recitation because you were too thoughtless to hurry a bit you are stealing one of the most valuable things in the world.

The next time you are tempted to be late to a lecture just stop and think that you are stealing five minutes from one hundred or more men, or a grand total of eight hours and twenty minutes, a good working day.

## PLANT TEST.

(Continued from Page 1, Col. 2.)  
Emile Legouis, professor of English Literature at the Sorbonne in Paris, will deliver his second lecture on William Wordsworth in Huntington Hall at eight this evening. He will take up the influence of the French Revolution and of William Godwin on Wordsworth's life and works.

## UNION DINING ROOM REPORT SUBMITTED

Finance Committee Receives the Report of Present Standing from the Bursar.

At the meeting of the Finance Committee last evening the following report of the finances of the Union was submitted by Bursar F. H. Rand. This report covers all the finances from the beginning of the school year and gives a very good idea of the assets and the liabilities connected with the maintenance of the Union.

Check Union account up to and including Jan. 4, 1913.

ASSETS.  
Supplies on hand ..... \$930.43  
Candy and Tobacco on hand 209.00  
Dining Room receipts ..... 7,404.96  
Private Dinners ..... 857.96  
Unpaid bills ..... 588.72  
Sales of Mdse ..... 238.89  
Sales of banners ..... 70.75  
Sales of candy and tobacco 883.97

\$11,184.68

LIABILITIES.  
Supplies bought—Dining Rm 6,624.33  
Candy and cigars ... 747.80  
Pay-roll ..... 2,477.12  
Student pay-roll ..... 497.62  
Petty cash ..... 72.39  
Banners ..... 72.75  
Trucking ..... 3.40  
Repairs ..... 176.34  
Summer Camp (Bought) ... 63.00  
Laundry ..... 84.36  
Electricity, water, gas, etc. 340.00

\$11,159.11

Profit ..... \$25.57

## COMMUNICATION.

To the Editor of THE TECH:

For several weeks the T. C. A. talks have been disturbed by the noise coming from the small room in the Union, but last Tuesday it was more noticeable than ever. Bishop Thomas must have received a rather poor opinion of some Tech men, and no one could blame him much. The noise grew so loud Tuesday that the door had to be closed. Probably the men who were responsible for the disturbance were unaware of the unpleasantness that they caused, but it seems that they might be a little more considerate of the others, even if they did not want to listen to the talk themselves.

## HARVARD CLUBS.

During the Christmas vacation the Harvard Musical Clubs went on a trip to the South and Middle West, which did much to arouse interest in the University, and thus aid the movement which has been started by the territorial clubs. Since their return President Lowell has received many letters both from the Harvard Clubs and from individuals in the cities visited which were unanimous in expressing praise of the work of the clubs, and show that the impression created was in all cases favorable to the University's interests.

## LOWELL INSTITUTE.

Yesterday afternoon, in Huntington Hall, at 5 o'clock, Prof. Rudolf Eucken, of the University of Jena, gave the second lecture of his series on The Fundamental Problems of Human Life. His subject was "A Defense of Morality" and that of his next lecture to be delivered on Tuesday will be "Religion and Philosophy."

Emile Legouis, professor of English Literature at the Sorbonne in Paris, will deliver his second lecture on William Wordsworth in Huntington Hall at eight this evening. He will take up the influence of the French Revolution and of William Godwin on Wordsworth's life and works.

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## ORCHESTRA WILL GIVE CONCERT TOMORROW

Tech Show Organization to Give Program at Lowell at 8 O'clock P. M.

Lowell, Massachusetts, has been selected as the town to hear the Tech Show Orchestra tomorrow night. The concert will be given in Colonial Hall at 8 P. M. sharp.

The Orchestra has been drilling very faithfully for some time, and the managers expect to put up an excellent performance. The program includes eleven numbers, divided about equally between orchestral and vocal selections.

A new conductor has recently been appointed in the person of Mr. Osbourne McCarthy, a master musician. Mr. McCarthy will have charge of the preliminary concerts, will get the music for the show into shape for publication, will drill the chorus in the show, and will take charge of the musical side of the show in general. Under his guidance the managers expect to stage the best show that has been put on the boards by Technology for many years as far as music is concerned.

As it is necessary for all Orchestra men to be at Lowell promptly, the following men will kindly don their dress suits and be at the North Station in time to take the 6.03 P. M. train.

First Violins—A. M. Eisenberg, '12; P. M. Ginsburg, '14; V. C. Short, '15; O. C. Clisham, '14; H. L. Foster, '16; D. L. Patten, '16; B. H. Kerstein, '15; H. W. Ellis, '16.

Second Violins—C. M. Berry, '14; E. L. Haumann, '16; E. M. Fisk, '14; C. H. Ober, '14; S. M. Ellsworth, '16; F. E. Rudolph, '13.

Violincellos—F. L. Surls, '14; H. A. Sweet, '14; R. G. Dickinson, '15.

Cornets—N. E. Brooks, '14; F. D. Chandler, '16.

Clarinets—R. J. Tullar, '13; L. B. Miller, '15.

Flutes—E. E. Smith, '15; E. P. Boucher, '16.

Trombones—S. T. Helseth, '15; S. R. Holmes, '14.

Bass—R. W. White, '14.

Viola—M. O. Shin, '16.

Traps—H. M. Warren, '16.

Piano—J. M. Phillips, '16.

Quartet—G. Ewenson, '13; R. Doremus, '14; K. Robinson, '12; V. M. F. Tallman, '14.

The program which will be rendered follows:

1. March—"Through War to Victory".....Von Blon Orchestra.
2. Vocal Quartet.....Selected Quartet.
3. "Norwegian Dance".....Grieg Orchestra.
4. Reading ..... Selected H. G. Mann, '16.
5. "Song of the Soul".....Briel Orchestra.
- INTERMISSION.
6. March, from "Suite".....Lachner Orchestra.
7. Vocal Quartet.....Selected Quartet.
8. "Venetian Love Song".....Nevin Orchestra.
9. Vocal Solo—"Oh, Promise Me,".....DeKoven V. M. F. Tallman, '14.
10. "Waves of the Danube".....Ivanovici Orchestra.
11. "Stein Song".....Bullard, '87

## HARVARD UNION.

## Professional Vaudeville Entertainment Given.

Last evening, in the Harvard Union, a kind of entertainment entirely new to the University in recent years, was presented in the living room. The entertainment took the form of a vaudeville show, similar to the performances which used to be exceedingly popular several years ago. The program consisted of acts presented by professional thespians from various vaudeville circuits, and was made up of the following numbers:

The Troubador Four, colored entertainers.

Frank Busch, the dean of story tellers.

Little Jerry McCarthy, the original Red Sox Mascot, in popular songs.

S. Wilson Bailey, prestidigitator.

Mr. Lowe, piano accompanist.

The attendance was gratifyingly large, and the performance was highly successful in every respect.

PLANT TEST.  
(Continued from Page 2.)

be seen in the center of the room where several young gentlemen were located with the intention of keeping track of the performance of the engine under test? Here, it seemed, the trouble was to be found, for these gentlemen were hotly discussing the question of whether "Why is why and why not." In the lulls of the debate they would bury their faces in huge wedges of chocolate pie and seemed perfectly happy. The poor old engine in the meantime was groaning under tremendous overloads with ever and anon a drop, causing it to race before the governor came into operation, due, no doubt, to a fuse giving out in some distant spot. Here certainly was the cause of the flickering lights. The search was practically ended. The representative turned to go, but as he rounded the corner of one of the dynamos he came so suddenly upon the two young men who were supposed to weigh the condenser water that they had no time to put away their cards and chips. These two men did not have anything to do with the lights, but their actions serve to illustrate the general feeling of earnestness which characterizes all college men when the prof's back is turned.

Satisfied that he had discovered the trouble, and being assured that the test would be over by 8 A. M. tomorrow, the representative returned to the office.

It seems that each year Course II men ruin the lights and apparatus of the 'Stute in this manner. It is a necessary part of their equipment for life and its problems, and for this reason we are all willing to allow them one week of pleasure fooling with our expensive apparatus. The young gentlemen (Seniors all), will eventually be full-fledged mechanical engineers, but as operators of a power plant they still have a little to learn. It is indeed fortunate that the regular firemen were retained or we would probably have no lights at all.

## THE TECH UNION BARBER SHOP

Located at the

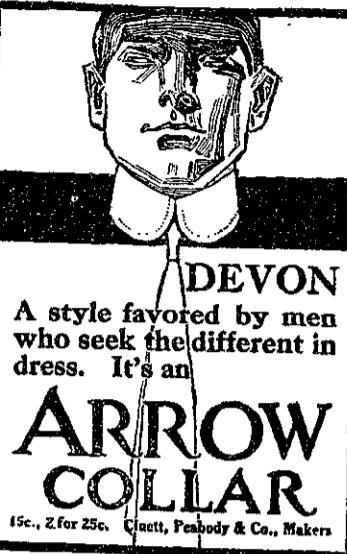
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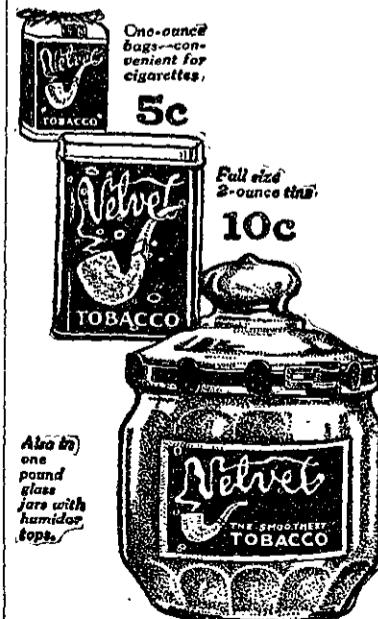


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NOTICE.

1915 Class Officers' Picture at Notman's, 3 Park street, on Thursday, January 9th, at 1.15 P. M.

FOUND—A watch. Please apply at the Bursar's office. F. H. RAND. Bursar.

INSTITUTE COMMITTEE picture at Notman's, 3 Park Place, Tuesday, January 14, at 1.15 P. M.

LOST—A pair of glasses. V. S. Katzenstein. (Thurs-Sat)

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MASSACHUSETTS INSTITUTE OF TECHNOLOGY.

Boston, Mass.,

January 3, 1913.

The class in Knots and Splicing meets on Tuesday, from 10 to 11, and on Wednesday, from 4.15 to 5, in Huntington Hall, and on Friday, from 10 to 11, in Room 44 Rogers.

WALTER HUMPHREYS.  
Registrar.

1915 FOOTBALL Team Picture at Notman's on Wednesday, January 15, at 1.30.

FACULTY NOTICE.

Fourth Year Hydraulics—Course II.

Sections 1, 4 and 5 will recite in Room 20, Engineering B, on Tuesdays, Thursdays and Saturdays, from 9 to 10 A. M.

Sections 2 and 3 will recite in Room 49, Engineering A, on Tuesdays and Thursdays, and in Room 21, Lowell, on Saturdays, at the same hour.

All sections should prepare articles 6 to 12 inclusive of Russell's Hydraulics.

WALTER HUMPHREYS.  
Registrar.

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