

THE TECH

VOL. XXXIV. NO. 73.

BOSTON, MASS., WEDNESDAY, DECEMBER 16, 1914.

PRICE THREE CENTS

SENIOR MEETING HELD ON MONDAY

Class Voted In Favor Of Having Senior Pictures In Technique.

A Senior class meeting was held last Monday afternoon when the question of the offer made by Technique was considered. This proposition is to put all the pictures of the Senior class, which have before been the Senior Portfolio, in a separate part of Technique, provided that the class will pay the sum of \$200 on May 1 if Technique has a credit of less than \$100. The executive board was in favor of the proposition.

The committee which had been appointed to look into the matter, gave its report. The committee recommended the adoption of the proposition provided that the class should not pay over \$200 and that an arrangement could be made whereby not more than ten pictures be placed on two consecutive pages. The report was accepted after a slight discussion. Several of the men spoke in favor of the offer while some did not seem to want the Senior Portfolio abandoned. It was stated that from a financial viewpoint, it was an advantage but from a sentimental standpoint, it was a disadvantage.

The three recommendations which
(Continued on Page Six)

POSTER COMPETITION

Preliminary Sketches Due Dec. 19th—Plans Outlined.

The call for candidates for the Tech Show Poster competition has met with enthusiastic response. About 15 men were present at the first meeting. E. W. Van C. Lucas, publicity manager of the Show outlined the conditions of the competition, and the ideas which a successful Show poster should contain.

The poster should express the same general idea as that expressed in the title and book of the Show. The poster is to be done in two flat colors and black. The drawing is to be twenty by forty inches, and must contain the words "Tech Show," and the title, "Getting A-Cross," with a blank space at the bottom in which the dates and places of performances may be inserted. The pictures should possess life and action.

The first sketch is due Saturday, December 19th, at 5 o'clock. The sketch should be wrapped in paper, and handed in at the Show office not later than that date.

The management urges that this branch of the Show work be not left to the architectural department alone, and it is further desired that any man who can draw at all, come out and make a try.

HOCKEY TEAM MEETS HARVARD THURSDAY

Large Attendance Expected At First Game. Teams Evenly Matched.

The Hockey Team, when it meets Harvard tomorrow night, will have completed three hard weeks of hard practice, which consisted for the first two weeks of cross-country runs three times a week. Since the Arena opened last Friday, the team has been on the ice four times. Monday night the men showed up to good advantage in a practice game against the Arena team. Coach Whitten has been pushing the men to the limit since they reported for the first practice and a remarkable improvement has already been made. Although the team, as it stands today, may not come up to the standard set by the team of three years ago, yet there is a lot of good material in the squad and the outlook is bright for the development of a fast seven. The team when it goes on the ice tomorrow night for its first game with Harvard will be one which is fully capable of scoring a victory, and will enter the game fully determined to do so.

The team will have four of last year's regular men in its lineup. Captain R. L. Fletcher will be shifted from his former position at right wing to fill that of rover left vacant by McLeod, captain of last year's team. C. D. Winton, C. Cochrane, and P. W. Gould will remain at their positions of last year, center, point, and cover-point respectively. Blake-well, a new man, has developed into an excellent guardian of the cage and
(Continued on Page Six)

STATISTIC BLANKS

Number Of Ballots Per Man Not Limited.

The Technique statistics blanks which were given out last Thursday at the Pol Econ lecture are due next Tuesday at the Cage. Extra blanks may also be obtained at the Cage, so that every man will be given a chance to vote as many times as he desires for the class goat. Ralph Millis, statistician, says that the more answers handed in, the better, if they are funny.

Copy reaching The Tech later than five o'clock on Sundays, or eight o'clock on Tuesdays and Thursdays, cannot be given a definite place in the composition of the paper. Persons having notices which cannot be handed in on time should communicate with the Makeup Editor at B. B. 5527, so that he may reserve space.

Very truly yours,

WINTER CONCERT DANCE FLOOR ARRANGEMENT

New System Necessary Owing To Number Of Tickets Sold.

Owing to the large number of tickets which have been sold for the Annual Winter Concert and Dance of the Combined Musical Clubs to be held in Copley Hall on Friday evening, Dec. 18, it has been found necessary to systematize the floor arrangement. By this system much of the incidental confusion may be done away with.

For the dance, the sides of the hall have each been divided off into three and five sections respectively, making eight sections in all. They will be in the following order, beginning at the front right, facing the stage, to the back right; then from the front left facing the stage to the back left. Section 1 will include approximately the initials A-B, and will extend from letter A-I of the seating system.

Section 2 will include initials C, D, and E, and will extend from letter J-Q right of the seating system.

Section 3 will include initials F, G and H, and will extend from letter R-Z of the seating system.

(Continued on Page Six)

TRIP TO PROVIDENCE

Mechanical Engineers Invited To Inspect Factory.

The Brown & Sharpe Mfg. Co., of Providence has sent a cordial invitation to the M. E. Society to visit their plant on Wednesday, Dec. 30, the last day of vacation. The number to attend is not limited and plenty of guides will be provided to show the party around in groups. As it is desirable that the company should know how many men decide to make the trip, all names should be recorded as soon as possible. The Seniors are to sign up with F. G. Purinton, the Juniors with O. C. Norris and the Sophomores with H. M. Brayton. The party leaving Boston will start from Back Bay at 10.11 A. M. The return train leaves Providence at 5.20 P. M. The officers of the society wish that all members who can go to do so. Brown & Sharpe are well known because of the high grade machine tool work that they put out. They employ between 4000 and 5000 hands.

SOCIALIST DISCUSSES ASPECTS OF MOVEMENT

Vital Problem Brought Home To Tech Men—M. I. T. Forum Stock Goes Up.

A large and interested gathering in the Union yesterday noon heard Dr. H. W. Laidler, organizing secretary of the Intercollegiate Socialist Society, give some reasons why every college man and woman should take an intelligent interest in Socialism.

Dr. Laidler first spoke of his experiences in Europe at the outbreak of the war, telling how the Socialists, being the one party which consistently and firmly opposed the war, opened the eyes of their former critics to the constructiveness of their policies and ideals. He then proceeded to other instances of how
(Continued on Page Six)

PORTFOLIO COMMITTEE

Ballots Out Saturday—Elections Close Tuesday.

As decided at the class meeting Monday nominations will be made for the Senior Portfolio Committee, to act in conjunction with Technique Board in arranging the Portfolio Section of Technique. The list of nominations will appear in The Tech Friday and ballots will be at the Cage on Saturday. Elections will close at six P. M. Tuesday, Dec. 22. It is necessary for the committee to start work at once since collecting the necessary data takes a great deal of time and every effort is to be made to make this new plan of the Combination of Portfolio and Technique a success.

CALENDAR.

Wednesday, December 16, 1914.

1.15 P. M.—Edison Diamond Point Machine Demonstration, Union.

2.00 P. M.—Electrical Engineers start Trip to Simplex Wire and Cable Co. in Cambridge. Start from Lowell Building.

4.00 P. M.—Basketball Practice, Gym.

4.15 P. M.—Hockey Practice, Gym.

5.00 P. M.—Gym Team Practice, Gym.

5.00 P. M.—Glee Club, Union.

5.00—Swimming Team Practice, Y. M. C. A.

8.00 P. M.—Architectural Society, 42 Pierce Building.

Thursday, December 17, 1914.

1.45 P. M.—Mechanical Engineers Trip to Waltham Watch Co. Start from Rogers Steps.

2.00 P. M.—Electrical Engineers start Trip to Simplex Wire and Cable Co. in Cambridge. Start from Lowell Building.

8.00 P. M.—Tech vs. Harvard in Hockey, Arena.

THE TECH,

Harold E. Lobdell,

Asst. Managing Editor.

THE TECH

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WEDNESDAY, DECEMBER 16, 1914.

IN CHARGE OF THIS ISSUE.

Editor, E. F. Hewins, '16.
Associate, J. G. Fairfield, '17.
Assistants: K. M. Lane, '17; J. W. Damon, '18; F. A. Stearns, '17; A. D. Nute, '17; E. P. Travis, '18; A. R. Brooks, '17.

"The 'Point System' is an institution which aims to prevent a student from carrying too much outside work, to the detriment of his studies, and which by limiting the number of points carried by one man, enables more men to take part in student activities."

The rating of points as recommended by the Point System Committee at the last meeting of the Institute Committee is directly opposed to the purposes of the Point System as defined above. Under the suggested classification a man is actually limited only by the amount of work he thinks he can carry, and the number of men that take part in activities will be decreased rather than increased.

The System as it now stands is the result of many years work. Committees for the last six years have revised and corrected until the Point System has nearly reached perfection. The Point System Committee now steps in, proposes to upset all that experience has proved to be the best, and intends to set up a scheme not only more complicated but tending to so weaken the Point System that it will be useless except in extreme cases.

The success of the Point System up to this time has been due to some extent to its simplicity. By changing the limit to twelve points matters are greatly complicated for by making larger the number of combinations possible it will become more difficult to keep track of the points

INDOOR TRACK WORK

Although the cold weather has set in, the Track Team still continues practicing outdoors, once a week. On this day the men are given a short run on the board track at the Oval. Indoor practice is held three afternoons a week at the Gym.

Manager Webster is trying to arrange for many more Relay Races than has been the custom in the past. This has aroused considerable interest and a large number of men are out for the Relay. But in order to enter any of the various indoor meets with as well balanced a team as possible it is absolutely necessary that more men come out for the weights. At it stands now there is hardly anybody out for this department. There are plenty of men in the Institute who are fitted for this event and they are urged to come out and lend their efforts towards helping Tech to have a winning Indoor Track this season.

HOCKEY NOTICE

There will be a temporary cut in the Hockey Squad until after the Harvard game. The following men are to report for practice at the Arena tonight at 6.00: Fletcher, C. D. Winton, Cochrane, Gould, Blakewell, Lowengard, Toye, Keeler, Gray, Ross, C. Tutein and Holdin. For the first practice after the Harvard game the whole squad is to report again, after which the squad will be cut down permanently to about twenty men to conform with the regulation made by the Arena Management.

MECHANICALS' TRIP

Opportunities are still open for men to sign up for the trip of the Mechanical Society to the Waltham Watch Company. F. C. Purinton has charge of the sign-up slips for the trip Thursday; and W. R. Hanchett, for the Friday trip. For both trips, the men are to meet on Rogers Steps at 1.45 P. M.

STUDENT IN THE WAR

Peter Lyall, Jr., of Montreal, a special student in Architecture, at the Institute, has left to join his regiment and is now in London, drilling with the Canadian contingent.

an individual has, and it will be considerably harder to enforce the rulings of the Point System.

The new scheme is undesirable from nearly every point of view and should not be accepted by the Institute Committee.



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PATRONIZE TECH ADVERTISERS

PRESIDENT MACLAURIN RECEIVES NEW HONOR

Chosen President Of "Boston Safety Society"—Meeting Yesterday.

A "Boston Safety Society" has been organized for the promotion of industrial safety among factory workers in Boston and generally throughout the State. President Maclaurin has been chosen to head the new society, and many other prominent men are honorary vice-presidents.

The formation of this society is a result of the popular "Safety First" campaign inaugurated by the Boston Chamber of Commerce last summer, and was suggested by the Chamber's committee as serving to cover, through the co-operative efforts of employers and employees, the important field of accident prevention in manufacturing plants and industrial corporations which could not be reached by the public campaign.

The first meeting of the new society was held last evening at Faneuil Hall. President Maclaurin gave the address which is printed below:

The eyes of the world are fixed today on the war in Europe. Here in America we are appalled by its inhumanity and the terrible economic waste that it involves. Its dramatic character arouses our interest and rivets our attention, but we rarely stop to think that an equally disastrous and perhaps even more shameful war is going on in our midst all the time. The direct sufferers in this war are the workers in our industries. The industrial accidents reported to the Accident Board of this State last year were over 90,000 in number, and nearly 500 of them were fatal. In the country as a whole there are usually more than 35,000 of our workers killed every year by accidents and more than two million of them injured. The suffering entailed is appalling and the economic losses must run into hundreds of millions annually. If we wish to compare these casualties with those due to the war in Europe, we must remember that our war is going on all the time. In a generation it kills a million workers, and fortunately a great war between nations does not often happen more than once in a generation. It might be thought that these losses are unavoidable, but as a matter of fact a very large proportion, from 1-3 to 3-4, are preventable. This is not mere idle speculation, it has been proved by the results of careful efforts on the part of those who have seriously tried to reduce the losses due to accidents. In this country one great corporation has reduced the accidents to its workmen by one-third in a single year, another by two-thirds in ten years, and some have very nearly eliminated accidents altogether. Fortunately, many of our industrial achievements are things of which we may be justly proud, but, unhappily, in the matter of accidents we have a pre-eminence which is discreditable. What are we to do about it? The only thing that can be suggested is to organize and carry on vigorously an educational campaign, for the problem before us is primarily a problem of education. In

the first place, we must educate the employer. We must help him to learn from the experience of other employers situated like him, that it is not only more humane, but far cheaper to prevent accidents than to pay his share of the bill for them. More important still, we must educate the workers themselves, for experience everywhere proves this to be the most essential and the most difficult part of the task. It is difficult everywhere, but it is peculiarly difficult in this country because of the readiness of Americans to take chances. This readiness has its fine aspect, and leads to good in many ways, but it has its outs. One of these outs is the great load of needless suffering and loss that it imposes on the workman of the country. The statistics of Germany seem to show that the problem is about two parts workmen and one part employer,—in other words, that there are about twice as many accidents that happen through the carelessness of the workmen as through the neglect of proper safeguards on the part of the employer. In this country we are poorly supplied with statistics on such matters, but such as we have seem to show that the proportion to be ascribed to the workmen is even larger than it is abroad. Clearly, we must educate the workman to think more of his own safety. What we are initiating is a campaign of education everywhere. This is not an hysterical reform movement such as often follows a big accident and rapidly dies out, but a steady, serious, sane effort to arouse the whole community, worker, employer and ultimate consumer, all of whom bear their share of the loss, and all must be brought to believe that every avoidable accident is a crime.

SWIMMING TEAM

Members of the Swimming Team are asked to report for practice on Mondays, Wednesdays and Fridays at 5 o'clock at the pool of the Young Men's Christian Association. Captain Graves states that there is a lack of material, and that more men are needed. The following men have been retained on the team: H. D. Bevins, N. A. Bond, R. N. Gay, H. P. Geisler, W. C. Foster, J. M. Hanley, N. V. S. Mumford, F. R. Hazard, E. M. Newton, C. L. Kingsbury, R. B. Wills, D. Ely, W. A. Wood, G. S. Gould, K. H. Day and B. C. Curtis.

T. C. A. CAMPAIGN FUND

The T. C. A. campaign fund amounts to one hundred and seventy dollars up to date. Courses one, three and five have not yet been heard from. In one course, all the men of the Junior class contributed to the fund.

EDISON DEMONSTRATION

The Edison Diamond Disk Phonograph Co. will give a demonstration of its latest machine in the Union today at 1.15. An exceedingly varied and interesting program has been arranged.

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PATRONIZE
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PULMOTOR INSTALLED AT THE INSTITUTE

"Safety First" Movement Brings
Life-Saving Device To
Employees.

Probably few undergraduates at the Institute realize what precautions are taken to safeguard the lives of employees and others engaged in the power-plant and laboratories. An example of this precaution was the installation, a few months ago, of an up-to-date, and efficient pulmotor in the office of the Superintendent of Buildings and Power. This recently developed life-saving device has been proved to be of incalculable value in resuscitation from drowning, electric shock, asphyxiation, and all accidents where breathing is cut off. The apparatus consists of a small tank, containing oxygen under a pressure of 2000 pounds per sq. inch, and an exceedingly ingenious device which automatically fills and empties the lungs of the patient with oxygen. It not only regulates the pressure of the oxygen, but adapts the speed of the respiration to the size of the victim's lungs, so that normal breathing is assured to either a child or an adult. The pulmotor was taken to the Summer Camp at East Machias during the past summer, but fortunately, there has been no necessity for its use, either there or here at the Institute.

The supply of five extra tanks of oxygen makes possible four hours of continuous artificial respiration, although a few minutes are usually sufficient to restore consciousness. Practically all of the employees about the Institute are carefully instructed in the operation of the pulmotor, and it is readily accessible at all times, so that the risk from accidents of this particular type should be greatly decreased.

NEXT T. C. A. TALK

The Technology Christian Association has secured Reverend O. P. Gifford to speak in the Union, tomorrow noon at 1.30 P. M. His subject will be "Counting the Cost." Doctor Gifford is noted for the humorous anecdotes which he has told at his former talks here. Once, when speaking to Technology men, he gave as a boy's definition of a lie "an abomination in the sight of the Lord, but a very pleasant thing in time of need."

ELECTRICAL SOCIETY

Mr. William H. Blood, Jr., of Stone and Webster, will speak to the electrical engineers next Wednesday, December 23, 1914. His subject will be "Some suggestions for the Making of Examinations and Reports."

ELECTRICAL'S TRIP

Today and tomorrow, the Electrical Engineers go on trips to the Simplex Wire and Cable Company in Cambridge. The trip is to start from Lowell Building at two o'clock on both days.

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MECHANICALS TO VISIT WALTHAM WATCH CO.

Several Members Of The Department To Accompany Men On Trip.

Two trips to the Waltham Watch Co. Factory, Waltham, Mass., will be made by the members of the Mechanical Engineering Society, one tomorrow, and the other on Friday. As the list for the two afternoons is nearly complete, thus limiting the number who can go to about a dozen for each trip, those who first apply will have the privilege of going. F. G. Purinton is taking the names of those going on Thursday, and W. R. Hanchett is signing up the men for the Friday trip. Preparatory to both the Thursday and Friday trip the men are to meet on Rogers steps at a quarter to two.

The Company, which employs some four thousand hands, turns out some of the finest machine-work that is done in watch-making. Guides will be furnished to show the men over the works, and to explain the function and operation of the automatic machinery.

WRESTLING TEAM TO MEET BEVERLY

Institute Has Already Defeated It Once—Return Meet Saturday.

Next Saturday night the Technology Wrestling Team meets Beverly Y. M. C. A. at the M. I. T. Gym. The Technology Wrestling Team has already met and defeated the Y. M. C. A. team and is confident of repeating the performance in its own gym. Manager Morse and Captain Crowell want a good crowd out to see the first home meet of the year. Tickets are 25 cents and may be obtained from any member of the wrestling team.

Final arrangements for the meet have not been definitely made as yet but there will probably be one bout in each class and two or three in the 135-pound class. The men representing the Institute will be as follows: 115-pound class, Loo; 125-pound class, Stebbins or Bone; 135-pound class, Rounds, Hoffman, Giles or Blodgett; 145-pound class, Goodell; 158-pound class, Walter or Bond; and heavy-weight class, Captain Crowell.

RIFLE CLUB SHOOT

The Rifle Club held the first indoor shoot in the South Armory on Irvington Street yesterday afternoon. A large number of men turned out but these was no official record taken of the scores. The range was twenty-five yards.

CUSTOM HOUSE TOWER

Mr. M. A. Reidy, Designing Engineer, will give a talk to the members of the Architectural Engineering Society this evening in Room 42 Pierce on the subject of "The Structural Features of the Custom House Tower."

College Clothes

This season we offer an unusually strong variety of Overcoats and Suits as well as formal garments, modelled and tailored to meet the requirements of the keenly critical.

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SENIOR MEETING

(Continued from Page One)

the committee made were accepted by the class. The third suggestion which was to have a committee appointed to make the necessary arrangements was amended so that the president should nominate ten men who would be willing to serve on such a committee and these ten names will be voted on by written ballots, the three highest to compose the committee.

It was announced that the class executive board will have its picture taken on Friday at 1.00 at Notmans.

MUSICAL CLUBS

(Continued from Page One)

Section 4 will include initials I, J and K, and will extend from letter A-G left of the seating system.

Section 5 will include initials L, M and N, and will extend from letter H-N left of the seating system.

Section 6 will include initials O-Q, and will extend from letter O-S left of the seating system.

Section 7 will include initials R-V, and will extend from T-V left of the seating system.

Section 8 will include initials W-Z, and will extend from V-Z of the seating system.

The system works in this manner. If a man whose last initial was "M" had a dance engaged with a man whose initial was "C," it would be up to No. 1 to look up No. 2 as his initial came after the initial of No. 2 in the alphabet.

Or if No. 1 had initial "Q" and No. 2 had initial "KQ," it would be up to No. 1 to locate No. 2 before the dance for the same reason.

The important part of the system lies in the fact that the man who is to be looked up in each instance is to remain in the section allotted to men whose initial corresponds to his.

For example, if "C" had a dance with "M," he would stay in the "C" section after the dance next preceding the one with "M" until "M" was successful in finding him.

The patrons of the affair are to lend their support to the arrangement and try to make it a success.

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OVER HAYES' DAIRY LUNCH

SOCIALIST SPEAKS.

(Continued from Page One)

Socialism is making itself felt as an influence for the betterment of humanity, through its policy of "the co-operative ownership and democratic management by the community, of industries producing the necessities of life." He showed how engineers, fully as much as laborers, come under the baleful influence of privately-concentrated capital.

He emphasized the purpose of the Intercollegiate Socialist Society, with which the M. I. T. Forum is affiliated, as being not the promulgation of Socialism, but the promotion of an intelligent interest in the subject, and study of it, by college men and women. If, after impartial study and consideration, the student believes Socialism a menace to the country, it is his duty to fight it, Dr. Laidler pointed out; if, on the other hand, he finds it to represent a tremendous betterment for humanity, it is his duty to fight for it.

At the close of the talk, after the applause had subsided, copies of the current "Intercollegiate Socialist" were distributed, together with application blanks for membership in the local branch of the I. S. S. A large number of these having been filled out, the members of the Forum decided to hold an organization-meeting this coming Friday, at 1.30, in 8 Engineering C, which all men interested are invited to attend.

HARVARD GAME

(Continued from Page One)

will fill that position. He has had considerable experience at this position, having played for two years on the Yale team, and is expected to give a good account of himself. The two wing positions will be filled by two of the following men: Gray, Keeler, Toye, Ross, and C. Tuttein.

Tickets have been on sale for the past week and from all indications there will be an unusually large number of students to watch the game. The management hopes that every student who possibly can will be on hand as the chances of Tech's winning seem very bright and if the team feels that it has the student body behind it, the chances of a victory will be greatly increased. Tickets can be procured at the Cage or from members of the team.

The Harvard line-up has been definitely announced as follows: Wylda, goal; Morgan, point; Capt. Claffin, cover-point; Bliss, right wing; L. Curtis, left wing; Baker, right center; and C. Townsend, left center.

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