

THE TECH

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TECHNOLOGY LOSES TO HANOVER FIVE

Dartmouth Wipes out Former Defeat by Basketball Victory—28-19

1911 DEFEATS 1912

Sophomores Win Class Championship Series From Freshman—Numerals Awarded

Dartmouth wiped out its former defeat in basket ball when it beat the Tech team, 28 to 19, last Friday evening in the gymnasium. The game was marked by fouls by both sides. The score hardly shows the condition of play, for both halves were fast and close until near the end of the game.

Brady, Dartmouth's forward, played an exceptional game, scoring 18 of the 28 points credited to the men from Hanover. Parker and Wentworth for the Cardinal and Gray put up their usual good games and were important factors in the scoring.

Dartmouth started the scoring in the first half, but Tech was soon in the lead on a long shot by Wentworth and some clever baskets on free tries by Parker. The Green got the lead again and held it to the finish, though several times Technology came near tying the score.

DARTMOUTH	TECHNOLOGY
Hedge rf	lb Taite
Brady lf	rb Bennis
Dingle c	c Wentworth
Mullen rb	lf Parker
Ryan rb	
Avery lb	rf Hargraves

Score, Dartmouth 28, Technology 19. Goals from floor, Mullen 2, Brady 5, Hedge, Dingle, Wentworth, Parker, 3. Goals from fouls, Brady 10, Parker 3, Wentworth, 4. Referee, Velte. Scorer, Hildebrand. Timer, Schofield. Time 20m halves. Attendance 200.

The sophomore team again defeated the freshman between the halves of the Dartmouth-Tech game, 28 to 4, winning the class championship. Class numerals were awarded the winning squad by the Advisory Council. Schatz played the star game for the upper classmen, while Cherry and Albee did the only creditable work for 1912. The summary:

1911	1912
MacPherson lf	rg Farwell, Chandler
Schatz rf	lg Stone
O'Neill, Harrington c	c Selfridge
Williams lg	rf Cherry
Metcalf rg	lf Albee

Score, Sophomores 28, Freshmen 4. Goals from floor Schatz 4, MacPherson 3, Williams 3, Harrington 2, Metcalf, O'Neill, Cherry Albee. No goals from fouls. Referee, C. W. Whitmore, 1908. Timer, D. R. Stevens 1911. Time, 20 minute periods.

ANOTHER RECORD

Tech Team Beats Wesleyan at Troy Set Intercollegiate Mark

On Monday night at Troy, N. Y., the Institute mile relay team in beating Wesleyan, broke the track and intercollegiate records and came within 2-5 seconds of the world's indoor mile relay record. The old track record was 3 minutes, 29 seconds, made by the famous Brown team of four year's ago. The team was made up of Thurlow, Honis, Mayhew, and Prout. The time made by the Technology team, composed of K. D. Fernstrom 1910, A. L. Moses 1910, W. C. Salisbury 1911, and Capt. C. W. Gram 1909, was 3 minutes, 28 2-5 seconds. Wesleyan beat Tech at Philadelphia last April and the Institute team, with Moses in Grimson's place were out to retrieve the defeat. This victory in a way compensates for the race in New York, where the time made by Harvard was some seconds slower. It should be remembered that the tracks might be different.

TECHNOLOGY MEN STUDY TOO MUCH

Students Miss Many Chances to Benefit by Course Societies

GUERTLER ON ALLOYS

Research Associate Will Talk to Chemical Society Tonight—Others Invited

As Professor Wm. A. Walker says, too many men at the Institute waste a lot of time studying. This waste is because a large number of men do not take advantage of their opportunities to broaden their views and see and hear things outside of their text books. One of the greatest advantages of a course at the Institute is the chance to get together at the meetings of the professional societies and discuss the topics which are taken up by the speakers. Tech men too often entirely neglect the development of the social side of their lives and are in consequence at a disadvantage when they are later on called upon to express themselves at more important gatherings.

At the Chemical Society meeting to be held in the Union tonight Dr. Wm. A. Guertler will speak on some recent work on "Metallic Alloys." Dr. Guertler took his Ph. D. at the University of Goettingen and was later Privat Dozent at the University of Berlin. He is at present research associate in the research laboratory of applied chemistry where he is working on the occurrence and cause of what is technically known as "gray zinc." An electric projecting microscope will be used to illustrate the talk tonight. This microscope has a range of magnification of from 4 to 1300 diameters. Dr. Guertler has in preparation a book that will be the most authoritative work published on metallography.

It is hoped that all the Tech men who take chemical subjects or who are interested in it will avail themselves not only of the opportunity of hearing Dr. Guertler but also of meeting the other fellows and some of the professors.

E. JACOBS IS CAPTAIN

To Lead 1909 Cross Country Team Stephenson 11th at Providence

Elmer Jacobs 1910, at a meeting of the cross country team held yesterday was elected captain of next year's team in place of L. O. Mills 1910, who has left the institute for the term. It is probable that Mills will be back next fall but someone had to be chosen to take charge of the work this spring. Jacobs finished sixth in the Freshman-Sophomore cross country race last spring. This was his first race and Coach Kanaly spotted him at once as a coming runner. Last fall he came out for the team and finished sixth in the race with Harvard. In the intercollegiate cross country race at Princeton, Jacobs finished in 24th position, the fourth Tech man to cross the line. Jacobs is a consistent runner and trains faithfully. At the rate at which he is now developing he will be a crack man next fall and will doubtless be heard from in the two mile event this spring.

Jacobs will take immediate charge of the distance work and as many as possible who are intending to come out this spring either for the team or just for the fun of the thing are to meet Coach Kanaly at the Gym this afternoon at four o'clock. Regular Saturday runs will be held from the Gym until the ground is clear enough for hare and hounds runs. The work at the start will be very light, consisting of short runs at a slow pace for a short distance through the streets. These runs will be gradually lengthened so that the

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L. L. ELDEN TALKS TO ELECTRICALS

Second Dinner Big Success—High Power Systems Discussed

TURBINES EFFICIENT

Remedies Applied by Elden Proved Great Success—Continous Service Possible

Seventy-five covers were laid at the second dinner of the Electrical Engineering Society held in the Union last evening. Invitations were sent to the faculty and instructing staff. The electrical engineering department was fully represented. After the dinner Mr. L. L. Elden, Superintendent of the Edison Electric Illuminating Company of Boston addressed the Society on the many interesting features of the Edison Company's generating and distribution system, the many problems involved and the remedies applied.

The talk was illustrated with a large number of clear lantern slides, including old and new types of generators, switch-boards, underground conduits and construction work. A great contrast was shown between the old station equipment with its many old style T. H. generators and the new up-to-date L Street station, where are found the modern turbine units, that contribute so much to the efficiency of the present day high-power distribution.

Mr. Elden discussed at length the methods used by the Edison people to avoid a complete shut down of their generating plant. The wiring diagrams of the distribution system, including substations and low-tension transmission lines, thrown upon the screen gave the audience a vast amount of valuable information on this point.

The Edison Company have found, through costly experiment, that greater efficiency has been acquired in their boiler room by introducing a larger amount of forced air under the fire-grates. A more perfect combustion results; with a minimum coal supply.

Statistics quoted from the Edison Company's books show that the increase in the use of incandescent lamps has not kept pace with the terrific expansion that has been necessary in the power house. This has brought about the problem of increasing the efficiency and maximum output of the stations within a reasonable expense limit.

A number of views of the Company's reserve coal supply was shown. In order to avoid a fire loss, which is considerable in many large power plants, thermometers have been sunk throughout the coal field and their temperature constantly watched.

Mr. Elden has been in the employ of the Edison Illuminating Company for a long period and his scientific handling of difficult problems has won him considerable esteem.

CATHOLIC CLUB MEETS

Twenty-five members of the Catholic Club of Technology met last evening in II Pierce to hear an informal address on "Opportunity" given by Thomas A. Mullen, former member of the Boston School House Commission. Mr. Mullen is a very forcible speaker and held the attention of his audience until the last. He expressed very freely his views about President Roosevelt and had considerable to say about the common council and city government of Boston. The talk fully warranted a larger attendance.

WILL FENCE WITH COLUMBIA TONIGHT

Technology Team Has Made A Splendid Record This Year

SCHEDULE AS PLANNED

Will Fence Harvard and Yale in Tech Gym March 13. Then Finals the 27th

With the meet with Columbia at the Tech Gym tonight the Institute Fencing Team starts upon its spring season.

Never has the Institute been represented by a better team than the team which this year wears the red and gray. The members have been practising faithfully ever since the opening of the school year under the careful instruction of Coach Lucien Fournon and the results are very satisfactory both to the coach and the fencers.

An event of considerable importance for the Institute team is the dual meet which has been arranged with the Pennsylvania trio to be held at Philadelphia Saturday, February 27. Pennsylvania has the reputation of turning out a remarkably fast team and this meet should prove intensely interesting. Pennsylvania has defeated the fast Annapolis team recently by a score of 5 to 4.

As yet the Institute team has been unbeaten this season having met and defeated several strong teams. The team opened the season with an 8 to 1 win over the Boston Y. M. C. A. team, completely outclassing their opponents. Their next opponent was the Springfield Training School fencers, whom they defeated handily, in fact the Springfield boys did not win a single bout. The last team which the Technology team defeated was the Fenway Fencing Club whom they defeated by 7 bouts won to 2 lost. Tech is looked to by many to win the intercollegiate championship this year.

Columbia has a fast team and a close bout is looked for, altho chances are good for a victory for Tech. The New Yorkers have defeated the Yale trio, but have been worsted by the Army team and by Pennsylvania. In this way the results of this evening's match should give a good line on the dual meet at Philadelphia Saturday.

Manager M. R. Chapin, 1910, has arranged a most attractive schedule for the rest of the season, which follows:—

Feb. 24—Columbia at the Gym.
March 6—Triangular meet with Springfield Training School and Amherst at Springfield.

March 13—Preliminaries of Intercollegiates with Harvard and Yale at the Gym.

March 27—Finals of Intercollegiates at New York.

The Institute team held a "fencing party" at the Fenway club rooms last Saturday. Following several practice bouts with the Fenway team, refreshments were served and the stick men passed the remainder of the evening enjoying a social gathering.

CALENDAR

WEDNESDAY, FEBRUARY 24.

8 P. M. Fencing at the Gym. Tech vs. Columbia.

THURSDAY, FEBRUARY 25.

8 P. M. M. E. Society meeting at Union.