

PRESIDENT DEPICTS INSTITUTE'S GROWTH

Report for the Year Records
Increases and Changes in all
Departments — Co-operation
with Industry Successful

AWARD MANY SCHOLARSHIPS

Technology has grown remarkably during the last year, according to the report of Acting-President Elihu Thomson for the year 1919-1920. The roster of students has greatly increased since last year over all previous years, necessitating a rearrangement of teaching facilities. All of the departments have been exceedingly active and several changes have been made in them.

Registrar Walter A. Humphreys reports the following statistics in registration. The registration up to November, 1920, showed a 67 per cent increase over that of 1918-1919 and a gain of 57 per cent over the largest previous registration, that of 1915-1916. There is a 35 per cent increase in the number of students of other colleges entering the Institute, 40 per cent of whom entered the upper classes.

Graduate Courses Increased

The chemical and graduate courses showed the largest increases in the number of students registered. More students, in proportion, now come from a distance than from adjoining districts. The Western States lead in this increase, the South Atlantic and the North Atlantic following in the order named. Foreign students now constitute 3 per cent of the student body now, 32 countries being represented. Canada sends 38 students and China 40, these being the largest aggregations from foreign countries. The average age of the tender freshman is 18 years and 11 months. The professional courses showed a larger proportional increase than the scientific, 76 per cent against 38 per cent. The Mechanical Engineering course still has the largest number of students. Following it comes the Chemical Engineering Course, and after that the course in engineering administration.

Undergraduates received 317 scholarships of \$295.00, awarded by the Faculty committee. A total of 352 students received aid through action taken by this committee.

Bonus Awarded Instructors

A bonus was awarded the instructing staff in lieu of an increase in salaries. This action was only temporary and, as soon as a careful consideration of the matter can be made, permanent action will be taken. To accommodate the increase in the number of students, the classes were subdivided into smaller units various were repeated, and the number of instructors was increased.

An event of importance was reported for the Department of Civil and Sanitary Engineering. The War Department has decided to send a group of 37 officers to complete the requirement for obtaining a bachelor's degree in that department. They will attend the regular classes. The ninth session of the surveying camp showed that the cost for food and miscellaneous expense of students was reduced from \$1.47 per day, of the previous year to \$1.46, the total charge being \$77.38 per man. The camp in underground surveying was held at Park Hill, near Corinth, Ct. The department also reports that the demand to fill jobs classified under this head far exceeded the supply, especially on sanitary engineering.

Departments Combined

The Department of Mining and Metallurgy has been combined with the Department of Geology and Geological Engineering under the title of the Department of Mining, Metallurgy, and Geology. This department is in charge of Professor Waldem R. Lindgren.

Professor William Emerson has succeeded Professor Stephen Codman in charge of the Architectural Department. He was engaged to reorganize the department. Mr. Albert Ferran has been obtained as a professor in architectural design. He is a graduate of L'Ecole de Beaux Arts and winner of the Grand Prix de Rome in 1914.

The Department of Chemical Practice in Engineering has resumed its activities under the leadership of Professor Haslam. Three stations are in operation, one at Bangor associated with the Eastern Manufacturing Co., and the Penobscot Chemical Fibre Co., one at Buffalo in conjunction with the Lackawanna Steel Co., and the Larkin Co., and one at Everett, Mass., in co-operation with the Merrimac Chemical Sugar Refinery and the Boston Rubber Shoe Co. The Du Pont fellowship has been in existence the last two years. The Monsanto Chem-

ical Co. donated a fellowship last year and the Grasselli Chemical Co. one this year.

Research Department Active

The department of Industrial Co-operation and Research has been exceedingly active in the last year. This department was organized a year and a half ago for the purpose of obtaining closer contact between manufacturers and contractors, and the Institute staff so that the professors could work on the solution of such problems as were submitted to them. The department reports that the plan is an unparalleled success. Up to November 6, it has handled 406 queries. There are 204 companies contributing and the annual retaining fee for this service amounts to over a quarter of a million dollars. The plan has not struck a blow at pure research, as was thought by some, but has provided the means whereby more of an opportunity for this kind of work is available. For this purpose there is an annual fund of \$6000 and this is constantly growing.

Undertakes Huge Index File

In order to carry on its work the department is undertaking to index over 3237 names of men who are especially able to solve problems which come in the scope of the department. These names will constitute a Technology "Who's Who" as all of them are former students of the Institute. The department has also undertaken the task of arranging for the employment of Institute undergraduates after graduation, by cataloging a record of their work and qualifications and arranging for personal interviews between the students and representatives of various companies. This work will in a way supplement the efforts of the various departments now.

CATHOLIC CLUB DANCE

Last night about 300 couples were present at the dance given by the Catholic Club. The affair was held at the Copley Plaza, and lasted from 9 until 1 o'clock. Music was furnished by the Fandel 15 piece orchestra, unknown to previous Technology dances. The matrons were: Mrs. Channing Cox, Mrs. Alvin T. Fuller, Mrs. Andrew J. Peters, Mrs. Henry P. Talbot, Mrs. A. L. Merrill, Mrs. James A. Kiley, and Mrs. M. J. O'Connor.

TECHNIQUE ELECTORAL BALLOTS IN SATURDAY

(Continued from Page 1)

The committee meets three times a week until its business shall be concluded.

Due to the long delay before the first decision was reached last year, the Technique Board has proposed several amendments to the Electoral Committee Constitution, which have been accepted by the Institute Committee. These amendments will, it is hoped, improve the system of voting and prevent, to a certain extent, the playing of politics for which the last committee was criticized.

Immediately after its election this year the committee will meet under the chairmanship of the president of the class, and it is expected that under the new constitution it will conclude its business in less time than last year's committee.

Regarding the Hare system of voting, the system which is to be used for election to the Technique Electoral Committee, D. F. Carpenter '22, editor-in-chief of Technique 1922, gave out the following statement last night:

Due to the dissatisfaction expressed by the members of the Sophomore class relative to the Hare System of voting for the Technique Electoral Committee the following points should be of interest.

This system was adopted by the Institute Committee; the Technique Board and previous Electoral Committee had nothing to do with its adoption.

The system is looked at in the wrong light. The idea of the system is to give to every group of a certain number of voters a representative on the committee. In this light there is no question that it works very well. There

is no idea of putting on the most popular men in the class, for this would defeat the purpose. The Electoral Committee is to elect the Technique Board, and in doing so it should have representatives from all the factions in the class in order that all possibilities should be considered.

The question is raised, "Is it fair if I vote for 25 men and none are elected?" If this is the case it shows that the ideas of the voter were not agreed upon by a sufficient number of other voters, and he therefore should not be represented.

The Hare System had proved very satisfactory in all cases, and there is no reason why it should not do so in this. If the voter will look at the matter from the standpoint of his representation rather than from that of his chance of being elected it will be clear that the system is fair.

DISCUSS RUBBER AT SMOKER

The Chemical Society heard an address by Myron H. Clark of The United States Rubber Company, on the "Manufacture of Rubber," in north hall last Tuesday evening. The executive board met last night to arrange for trips and smokers for this month.

FIFTEENS POSTPONE LYNN TRIP

Corporation XV has postponed its trip to the General Electric Company, which was to have been taken on the 9th. The excursion will be made on the 16th it was announced today. The trip should prove of interest to a good many XV men particularly those in XV-2. R. H. Rice, General Manager of the Lynn Plant will address those members of the corporation who take the trip, and there will be every opportunity to learn about the organization and work of these shops.

ATHENS CAFE

THE LEADING

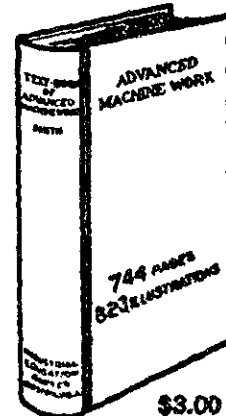
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