

THE TECH

VOL. XXXIII. NO. 98.

BOSTON, MASS., THURSDAY, DECEMBER 11, 1913.

PRICE TWO CENTS

PRESIDENT'S MACLAURIN'S REPORT TO CORPORATION

Aerodynamics Course For Institute—Business Administration Considered.

In his annual report to the Corporation, President Maclaurin notes that the changes in the Corporation itself consist of the loss by death of one member, Mr. J. B. Sewall, and the addition of two new members, Messrs. T. N. Vail and William Endicott, Jr. Mr. Sewall's loss has been deeply regretted, since he brought into the meetings a body of experience and a point of view of a kind that must always be of benefit to a technical school. Mr. Vail and Mr. Endicott will be welcomed as men of extended business experience. Two term members have retired, Mr. J. W. Rollins and A. R. Beadle, and their places have been filled by Messrs. Cass Gilbert and C. T. Main.

The changes in the Faculty include the retirement of Professor T. E. Pope and the impending retirement of Professor S. H. Woodridge. Professor Pope was well known for his close relations with the student body, and his loss has been keenly felt by them.

(Continued on page 4.)

INSTITUTE COMMITTEE

Reports Of Several Committees To Be Made Today.

The regular meeting of the Institute Committee will be held this afternoon at 4.15. A number of reports of the different committees will be read and several important matters discussed. The reports of the Union, Point System, and Bulletin Board committees will be heard. The matter of the proposed change in the organization of the Co-operative Society will be brought up. The report of the Committee on Uniform Constitutions for all Classes will be read. The report of the Special Committee appointed for the purpose of bringing about closer relations between the Musical Clubs and the Institute Committee will be received. A report will be made by the committee appointed to investigate the organization of the officers of the Institute Cadet Corps.

T. C. A. SPEAKER TODAY

Mr. D. M. Claghorn Of Boston Y. M. C. A. Speaks In Union This Noon.

This noon, Mr. David M. Claghorn will speak at the regular weekly T. C. A. meeting in the Union at 1.30. Mr. Claghorn is one of the most popular and best known of the secretaries at the Boston Y. M. C. A., where he is Social Secretary, and Secretary of the Army and Navy Branch. He has chosen for the subject of his talk, "The Weight of a Man's Word."

It will be recalled that the T. C. A. recently made arrangements with the B. Y. M. C. A., whereby special rates and privileges are accorded Tech students, and the T. C. A. hopes that a large number of men will be on hand to hear Mr. Claghorn, since he is connected with the B. Y. M. C. A.

PILGRIM HOCKEY TEAM DEFEATS TECHNOLOGY

Team Work Poor At First But Improves Later—MacLeod Stars.

The hockey game last night between the Pilgrim A. C. and Technology resulted in the defeat of the latter by a score of 13 to 5. There were three fifteen minute periods, the first of which was characterized by a decided lack of team work, due to the small amount of practice which the men have had so far this season. Several brilliant individual rushes by Fletcher, Winton and Captain MacLeod featured this part however. At the end of this period the score stood five to one against Tech. The lone score was made by Fletcher on a short shot.

During the second period the team work of the M. I. T. team picked up markedly and three goals were scored, two by MacLeod and one by Winton. The latter scored after some pretty pass-work by his teammate MacLeod. For the Pilgrims, Captain Fynan starred. The score was 10 to 4.

CADET OFFICERS ORGANIZE

Adopt Constitution And Elect Officers—To Give Dance.

Yesterday afternoon after drill the officers of the M. I. T. Regiment gathered at one side of the Armory and organized an Officers Club. Last year a club was formed and a constitution adopted, although beyond this and giving a dance, but little was done. The object of the club, which is known as "The Officers Club of the M. I. T. Corps Cadets," is to be both military and social, for at the meetings it is intended to have, besides the regular business, some speaker, or a discussion which will further the military knowledge of its members. The dues are to be fifty cents per year.

The meeting was called to order by Colonel Hamilton and Lieutenant A. C. Lieber was elected temporary secretary. Last year's constitution as drawn up by the previous club was read, and after some debate adopted. The old by-laws were then read, and these were also adopted. The election of permanent officers followed, the results of which were President, Colonel L. F. Hamilton; Vice-President, H. G. Storke, Senior Captain; Secretary-Treasurer, Lieutenant A. C. Lieber. The meeting was then adjourned for three minutes while the Freshman "awkward" squad noisily returned their rifles to the gun racks.

Upon the resumption of business, motion was made and adopted to have a program committee of three men to be appointed by the president. Maor Cole and E. W. Taft, last year's colonel and now assistant to Maor Cole, were then elected honorary members of the club.

The question of Freshmen members was next taken up, and it was decided to admit them as associate non-voting members at full dues. This was so as to admit Freshmen

(Continued on page 4.)

COURSES OUTLINED BY HEADS OF DEPARTMENTS

Conferences Arranged—Freshmen To Choose Courses Before Second Term.

Before registering for the second term, first-year students are requested to indicate their choice of course. In order to help students to make this choice intelligently the heads of the different departments have arranged to meet students for conferences at certain hours during the next two weeks. The hours for these conferences are as follows:

COURSES I & XI—Professor Spofford will meet students on Wednesday, December 17th, at 1.30 P. M. in Room 49 Eng. A.

COURSE II—Professor Miller will meet students on Tuesday, December 16th, from 1.00 to 1.30 P. M., in Room 11 Eng. B.

COURSE III—Professor Richards will meet students on Thursday, December 18th, from 1.00 to 2.00 P. M., in Room 2 Rogers.

COURSE IV—Professors Taylor and Lawrence will meet students on Friday, December 12th, at 4.00 P. M., in Room 42 Pierce.

COURSE V—Professor Talbot will meet students on Thursday, December 11th, at 1.00 P. M., in Room 6 Lowell.

COURSE VI—Professor Jackson will meet students on Monday, December 15th, at 1.00 P. M., in Room 6 Lowell.

COURSE VII—Professor Sedgwick will meet students on Friday, December 19th, at 1.30 P. M., in Room 27 Pierce.

COURSE VIII—Professor Cross will meet students on Monday, Dec. 15th, Wednesday, Dec. 17th, and Friday, Dec. 19th, at 12 M., in Room 11 Walker.

COURSE X—Professor Walker will meet students on Wednesday, December 17th, at 4.00 P. M., in Room 52 Pierce.

COURSE XII—Professor Lindgren will meet students on Saturday.

(Continued on page 4.)

PORTFOLIO COMMITTEE

The nominations for the Senior Portfolio Committee are due at the Cage at five o'clock today. Up to date but eight nominations have been handed in, and the Nomination Committee hopes that more will come in before closing time.

HOCKEY MGR. CANDIDATES

There will be a meeting of all men who wish to try out for Assistant Manager of the Hockey Team at 1.30 today in Room B of the Union. Manager Goodell will talk to the men and outline the work of the candidates and the duties and privileges of the position. The Assistant Manager leads to the Manager next year.

SECRETARIES

The Secretaries of all Institute organizations, clubs, societies, etc., are requested to leave their names and addresses at the Cage for the Society Editor of Technique.

THE TECH DINNER AT THE AMERICAN HOUSE

Largest And Most Successful Dinner In History Of The Institute Daily.

Last evening at about seven o'clock over thirty men, representing the Institute's daily paper, and also the largest number of men ever gathered at any of the daily's dinners, sat down in the private dining room of the American House and fully enjoyed an excellent eight course dinner given by THE TECH. C. W. Lacey '15, the Advertising Manager, was the toast-master, and after the table was cleared he opened the evening's speeches, saying that last night's dinner marked the inauguration of THE TECH'S new policy, the giving of pins to the men on the staffs and boards. After announcing that L. E. Armstrong '15 had been elected Managing Editor, Lacey made the announcements of the elections to the Boards and Staffs, giving to the men on the Boards the official pin of THE TECH in gold, and to the men on the staffs the pin in silver. The names of the men elected to the various positions are found in the usual place in the Editorial Head, on the second page.

Lacey then introduced Mr. John R. Ritchie, Jr., the official publicity manager of the Institute, through whom THE TECH is most thoroughly informed of the doings of Technology. Mr. Ritchie said that he looked upon THE TECH as very important form of training that a man can receive at the Institute aside from his course of study. It was his opinion that the paper filled up a very wide gap, the gap between the engineering and technical world and the every-day world. People are very desirous of finding out the facts of scientific developments, and reports and articles written by engineers are, to the largest extent, of such a technical nature that the people are entirely at a loss to fully understand and appreciate them. The demand, therefore, is for descriptions of technical things expressed in terms that can be understood by the average person. Engineering reports intended for the use of the people frequently fail because the form in which the engineer leaves

(Continued on page 3.)

CALENDAR

Thursday, December 11, 1913.

1.30—T. C. A. Speaker—Union.
8.00—Walker Club Meeting—Technology Club.
1917 Basketball vs. Holliston H. S.—Holliston.

Friday, December 12, 1913.

1.25—E. E. Trip, Lynn—E. E. Library.
2.00 and 3.00—C. E. Trips, Berger Instrument Factory—Union.
7.30—Chemical Society Meeting—Union.
8.00—Hockey, Tech vs. Tufts—Arena.
8.00—Chauncy Hall Club Meeting—Union.

Saturday, December 13, 1913.

4.00—Nominations for Junior Prom. must be in—Cage.
6.00—Junior Class Dinner—Union.

THE TECH

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THURSDAY, DECEMBER 11, 1913.

In Charge of This Issue

Editor—E. F. Hewins '16
Associates—W. A. Houser '15, A. C. Fellows '16, J. R. Spalding '17.

Course Conferences

We wish to call the attention of the Freshmen to the conferences given by the heads of the Courses of Instruction to facilitate the choice of a course, and, so far as possible, to prevent mistakes in this selection. The time and place of each conference is given in another part of this issue. As some of them take place immediately, those who wish to attend should look them up at once.

As this choice is probably the most important step in every man's Institute life, it is well worth while for each Freshman to spend the short time required in getting the "dope" on each course in which he feels any interest at all; it may forestall the mistake of a lifetime.

The conferences are held at this time so that the men, after hearing them, may talk the matter over at home during the Christmas vacation before making a final decision.

With the dinner last night THE TECH, Vol. 33, has added another feature to the already attractive proposition which they offer to the men on the paper. The work is interesting, the experience is valuable, the men you meet are the big men of the Institute; and if you make good you will be in that class yourself. To this list is now added attractive banquets, where the crowd can get together socially.

President MacLaurin's report to the corporation is rich in points of interest to the undergraduate, espe-



Many of last year's Varsity Track Team are to be seen practising regularly at the Gym. "Tommie" Huff and A. B. Curtis are both busy at the hurdles, while "Spig" Guething and Charlie Fox are working at the shorter distances.

J. Bolton was out for the first time this season and started serious practice for the relay team.

Captain Nye, of the Cross-Country Team, ran a pretty six laps, leading Haviland and Bernard by a couple of seconds at the finish.

A total of seventy-eight men are taking track work at present, and a good fifty were out yesterday.

The shot-put is a weak spot in the team, but two Freshmen, Lee and Seymour, are practising regularly and rounding right into shape.

Garrita '16, Hall '14, Doon '17 and Pollard '17 keep the high jump busy.

Of the intercollegiate championships last year Harvard won six, Yale four, and Pennsylvania, Cornell and Columbia two each.

Eighty-one men at Harvard were awarded their "H" this year, ten being from Phillips Exeter, nine from Groton, while those from Middlesex and Milton got eight.

Brown University started indoor track work Monday.

CIVIL ENGINEERING SOCIETY

Trip To Berger Instrument Factory Friday Afternoon.

Friday afternoon the Civil Engineering Society will take a trip to the instrument factory of C. L. Berger and Sons. Two parties will start from the Union, one at two o'clock and one at three o'clock.

Berger and Sons make all kinds of engineering instruments and the trip affords Course I men an opportunity to learn about the construction of the instruments they will have to use in their future work.

cially with regard to the new courses. The Institute has always been a pioneer in scientific instruction, never hesitating to break new paths and build new structures in the fields of human knowledge.

Particularly to be noticed is the proposed course in Engineering Administration. The Institute, in giving to its students an education so exclusively scientific, has been accused of being as narrow in its own way as are the classical colleges, against whose narrowness it has presumed to lodge a protest. A course in Engineering Administration will show that Tech has not, in its reaction against the old educational system, gone blindly to the other extreme. Technology has been on the lookout for the latest and best in professional training, and when it is of evident advantage that the rigor of an engineering course tempered with the liberalism of the cultural college and the disciplinary system of business life, it is Tech that is first to inaugurate a course which shall combine the three.

COSMOPOLITAN CLUB IN IMPORTANT SESSION

Relations With Other Clubs Main Consideration — Nominations for Officers.

At the meeting which the Cosmopolitan Club held last night six important matters were taken up. First, the report of the committee on the Chinese Night was considered, and the club expressed itself as being highly pleased both with the program and its execution. Second, the question of delegates to the convention of the Association of Cosmopolitan Clubs. Owing to the fact that the convention is to be held at Iowa City during the last of Christmas week, it was decided that no delegate could be sent, but it was voted to ask Dr. Nasmyth of Harvard, who is an associate member of the Tech organization, to represent the Club in the convention.

The Harvard Cosmopolitan Club has invited the Institute Club to join with the Association to hold its next meeting in this city. After some discussion, it was voted that Harvard's invitation should be seconded, but not entered into jointly.

The plans for the British Night were announced. It is to be a Ladies' Night, as was the Chinese Night, and will be under the general supervision of E. W. Mason '14, the British National Chairman.

The New York Intercollegiate Cosmopolitan Club has written to Tech, asking that Tech's name be added to the list of Cosmopolitan Clubs in the East which are protesting the date of the convention. The Club voted to take no action in the matter, but to back any action which its delegates might choose to take.

Every Club in the Association is supposed to have a business representative to the Association, as well as an associate editor for the news of his Club. These officers were chosen temporarily: L. W. Snow being chosen representative and Turpin Hsi editor. Nominations for final election will be received from now until Dec. 17. Five signatures are necessary. Papers may be left at the Cage for Turpin Hsi, Secretary of the Club.

TECH ARCHITECTS

Architects who received their training at Tech are now very much in the public eye. Cass Gilbert '79 is the architect of the Woolworth Building in New York. W. W. Bosworth '88 is the man selected to plan the New Technology. Guy Lowell '94 presented the accepted design for the new Court House in New York. His design has received the greatest praise from his brother architects, although it seems that the influence of the judges is directed towards setting it aside. Among the group of prominent architects to decide the contest for the Massachusetts State Building at the Panama-Pacific Exposition are J. Randolph Coolidge '90 and Allen H. Cox '99.

There are just six colleges in the Intercollegiate basketball league this year. They are Columbia, Cornell, Dartmouth, Pennsylvania, Princeton and Yale.

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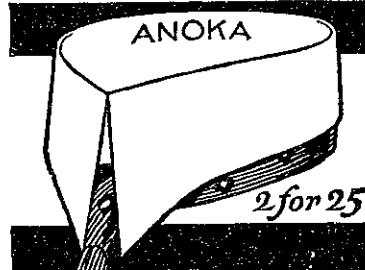
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THE TECH DINNER

(Continued from page 1.)

them is not adaptable for newspaper use. THE TECH, consequently, affords that training in writing and expression in such a manner as can be best and most interestingly understood by the readers.

As engineers, said Mr. Ritchie, men should not curtly show news reporters the door, but they should give them the story directly. Otherwise, the news will be ascertained from other sources, and in most cases will be distorted and oftentimes published falsely. The news reporters, said Mr. Ritchie, are so enquiring that it is only once in a lifetime that a secret like the name of "Mr. Smith" can be kept from the newspapers: Newspapers are always willing to take what engineers have to offer them, and the experience gained from the work on THE TECH will enable men to see for themselves the news values, and the necessity for emphasizing these points. It is here, that service on THE TECH may be of great value. It makes reporters of the men; the engineer ten years out of school will not feel, however, like exchanging places with a news reporter, but it will give him an invaluable knowledge of what news is.

Mr. Ritchie said that he thinks THE TECH is most assuredly worth while, and that Technology certainly has the

news to justify a daily. The men learn what news is, how to present it, and when it comes to setting forth their own work or that of their employer they can do it understandingly. The paper can be of value to the men. The men working on THE TECH have to divide their interests among their studies and news work, but they should not lay too much emphasis upon the latter, and not enough on their work. The demands in time should not be great, and with a large staff of men, the total burden should not fall with disastrous results upon a few individuals. Mr. Ritchie said that service on THE TECH should be considered honorable and useful experience, bringing the young engineer into an atmosphere that may prove to be of great benefit to him in after life. Mr. Ritchie then told of the nature of his work, saying that the M. I. T. News Service made the endeavor not to make the papers take what they do not want, but to give them news they are anxious to publish, and of interest to the public. The work consists essentially of the translating of engineering work and technical terms into language that can be understood by the people.

Mr. David Carb was the next speaker, and he said that when he came to the Institute, THE TECH had just expanded into a daily. It had since passed through several stages, stages of miserable proof-reading and of news coloring, with especial reference to "across the river." Mr. Carb said that THE TECH now stood for clean journalism. He expressed his regret at the giving of pins to the men, for he thought that men should come out for the paper for what it is worth and for what is in it, and not for some heroic reward.

Men who go out for an activity like THE TECH get a broader perspective, both on the engineering profession, and upon life in general. It gives them a sense of variety, an opportunity to broaden their minds. Variety is a necessity, said Mr. Carb, and an educated man given monotony can not exist. As soon as a man yields to the narrowness of his profession, it leaves him, and outgrows him, leaving him helpless. Because a man wants something outside of his profession, he can get more out of the Institute and out of his youth than those who sneer at him, and he can well afford the sneer, for the laugh is on his side.

Mr. G. DeWitt Marcy, of the Advisory Council of THE TECH, was the last speaker of the evening, and he congratulated the Managing Board upon the large number of men at the dinner, and associated with the daily paper. He spoke of what can be gained out of THE TECH, saying that much pleasure is gained alone from the satisfaction that one is working for something that is good. The experience gained on the business side of the paper was of very much value, and many of the problems met with are of a similar nature as those to be coped with in later years. He said that the efficiency of THE TECH depended upon team work, upon the co-operation of all men in all departments. He urged the necessity of each man working to his greatest efficiency, and he stated that they ought to realize the great opportunities THE TECH offers to get the most possible out of it.

The evening was concluded with the singing of the Stein Song, and with a big "M. I. T." with three "THE TECH's" and a Taylor on the end. It was certainly the most successful dinner ever given by THE TECH in its whole history.

Princeton's swimming team is entered in twelve meets.

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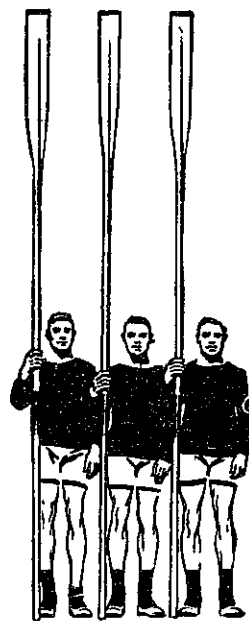
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PRESIDENT MACLAURIN

(Continued from page 1.)

Professor Woodbridge was one of the pioneers in the scientific application of heating and ventilating, and has done much to solve some of the more difficult problems connected with this line of work.

In the department of Architecture, Professors Williams and LeMonnier are carrying on jointly the work done formerly by Professor Despradelle. M. LeMonnier is new to America, but he has gained by his power of adaptation to the strange conditions the respect of all who have come to know him. The Faculty has been further strengthened by the promotion to it of Dr. Edward Mueller and J. W. Howard.

Dr. MacLaurin refers to the increasing number of students, and to their distribution, geographical and in point of studies. The gain is most conspicuous in the Freshman Class and in the Chemical and Mechanical Engineering courses. Thirteen per cent increase in the number of foreign students, so that Tech has now nearly twice as large a proportion of foreign students as any college in the country.

The attention of the Corporation was called to the activity of the Alumni. Four Alumni committees—those on the Alumni Fund, the Housing of Students, Walker Memorial, and on the Business and Engineering Administration—are showing the spirit which is characteristic of the Alumni as a whole, and which is highly beneficial to the Institute.

The selection of the architects for the New Technology was commented upon as being extremely fortunate, as was also the selection of Stone and Webster for the engineering work. Mr. Bosworth and Mr. Taylor are devoting themselves to the work in the spirit of the Alumni, and it is a constant pleasure, says Dr. MacLaurin, to see how efficiently they are handling every detail of the complex problem presented.

In considering the changes in the courses of study, President MacLaurin noted the establishment of the new course in Industrial Physics and the organization of research work within the Department of Electrical Engineering. The former was in response to the need for men trained especially in physics and the ability to apply their training on the industrial field; the latter was possible through the support of the American Telephone & Telegraph Co. and of other corporations and public-spirited individuals.

Technology is the first educational institution to begin the work of making adequate provision for the growing science of aeronautics. Through the active interest of the Secretary of the Navy, Mr. Jerome C. Hunsaker, of the Corps of Naval Constructors, has been detailed for service at the Institute. Mr. Hunsaker is a graduate of the Institute, and is to devote his main energies to co-operation with the other members of Tech's staff in developing courses of instruction for aeronautical engineers and promoting research in that branch of applied science. He has studied in Europe, and will aim at establishment of carefully planned courses in the theory and practice of aircraft design, rather than mere descriptive lectures. In order that these courses may maintain the reputation of the Institute, and that they may live up to its traditions, a properly equipped laboratory will be necessary for experimentation and research, and it is hoped that means will be found to supply this need in the immediate future. Ten years ago America led the world in aeronautics, but since that time we have fallen behind, and if we are to make good this deficiency Tech must do its part.

COURSES OUTLINED

(Continued from page 1.)

December 13th, from 12.00 to 1.00, in Room 10 Pierce.

COURSE XIII—Professor Peabody will meet students on Monday, December 15th, at 4.00 P. M., in Room 32 Eng. C.

COURSE XIV—Professor Goodwin will meet students on Thursday, December 18th, at 4.00 P. M., in Room 23 Walker.

CADET OFFICERS

(Continued from page 1.)

interested in drill who hope to become officers next year, although if they do not become officers, they must drop out of the club at the beginning of the second year.

The discussion then turned to a regimental dance, and it was decided to have one at some hall in the city, although quite a number desired some out-of-town place. This dance, it was decided, will be run by the club in conjunction with Freshmen elected, one from each company, by the men of the company. The dance committee is to be appointed by the president, the appointments to be announced at the meeting Wednesday.

The executive committee of the club is to be composed of the officers and one member elected at large. Captain M. F. Brant was the man elected.

JUNIOR PROM. COMMITTEE

Nominations of candidates for the Junior Prom. Committee are due at the Cage in the Union until 4 P. M. Saturday. All papers must be signed by at least ten men. The elections will be held before the Christmas recess.

The library at Penn is suffering from vandalism in its worst form at the hands of the student body. Even the Encyclopedia Britannica has not escaped mutilation.

With reference to the establishment of a course in business administration, Dr. MacLaurin said that the matter had been raised in definite form by the report of the committee of the Alumni. The matter is still an open question. The movement has been checked somewhat by the feeling that such training could best be gotten by experience; but the President pointed out that this argument had been used against the training in schools of doctors, lawyers and engineers, and that the real question is whether the time which a man would devote to his studies had better be devoted to something else. The field, he feels, has scarcely been entered upon, and an eminently proper one for the Institute to cultivate.

Another accomplishment of the year that is of great prospective significance is the establishment of a School for Health Officers in co-operation with Harvard. Affiliation with the other institution in this manner indicates the extent to which emphasis is being laid on the primary duty of every educational institution to free itself from selfish points of view and look exclusively at the good of the students it can influence.

The President concluded with a short statement of some of the problems which will have to be faced in the future, considering such matters as the turning of land resources into money resources, the handling of the increased number of students, and of meeting the increased cost of maintaining the new buildings.

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