

# THE TECH

VOL. XXX. NO. 45

BOSTON, MASS., MONDAY, NOVEMBER 28, 1910

PRICE TWO CENTS

## MANY IMPROVEMENTS AT THE UNION

New Music to Be Secured and Flag to Be Cleaned—Committees.

### DINING ROOM CRITICISMS.

Competition of Criticisms Now Being Held—Free Board Offered as Prize.

In order that the idea of buying new music for the Union might be made more interesting, the committee has asked that suggestions be made by students regarding future purchases. The sale of pennants has been fairly profitable, and the new system of fines has already netted over three dollars. More magazines will be subscribed for in the near future and preference will be given to those periodicals chosen by students. The flag over the Union is to be repaired and cleaned, and new soap jars placed in the toilet room.

The following men are in charge of the rooms during the week:

Sunday—H. F. Dolliver, 1911.  
Monday—E. S. Tisdale, 1914.  
Tuesday—R. D. Morrill, 1914.  
Wednesday—P. Pastena, 1913.  
Thursday—G. C. George, 1911.  
Friday—M. Lewis, 1913.  
Saturday—O. D. Powell, 1911.

The dining room committee is especially anxious to get a large number of criticisms in response to its competition of a free week's board. Any man who feels that the dining room is not all that it should be, or who has some ideas about improvements, should write a criticism of not more than five hundred words and send it to the committee. The article should be signed with a non de plume, and this, with the author's real name, should be put into a separate envelope.

## MECHANIC ARTS CLUB HOLDS MEETING

Club Will Have Table at Union Every Thursday.

On Friday night of last week, at 7.30 o'clock, the Mechanic Arts High School held an entertainment and card party in one of the small dining rooms at the Technology Union. This was not a strictly business meeting, although some business of the club was discussed. The main object of the gathering was, however, to bring the graduates of the Mechanic Arts High School, Boston, at the Institute, closer together. Among the devices to accomplish this the reservation of a table at the Union for the use of the club members exclusively on one noon day of the week was discussed at this meeting, and the idea found favor among the members. So much so that a vote was passed to instruct the secretary to arrange for the reservation of a table for Thursday noons. At this table will be served a twenty-cent dinner, which will include waiter service. This is a good idea and the members of the club are urged to respond and eat at this table. When the business affairs was concluded a whist game was started. Much diversion and enjoyment was thereby derived. When the game was ended refreshments were served and much jollity was generated thereby. The meeting came to a close after some rousing college songs were sung. The inclement weather prevented some of the members from attending the meeting, as well as did pressure of work, but it is interesting to note, perhaps, that every class at the Institute was represented.

## TECHNOLOGY GRADS AT CONVENTIONS

Institute Men Lead Discussions and Read Papers at Meetings.

### PROF. HOVGAARD'S EXPERIMENTS

Declares Big Gunboats Are Weak Against Attack By Torpedoes.

In discussing a paper given by Sir William White on "Notes on the Armaments of Battleships," at a recent meeting of the Society of Naval Architects and Marine Engineers, Prof. Hovgaard directed special attention to the fact that big gunboats are weak against torpedo attack. He stated that he considers that the danger from torpedo attack is about equal to the danger from artillery attack.

Prof. Hovgaard also reported some results of deflection tests of the framing of water-tight bulkheads which he has been working on for the past year. In comparing bulkheads in which the vertical beams are wholly on one side of the plate, and those in which the beam is in longitudinal halves with the plating between them and the whole riveted together through the plating, he stated that the latter construction gave greater deflections in all cases, which he attributes to rivet slip along the neutral axis.

The discussion of this topic was led by Prof. C. H. Peabody, II, 1877.

Among the papers to be given at the meeting of the American Society of Mechanical Engineers in New York city early in December are "The Joint Meeting in England," by Calvin W. Rice, 1890, and "A New Theory of Belt Driving," by Selby Hoar, 1904.

Later in the month, in the same city, Technology will be represented at the meeting of the National Association of Cement Users by L. C. Wason, 1891, who will speak on "Dustless Concrete Floors," and by Prof. Chas. H. Norton, 1893, who has for a subject "Some Thermal Properties of Concrete."

## ELECTRICALS TO VISIT FORE RIVER WORKS

Fifteen Members to Leave South Station at 12.45 Today.

Today, at 12.45, the fifteen men who have signed up to go on the excursion to the Fore River Building plant will leave the South Station for Quincy. The works close at 4.30 P. M., and therefore it is necessary that the start be made this early. No man whose name is not included in the fifteen on the bulletin board in Lowell Building should attempt to go, since it would mean that the whole party would be barred, and probably future parties. The excursion for Wednesday, Thursday and Friday each, have their full quota of 15 men, therefore it will be impossible for any man to go who has not already signed up. These trips will also leave the South Station at 12.45 to accommodate the majority of the men. The following men will make the trip today: Prof. Wickenden, Silsbee, Pullen, Stover, Gonzales, Pacheco, Hufsmith, Underhill, Gere, Hutchins, Odell, W. G. Rhodes, Rooney, E. W. Davis and Thomson.

A professor of Leland Stanford University has recently issued a small book on "Note Taking." This book fills a long felt need and should prove especially valuable to students who are beginning university work.

## WINTER CONCERT SEATS ON SALE TODAY

Annual Function of Musical Club Will Be Held On December 16th.

### BIG SOCIAL EVENT OF TERM.

Attendance of Students in Past Years Has Not Been as Large as Warranted.

On Friday evening, December 16th, the annual winter concert will be given in Copley Hall by the combined musical clubs. This concert is the one social event of this term. Next term with Junior week and Senior week the social functions become almost indefinite in number. Being the only social event of the term, everyone should turn out, not only for their own personal enjoyment, which could not be less than a maximum, but also to see what the musical clubs are doing and to aid them financially. It is a fact that about two-thirds of the men in Tech today have never heard a concert by the musical clubs. Of course the Freshmen are excusable for this, but the upper classmen are not. To remedy the dormant inaction and poor support of the musical clubs there should be at least ninety per cent. of the entire 1500 Technology students lined up when reserved seats go on sale today in the Union.

The members and leaders, as well as the managers of the clubs, give unstintingly of their time, and the only way you can show your appreciation of their expended efforts is by your personal support. The Glee and Mandolin Clubs have been putting in some hard practice, and although handicapped by the loss of several good men, are pronounced by those who have heard them to be the best in years. The Banjo Quintette is not so well known, but will undoubtedly hold up its end.

Reserved seat tickets will go on sale in the Union today at 1 o'clock, and will be on sale every day at the same place and at the same time.

## COLLEGE GRADS AT INSTITUTE INCREASING

Harvard, Yale and Imperial Polytechnic Inst. of Shanghai Best Represented

### AGGREGATE VERY LARGE.

A Flattering Tribute Is Thus Shown to Technology's Reputation.

(Continued from Saturday's Tech.)  
Hamilton College—J. M. Hastings, Jr., B. S.

Iowa State College—Myrick W. Pullen, B. S.

Imperial Polytechnic College, Shanghai—Ming Chow, graduate; Ziang Chow, graduate; Zu Chi Dage, graduate; Turpin Hsi, graduate; Pei Hwang Hsi, graduate; Wai Gylas Loo, graduate; Yung Tsun Van, graduate; Yu Lin Wu, graduate.

Imperial Japanese Naval Engineering College—Kanezo Goto, graduate.

Indiana University—George Hinman Abel, B. A.; W. Hennick Martin, A. B.; W. F. Wallis, A. B.

Kansas State Agricultural College—Roy Andrew Seaton, B. S., M. S.; W. P. Terrell, B. S. (M. I. T., S. B.)

Konigliche Bergakademie, Freiberg—Walter Vogt Rohlfis, Met. E.

Lafayette College—T. Ridgeway Lathrope, Ph. B.

Lehigh University—Arthur Edgar, A. C., M. S.

(Continued on Page 3.)

## SOCIALISM RIFE IN GERMANY

Interesting Debate in the Reichstag—Kaiser Severely Criticised.

### REPUBLICANS SPEAK OPENLY.

Emperor Said to Have Broken His Word to the Nation.

That the spirit of the twentieth century is decidedly of a republican character was instanced by the recent revolution in Portugal, in which King Emanuel was forced to abdicate the throne, but that the socialistic tendency should be openly avowed in a strong monarchical empire like Germany is astonishing. Such, however, is the case. Yesterday the Reichstag was the scene of a most remarkable debate on the Kaiser's divine right speech, which he delivered at Konigsberg last summer. Herr Ledebour was the spokesman for the Socialists and attacked the Kaiser and his policies in no unambiguous terms. He accused him of deliberately breaking his promise to the nation, of being affiliated with the desire of self-glorification, and of "destroying history" to picture the Hohenzollern line as rulers, divinely chosen. This speech was received with enthusiasm by the assembled people, most of whom were Socialists, and a deep and impressive silence followed when the chancellor, Dr. von Bethmann-Holling, arose to speak. He charged the party supported by Ledebour as being "inspired by a passionate hostility to the constitution," and added that the "idea of a sovereignty of the people" was unknown to the Prussian State. The debate which followed was bitter, especially so as leaders of all the political parties of Germany took part. Among others were represented the Republicans, Socialists, Monarchists, Moderates and Conservatives.

The growth of Socialism in Germany has been portentous in the last quarter of a century, and although a complete triumph of its party is not to be expected, we may at least see in the next few years the position and power of Germany's rulers made to conform more nearly with those of the King of England.

## CALENDAR.

### Monday.

12.45—E. E. Excursion to Fore River.  
4.00—1913 Cross-Country Practice—Gym.  
4.00—1914 Cross-Country Practice—Gym.  
5.00—Basketball Practice.  
6.15—Hockey Practice—Arena.

### Tuesday.

1.00—Tech Board Meeting with Lunch.  
4.00—Gym Team Practice—Gym.  
4.00—1913 Cross-Country Practice—Gym.  
4.00—1914 Cross-Country Practice—Gym.  
4.15—Technique Board Meeting—6.30—Tech Dinner—Union. Speakers, Ben S. Jacobs and I. W. Litchfield. Room C.  
7.30—N. Y. State Club Meeting—Union.

### Wednesday.

12.45—E. E. Excursion to Fore River.  
4.00—Basketball Practice—Gym.  
4.00—Gym Team Practice—Gym.  
4.00—1913 Cross-Country Practice—Gym.  
4.00—1914 Cross-Country Practice—Gym.  
6.00—Catholic Club Dinner—Union.

# THE TECH

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MONDAY, NOVEMBER 28, 1910.

Now that the class elections are over and a new Point System Committee is commencing its activity for the present year, a number of men are finding themselves holding a number of points greater than the maximum allowed by the rulings. Although the present point rating is probably not in its permanent form for the year, it will be altered in only a few minor details.

There has been a noticeable and widespread disregard of the point system on the part of many men connected with Institute activities. They are quite ready to hold positions aggregating more than ten points and apparently consider themselves justified in so doing, so long as they are not notified by the Point System Committee. The committee's work in collecting and recording all the points held by the different men this Fall is exacting and difficult enough without the added responsibility of seeing that the System is in every case complied with. Every man holding points should be willing and eager to co-operate with the committee in supporting a system which it has been agreed is of decided advantage both to Tech activities and to the individual man. Any man doubtful about the number of points he is carrying should consult the list of point ratings which appeared in The Tech of Friday, October 28, 1910. (Vol. XXX, No. 20), and govern himself accordingly.

The Tech itself has been considerably affected by the Point System this Fall. Some of our best and most reliable men have recently been obliged to discontinue their work on The Tech and consequently there is need of more men to carry on the work for the coming year. The call is especially for men from the lower two classes, who will thus be in a position to gain the experience requisite to make them valuable members of the Board in later years.

The advantages to be derived from work on The Tech, we believe, are great. In fact, we are conceited enough to consider them greater than those offered by any other Institute organization. The Tech is the representative of the Institute in the graduate and contemporary outside world, and here at the Stute itself is the unifying influence by which we learn what our fellow students are doing as Tech men.

The personal training also is invaluable in both the news and business departments. The editors will be glad to talk over possibilities with any men who think they may come out for The Tech.

## COMMUNICATION.

To the Students of M. I. T.:

One of the strangest things that comes to the eyes of an unbiased observer is the lack of college spirit which exists in every phase of life at the Stute. The most striking instance of this fact is the infinitesimally small amount of support given The Tech. How many of you fellows who are continually criticising the various features of the paper have helped to make it better by paying for a year's subscription instead of borrowing a thumb-marked copy which has already had a momentous career in its passage from hand to hand down Rogers historic steps through Walker, pausing at Metcalf's before venturing across busy Boylston street, to climb the stairs of Eng. A or B, finally to arrive at the Union, there to be read and re-read by the miserly many until the print grows dim. How such a body of practical hard-thinking scientific men as the Institute is most certainly composed of can allow such a condition as this to long exist is inconceivable. We pause for a reply—there is none—let us proceed. Many of our sister colleges who boast of a total enrollment of thirteen hundred or more, including janitors and professors, etc., gladly support a daily publication which is incomparable with The Tech, and yet costs more. Now there are only two possible reasons for this non-support of our daily, viz., general poverty, and plain indifference to everything except strictly school work. Poverty is out of the question, because everyone always has a few coppers which Bursar Rand and Mach have carelessly overlooked. Therefore it is evident that general indifference is the true cause of this unnatural state of affairs.

So fellows, pare off your coppers, or in the words of Junius Shakespoke, "Cough up, or thou shalt bust from the over-abundance of thy shekles."  
BUD WEISER?

An Oregon girl, Miss Beatrice Pugh, of Union, has forsaken the trodden path of women in general in pursuing strictly liberal arts and science studies in the University, and has enrolled herself in the Civil Engineering Department. The majority of Miss Pugh's courses this year are in mathematics and in architecture. They require her each day to work side by side with the sixty-seven men registered in Civil Engineering.

Syracuse and Ohio Wesleyan have entered into a two-year debating agreement.

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 National University of Greece—N. M. Katsainos.  
 Otterbien University—Levitt Luzern  
 Oregon Agricultural College—Harold D. Marsh, B. S.  
 Oberlin College—Arthur Eugene Bradley, A. B.; Albert L. Pashek, A. B.  
 Pennsylvania Military College—James H. Morley, C. E.  
 Princeton University—Caleb C. Pierce, A. B.; Edwin B. Flanagan, C. E.; Clyde F. Smith, A. B.  
 Pennsylvania State College—Charles R. Stover, B. S.  
 Rhode Island College of Agriculture and Mechanic Arts—Harry R. Tisdale.  
 Radcliffe College—Constance Fuller, A. B.  
 Rochester University—Sydney Alling, B. S.; J. E. Harrington, B. S.; W. A. Shepherd, B. S.  
 Central College—Ewanza Suzuki, B. S.  
 Spring Hill College—Albert J. Hahn, B. S.  
 Shuntien College—Moo Ching Hou, graduate.  
 Syrian Protestant College—N. S. Salibi, B. A.; P. N. Shagury, B. A.  
 Saint Louis University—Joseph Desloge, A. B.; Marcel Desloge, A. B.; E. A. Downey, Jr., A. B.; T. A. O'Reilly, A. B.; Thomas Reybun, A. B.; B. J. Thomas, Jr., A. B.  
 Smith College—Ruth Dunbar, A. B.  
 South Dakota State College—L. W. Whitehead, B. S.

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 U. of Montana—W. J. Wenninghoff, B. S.  
 U. of Texas—Oscar J. Gilchrist, E. E.; Joseph A. Tennant, A. B.  
 U. of Georgia—Junius P. Lewis, A. B.  
 U. of New Brunswick—C. D. McCormack, B. S.  
 Virginia Military Institute—S. LeRoy Hayes, B. S.; M. Hubert Judd, graduate.  
 Virginia Polytechnic Institute—W. T. Jones, B. S.  
 Van Buren College—Emery J. Theriault, A. B.  
 William and Mary College—T. A. Dutcher, B. S.  
 Williams College—Paul Root Lawrence, B. A.; James A. Tillinghast, A. B.; John C. Woodruff, A. B.  
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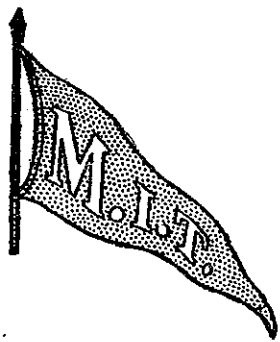
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**DEFICIENCIES IN PHYSICAL LABORATORY.**  
Attention of students is called to the fact that all deficiencies must, by Faculty rule, be made up before Thursday, December 1st. The laboratory will not be open to students for making up back work after that date.  
(1) H. M. GOODWIN.

**'VARSITY BASKETBALL.**  
Under classmen, there is room for somebody in the Management Candidates for Assistant. Report to me at Gym at 5 o'clock Monday, Wednesday and Friday.  
L. W. CHANDLER, Mgr.

1914.  
There is room for a Freshman on the circulation department of The Tech. A good chance to get on the ground floor of the business department. See A. T. Gibson, Tech Office, today at noon. Get busy!

**ASSISTANT MANAGERS OF TECH SHOW.**  
Competition for assistants in Tech Show, 1911, has begun. There are three assistants to be chosen, preferably one Sophomore and two Freshmen. Manager Lenaerts will be in the Show Office, Room B, daily, from 1 to 2 o'clock, to meet all candidates.

Will the Secretaries of all the organizations kindly hand a full list of their officers to the Societies' Editor of The Tech as soon as possible?

**CIVIL ENG. SOCIETY PINS AND FOBS.**  
Design posted in Eng. A Bulletin Board. Plain Pins, 80c.; Pin with safety catch, \$1.00; Black Leather Fob, \$1.00. Members may obtain same by placing order with I. D. Powell, Wm. H. Coburn, or H. P. Ireland, AT ONCE.

(Continued from Page 3.)  
Washington and Jefferson College—Harry S. Alexander, A. B.; J. H. Dunlap, A. B.; George M. Sprouls, A. B.  
Washington and Lee University—R. W. Brerer, B. S.; W. C. Davis, Jr., B. S.; Julia S. Gravelly, B. A.  
Wesleyan University—O. Van H. Chase, A. B.; A. F. Rich, B. A.  
Western Reserve University—H. Byron Fay, A. B.  
Whitworth College—David J. Guy, B. S.  
Washington University—Henry W. Hall, B. S.  
Yale University—H. B. Alvord, B. A.; D. C. Bakewell, B. A.; R. O. Beardsley, Ph. B. (Sheffield); J. R. Carpenter, Ph. B. (Sheffield); F. H. Daniels, Jr., Ph. B. (Sheffield); W. B. Denton, Ph. B. (Sheffield); C. C. Jones, B. A.; Edgar Menderson, B. A.; H. N. Otes, B. A.; Edwin Pugsley, B. A.; C. W. Somers, B. A.; T. L. Wheeler, B. A.; R. G. Wright, B. A.

**NOTICE.**  
Two volumes of Technique for sale, 1894 and 1895; 1895 is dedicated by President Walker and has his picture as a frontispiece. Apply at Room 36, Walker.

**WANTED**—A second-hand leather handbag. Communicate with A. B. C., Cage. (1)

**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)

Ben Ellis, 94 Dudley street, pays highest prices for Students' cast-off clothing. Send postal and will call. Nov 22 (i)

**FIFTEEN NOMINEES FOR SENIOR PORTFOLIO.**  
About fifteen nominations for the Senior Portfolio Committee were received and will be published in The Tech as soon as it is determined whether or not the nominees will run for office. Ballots will be at the Cage for every member of the Senior class by Wednesday.

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