

THE TECH

VOL. XXX. NO. 67

BOSTON, MASS., FRIDAY, DECEMBER 23, 1910

PRICE TWO CENTS

BASKETBALL TEAM TO PLAY IN NEW YORK

Squad Leaves This Morning For Games With Brooklyn Polytech and C. C. N. Y.

TEAM CONFIDENT OF SUCCESS.

Corrected Schedule for Remainder of Season Announced.

The Varsity basketball team leaves this morning at 10 o'clock for their Christmas trip to New York. They will arrive in the city at 4 o'clock and go directly to the Hotel Cumberland, where they will put up during their stay. Dinner will be served at the training table in the hotel, and directly afterwards the team will go to Brooklyn for the game with Brooklyn Polytechnic Institute.



L. W. CHANDLER, 1912.
Manager Basketball Team.

This game ought to go to the Tech quintette, because the Brooklyn team is rather light for a college five and has not the speed of their opponents. It will not be a walkover by any means, however. After the game the men will return to the hotel to wait and rest for the game with the speedy team from the City College of New York. This is the team that played all around Yale the other night, defeating them by a score of twenty to fifteen. The Institute has had some trouble in past years to defeat this team, for they are very fast and play a steady, consistent game. Undoubtedly the game will be fast and close, and ought to attract a number of the Tech men who are to be in New York for vacation. The result will give a chance to compare the Institute team with Yale.

The Tech team starts on the trip with only one handicap, that is the enforced absence of Palmer, the star forward. He has been suddenly called home and will be absolutely unable to take part in any of the games on the trip. This leaves the team in a rather bad hole, but Carl Ell, the sub-forward, is a clean, accurate shot from any part of the floor and he will give the team almost as much life and fight as would the presence of Palmer himself on the floor, although Ell is a much easier man for the opposing back to take care of. While it is pretty hard to pick the winners, it is certain that Captain Parker's boys will put up a strong fight and will make their opponents travel to defeat them. Captain Park-

(Continued on Page 3.)

ROAD CONSTRUCTION AND MAINTENANCE

Mr. F. C. Pillsbury of the Mass. Highway Commission Speaks Before Civil Engineers.

OFFICERS ELECTED.

H. L. Robinson Is Made Vice-President and Richmond and Wilson Get Positions.

At the last meeting of the Civil Engineering Society of the year, yesterday afternoon, the subject discussed was "The Methods of Road Construction and Road Maintenance." The speaker was Mr. F. C. Pillsbury, who is a member of the Massachusetts Highway Commission, and he dealt with the subject in a most interesting manner.

Road building and maintenance are fast coming to be subjects of the greatest importance to engineers, and though members of the profession are now somewhat hampered in their work by the interference of local politics, it will not be long before all the roads and streets of any given State will be under the supervision of a centralized commission. This is the plan adopted in France, and it works extremely well. In Massachusetts the work is divided among five division engineers, who report to the chief engineer at the central office. Under the direction of these division engineers comes the work of the many resident engineers. When any locality desires a road to be built a petition is sent to the Highway Commission, and then a survey is made. The division engineer then looks over the results of this and visits the ground in question. Then he makes recommendations as to the kind of work to be done, and bids are called for. When the contractor has finished his job the road is again turned over to the division head to be kept in good condition.

The maintenance of a road is much more difficult than the construction of it. It is an art rather than a science, though a most excellent knowledge of the effects of nature on the roads is necessary. The effects of frost and of surface water must be noticed very carefully, and the kind of traffic must be watched.

When macadamized roads were first built in this country they consisted of layers of stone on a firm foundation, and the only rolling given was that due to the passage of traffic. Now the stone is put on in assorted sizes, and various binders are used, the whole being firmly pressed together by a heavy roller. The binders used are tar, oil and grout.

There are many ways of applying the substance used. It can be sprayed on by a tank wagon, put on by hand, or put on in layers without being mixed at all.

In this State, last year, the first attempt in the history of the world to oil an old macadam road was made. This method worked very successfully, and is now used a great deal.

Before the talk a business meeting was held. New members were elected, and the following officers were unanimously chosen to fill the existing vacancies: Vice-President, H. L. Robinson; Executive Committee, C. G. Richmond, and Program Committee, A. O. Wilson. All of these men are Seniors.

This year's registration at Bowdoin stands at present at 332. The Junior class is the largest, numbering 88.

The board of trustees at the University of Mississippi has voted to abolish all Greek letter secret societies in that institution.

ELECTRICALS VISIT SIMPLEX CO. WORKS

Applications of Recent Lecture Explained Practically By Mr. Morss.

FORTY MEMBERS ATTEND.

Largest Manufacturing Plant of Insulated Wire in the World.

The E. E. Society held excursions to the Simplex Electrical Company's plant on both Wednesday and Thursday. A party of about twenty men visited the plant on each of these days. Mr. Henry A. Morss, vice-president, had described the process of insulating wires to the society at its meeting Tuesday evening in an illustrated lecture which gave the men a much better opportunity to appreciate the processes as actually seen in the factory, and made the excursion of real educational value. At the factory the party was divided into small groups of four or five, and the different groups shown about by Mr. Morss, Mr. Middleton and others. Each step in the process was carefully explained as the different places were visited, from the tinning of the bare copper wire preparatory to insulation to the armoring of large submarine cables. The method of testing the wire and "tasting" for faults proved to be very interesting, and the "tasting" especially amusing.

The Simplex Company is, perhaps, the largest manufacturer of rubber insulated wire in the United States. The varieties of wire so insulated seem to be without number.

This was one of the most interesting excursions the society has held, and was made so by the great courtesy of Mr. Morss and other officials who took such pains to show the men everything.

PRESIDENT MACLAURIN TO ADDRESS STUDENTS

Massachusetts Men to Be Urged to Interest People in Work of Institute.

At 1 o'clock today, in Huntington Hall, President MacLaurin will meet the students of the Institute who come from Massachusetts, in order to talk to them about the carrying out of the plans made to get a grant of money from the State Legislature. These students are to be asked to use their influence in their home towns to increase the knowledge of Technology and to tell of the work the Institute is doing and the funds it needs. There is a chance for students to do a genuine good, and a large number of men should report at the meeting.

PRELIMINARY TRIALS FOR RELAYS HELD

Results Very Satisfactory and Outlook Good For Fast Teams.

Preliminary trials for the 390 and 880-yard relays were run off yesterday afternoon at the Gym. Considering that the men have not been training long, the trials were very satisfactory.

However, the good showing of the afternoon was marred by ten men failing to show up for their trials. These men all had a chance for the teams, and Coach Kanaly thinks it

(Continued on Page 2.)

SECOND MEETING OF FINANCE COMMISSION

Good Results Shown in Systematizing Bookkeeping.

ALL ACTIVITIES HEARD FROM.

Heads of All Organizations Profit By Learning of Methods Used By Others.

The second meeting of the Finance Commission was held last evening in the Union and very encouraging reports were given out from practically every activity of the Institute. Nearly all of the organizations showed that they had profited by the advice and criticisms offered at the last meeting of the commission, and the financial condition or prospects of all was encouraging.

Written reports of all of the activities have been handed in to the commission since the last meeting. Most of these reports made it necessary for the respective treasurers to systematize their bookkeeping to a greater extent than formerly, which would seem to be a very important step in putting all of the activities on a good financial basis.

The next meeting of the commission is scheduled for Wednesday, January 12, 1911.

ENORMOUS FIRE LOSS IN CHICAGO

Entire Packing District Threatened — Forty-three Firemen Killed.

Two great fires, one in Chicago and the other in Philadelphia, yesterday, took the lives of 43 firemen and caused a loss of more than a million and a half dollars. In Chicago the fire killed forty firemen and severely injured thirty others, including Fire Chief Horan and two of his assistants. The whole packing district was threatened and the large meat packing plant of Nelson, Morris & Co. was entirely demolished. The firemen who were killed were caught under a falling canopy which collapsed just as they were about to run a line of hose through the entrance beneath it. In Philadelphia, the leather factory of D. Friedlanders stands in a heap of ruins, and an incomplete list of the fatalities shows a death roll of thirteen. Owing to a lack of water in both places the efficiency of the fire departments had been reduced to a minimum.

A number of very destructive fires took place in Boston yesterday also, the greatest damage being felt by the Hotel Epicure, which was damaged in an early morning conflagration to the extent of \$100,000.

CALENDAR.

Friday, December 23.

1.00—Address by Dr. MacLaurin to Mass. Students—Huntington Hall.
4.00—Gym Team Practice—Gym.
5.00—1914 Basketball Practice—Gym.
8.00—Tech B. B. vs. Brooklyn Polytech—Brooklyn.

Saturday, December 24.

8.00—Tech B. B. vs. City College of New York—New York.
8.00—Reception to Undergraduates by President and Mrs. MacLaurin—Bay State Road.

Saturday, December 31.

6.30—Cosmopolitan Club Dinner—Technology Club.

A Merry Christmas & A Happy New Year

THE TECH

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W. Tarr, 1912.....Managing Editor
A. L. Myers, 1911....Institute Editor
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FRIDAY, DECEMBER 23, 1910.

With this, the last issue of The Tech for 1910, we wish every one of our readers a "Merry Christmas and a Happy New Year," and, what is more to the point, a week of rest and good cheer to put one into the best of trim for the coming year.

One Tech man was heard to remark that he hoped to sleep twenty-five hours a day next week, but the majority no doubt, expect to enjoy a more sociable time. Those who live in New York should remember that Tech is playing basketball there this week, and it is in their power as much as anyone's to make these games a success and to spread the good name of the Institute.

In regard to the good name of the Institute, there is at present a widespread misconception of the M. I. T., and it is up to each one of us to put the Institute in its true light. In the first place, in many parts of this country, the Institute is termed "Boston Tech," an appellation which seems to signify an institution of local standing. For an institute drawing its numbers from all parts of the globe, even our correct title may seem entirely too local, but the use of the term "Boston Tech." applied to the Institute, should be discouraged and corrected whenever heard.

Another false impression affects our reputation as a center of social activities. Our high scholastic standards and our thorough technical training are everywhere acknowledged, but a popular conception sums up Technology as a mere grind. Whether it is true that we work hard here at the Institute, the word "mere" should be crossed off from the popular conception. When you are talking about the Institute this Christmas, tell about the broad, well-balanced training received at the Institute. Mention the social life,—the athletic successes, as well as the purely technical side of Tech. Tell about "the best college Show in the country," the Musical Clubs and the other student activities. Be active in your campaign. Put the M. I. T. in the proper light in all its aspects and boom Tech for all she deserves.

COMMUNICATION.

I should like to be allowed the use of a little space in the columns of your most worthy paper to make a few comments on, and offer a few suggestions to the Calendar Committee. The most noticeable recent case of doubling up of several events occurred on Wednesday night, when there were four "big" meetings pulled off: the basketball game with Boston College, a big Chemical Society meeting, a Mining Society dinner and the Catholic Club meeting. Now, while the Chemists and the Miners might not interfere with each other, they both would with the basketball game or the Catholic Club. I understand that the purpose of this committee is to oversee the dates made by the different activities and see that they do not conflict in any way. As this was the object for the formation of the committee why is it allowed to go on in this shiftless, do-nothing way? There is certainly a great need for a good live committee of this sort here, and it is a shame to have things go on in this way. If the Calendar Committee, as at present constituted, has not the time to do this work and do it well, it would be a very humane and public-spirited act to resign from office and have a new and more efficient committee organized. Let us hope that the new year will bring a new order of things so that we shall, to a certain extent, at least, have different nights assigned to the different activities whenever they arrange to hold something that might draw the crowd from some other. A Very Merry Christmas.

DEMI TASSE.

PROGRESS BEING MADE IN TECHNIQUE WORK

That very rapid progress was being made in all branches of the work on Technique was the statement given out after the weekly meeting of the Board of Editors yesterday afternoon. This meeting being the last before the holidays, a number of very important matters were brought up.

The bids from the different printers were read and discussed, and the contract was awarded to one of the best printing firms in Boston.

It was reported that the ads were coming in very well, but that another crusade will be started after the first of the year. The art work so far is very good. A very clever and artistic cover design has been handed in.

So far the competition for class histories has not been very keen, but the editors hope that more will be turned in shortly as it has been announced that a de luxe edition will be given to the one writing the best history.

As a whole the editors are very well pleased with the progress made thus far, and the men seem to be working together well.

(Continued from Page 1.)

was either great lack of spirit or a case of "cold feet" with them. It is undeniably a great wrong to the team for men to drop out when the trials come. Even if they do not make the team, their running will make competition stronger and bring out a faster team. However, if these men work faithfully they may be given another chance for the teams. A Christmas gift of a stop-watch was presented to Coach Kanaly by the members of the team. Frank says he was so surprised that he could not express his thanks fully, and he wishes to take the opportunity and again thank the men through this article.

Both relay squads were reduced considerably. There remain on the 390 team, besides Captain W. C. Salisbury, 1911, E. W. Bowler, 1911; C. L. Gabriel, 1912; T. H. Guething, 1914; B. S. Munch, 1913; A. G. Thompson, 1912, and R. C. Thompson, 1913.

The half-mile squad consists of the following: W. R. Bylund, 1913; E. E. Ferry, 1912; E. T. Marceau, 1912; W. R. Mattson, 1913; A. S. Milliken, 1913; L. O. Mills, 1911; A. F. Nye, 1914; R. D. Sampson, 1913; A. R. Stubbs, 1914, and P. D. White, 1911.

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Men's Bath Robes

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THE RELIABLE REPEATERS

(Continued from Page 1.)

er is optimistic and the management feels that the men on the squad will play their best, and that their best will be good enough. The men are full of life and snap, and everything is in perfect harmony among the members of the squad. This is, of itself, a great help in winning games, for it makes the men pull together as nothing else will.

The following men are with the team: Captain Parker, Ell, Johnston, Darling, Crocker, Schar, Freedman and Manager Chandler.

Manager Chandler wishes to announce the corrected schedule as it now stands for the remainder of the season.

- Jan. 4—Boston College, Boston.
- Jan. 7—Dartmouth College, Hanover.
- Jan. 14—Brown University, Boston.
- Jan. 26—Syracuse University, Syracuse.
- Jan. 27—Rensselaer Polytechnic, Troy.
- Jan. 28—Union College, Schenectady.
- Feb. 4—Williams College, Williamstown.
- Feb. 11—Brown University, Providence.
- Feb. 17—Tufts College, Boston.
- Feb. 21—Wesleyan University, Middletown.
- Feb. 22—Dartmouth College, Boston.
- Feb. 25—Rhode Island State, Boston.
- Feb. 28—Tufts College, Medford.

FRESHMAN MEETING HELD YESTERDAY

On account of a conflict, the gathering of the Freshman class in Huntington Hall yesterday was not very large. The absence of the secretary of the class prevented the reading of the minutes. The Constitution Committee had prepared a report of their investigations, and this report included the adoption of the constitution of the class of 1912, but with four or five amendments. This report was accepted.

Then Treasurer Owen gave a report of the financial standing of the class, and both he and President Krueger urged the payment of class dues by those who have not already done so. Mr. Owen announced that shortly he would appoint a man in each section of the class whom he could reach easily to look after the business of the class in his section. The amount of cash on hand, compared with outstanding bills against the class, makes it the duty of every Freshman to pay his dues right away.

President Krueger pointed out also that there was really a scarcity of men out for basketball and track work. More men would be welcomed.

Then a discussion of the Freshman dinner, to be held after the mid-year examinations, was held. The points that were to be considered primarily are the price of the dinner, the place, which is really dependent upon the price set, and the date. The decision of this question was finally left to a committee. This committee will be glad to receive suggestions on the matter.

FATIMA

TURKISH BLEND CIGARETTES

PSYCHOLOGY

The brain is a complex organism with many marvelous attributes.

Memory is one of them—hence do not forget Fatimas.

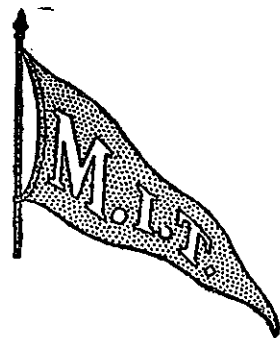
Thought is another—think of their goodness, their distinctive individuality.

Intelligence—the master thought is what we use in blending such rare tobaccos.

And Reason, well, they appeal to you because you cannot "reason" any other cigarette so satisfying and enjoyable. College men say they're "different"—and they know.

20 for 15 cts.—in a plain package—and you get ten additional.

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With each package of Fatima you get a pen-nant coupon, 25 of which secure a handsome felt college pen-nant (12x32)—selection of 100.

It won't leak MORE'S NON-LEAKABLE FOUNTAIN PEN

If you were to buy a pen so constructed that it couldn't possibly leak,—

One that you could carry anywhere and in any position in your pocket or bag and know it was absolutely ink-tight;

One that would write instantly without shaking;

One that would never sweat or stain your fingers;

One that would carry all grades of inks,

You would consider that fountain pen very nearly perfect, wouldn't you?

In every detail that's just the kind of pen you get when you buy a Moore's Non-Leakable. Prices \$2.50—\$3.50 and up.

Ask your dealer for it. If he hasn't it, send us his name with your own, and we will forward him an assortment from which you can choose.

Moore's Non-Leakable Midget 3 1/2" long, is just the thing for the physician's lower right hand vest pocket.

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 Thursday, Dec. 22, at 8
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La Habanera
 Saturday Dec. 24 at 2
Mifistofele
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 Prices, from 50c. to \$2.50
Otello
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The Passing of the Third Floor Back

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 Problem books in Physics Heat are returned and may be obtained in the basement of Walker Building.

NOTICE.
 Gentlemen, I call to your attention that I will pay more for your cast-off clothing than any one in my line of business. A trial will convince you. Send postal to Max Keezer, 3 Bow street, or telephone Cambridge, Mass., 302. (tf)

NOTICE.
 December 19, 1910.
 The exercises of the Institute will be suspended on Saturday, December 24th, and during the following week. By vote of the Faculty instructors are requested to send to the Dean the names of all students who are absent from exercises on Friday, December 23rd, and on Monday, January 2nd.
 A. L. MERRILL, Secretary.

163 HUNTINGTON AVE, SUITE TWO—2, 3 and 5 room furnished suites, also side room and one room at \$1.50 per week. (64-7t)

NOTICE.
 LOST—A Slide Rule in leather case, with owner's name on it; \$1.00 reward.
 L. O. MILLS.

NOTICE.
 The Tech will pay five cents for copies of each of the following issues of last year: Nos. 53, 121, 137.

NEW YORKERS WELCOME.
 All Tech men who expect to spend their Christmas vacation in New York city should visit the Technology Club of New York city at 17 Gramercy Park. Tech men are always welcome there, and all those men who have the opportunity should take occasion to visit some of the most flourishing graduate clubs of the Institute.

NOTICE.
 The following articles of clothing have been left in my office and are still unclaimed:
 One black overcoat, left in Lowell Building, November 16th (apparently the property of a Freshman from San Francisco).
 Two caps, left in Lowell Building November 16th.
 One light coat, left at the Cage September 30th.
 One raincoat, left in the Rogers Building.
 One pair of spectacles.
 I shall be glad to have the owners call at my office and identify their property.

Yours very truly,
MAURICE R. SCHARFF,
 President's Assistant.
 December 7, 1910.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY.
 First Year—Choice of Course.

Circulars in regard to the Choice of Course were sent to all first year students with the report of standing for the second five weeks. Cards will be distributed among first year students at some Chemistry exercise, and they are to be returned with a provisional Choice of Course indicated on them. This choice is not binding, but students are earnestly asked to consult with their parents and their instructors at once in order that this provisional choice may be made within the next two weeks.
WALTER HUMPHREYS,
 Registrar.

FIRST YEAR.
 Conferences in regard to the choice of courses will be arranged for the latter part of this term. The first conference will be by Professor Talbot, in Room 6, Lowell Building, Thursday, December 22nd, at 1 P. M. He will speak especially for Courses V and X. Conferences with the heads of other departments will be held immediately after the Christmas recess.
ALFRED E. BURTON, Dean.
 December 19, 1910.

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 CATALOGUE FREE
WRIGHT & DITSON

WE beg to announce to our Patrons that the **TECH UNION DINING ROOMS** will close on Saturday Dec. 24th and will remain closed until Monday A. M. Jan. 2, 1911. We extend to you our Best Wishes for a very Merry Christmas and a Prosperous and Happy New Year,
 The Management.

OLD ESTABLISHED DINING ROOM
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