

ceive the final words of advice and good counsel from that body of men who have labored with and helped us—the Faculty. Tomorrow we shall go forth as sons of Tech and by us will be judged the institution from which we have come. By our deeds we shall be known and in knowing us the world should know the place which gave birth to us into the technical and scientific world. Let us look to it, therefore, that we bring naught but credit and honor upon Tech. We, who are to be builders, of an unknown future, must be sure that the superstructure which we build shall be worthy of the foundation which has been made for us. Today we are at the entrance of a new world. Tomorrow we shall enter therein and strive to be a factor, a living, moving factor, in the world of work. We know that work for us has already been well begun. We go out from no atmosphere of play. The standards set by this institution have been recognized by the world, and the world knows that he who plays does not reach the goal which has been here attained. We do go out, however, into a new world. Throughout our course here we have been guided; now we must guide ourselves and others. Hitherto we have been helped in the solution of problems; now we must decide for ourselves and abide by the outcome, be it right or wrong.

Let us pause for a few moments and think over the years spent here and what they have meant to us. Let us ask ourselves three questions:

Have we learned to know as we should the man working next to us in the class-room, lecture-hall or laboratory?

Have we come into close touch and fellowship with the men over us—the Faculty?

Have we got all out of our life here that there was in it for us?

These are the questions which should have been considered at the beginning of our student-life, but which must be faced now and answered by our lives. Answered affirmatively if we are successful as men and fill places of usefulness in the world.

The first two may have been slighted in the past, but in the future they will be of vital importance. To deal with men one must know men. To know men one must come into close association and touch with men.

The third is especially true of the scientific or technical man. He must delve to the very bottom. He must find the very essence of his subject if he is to add something new to the field of discovery that will prove of real worth. We hear it claimed that often a discovery or invention is the result of accident. Yes. Yet who but the observant will recognize the accident? Who but the trained man will be able to employ it for the advancement of science? So what appears to be mere chance is oftentimes the result of years' patient labor and research.

These questions may be summed up into one. Have we broadened since we left prep school or home four years ago? Yes. First: What do we mean by the term breadth? We have broadened in our profession. Is that alone what the world means by breadth? I say no. The world is prone to look to the college to turn out men who, from their

training, are better fitted to look upon all sides of a question. From the very nature of our Alma Mater it is impossible for us to broaden as we should during our student days. A scientific or technical school must necessarily give less consideration to the so-called broadening courses for the purely scientific and technical. The Tech man must limit himself to the study of such subjects as may appear to be narrowing. I ask you, though, does Tech graduate only narrow men? I say no. The fact that positions of responsibility which many of her alumni have filled has long since disproven the theory that a technical school can turn out only machines. The man who has been taught the necessity of systematic research, the man who has been trained to probe to the very bottom and find a reason for the existence of certain facts is not thereby made narrow. The institution which teaches a man these things cannot be called narrow. Tech qualifies a man, not to be the machine, but to run the machine. To be the brains behind the machine, that whoever will may run it. Each man goes out capable of filling some definite position in the world.

If, then, we are not graduated narrow men, can we claim to possess all desirable breadth? No, for we are not broad as the world understands the term. The mere naming as our Alma Mater a college or a technical institution does not make us either broad or narrow. We shall be only what we make ourselves. This is what we must inevitably consider if we would prove of real worth to the world. If we graduate as architects, we must not be satisfied with Vignola—good as he was. If we are engineers, turn from Foster and Kent. Let us know our neighbors, what our city and our State stand for, and by our own personal effort aid in making that standard the highest. If we are to deal successfully with men, then we must know men. Who needs this more than a man who is to have direct supervision of laboring men?

The Orator concluded with a direct exhortation to the class to have high ideals and to stand by them, and to always make brighter the name of Technology.

PRESENTATION OF CLASS GIFT.

By the President Maxwell Alan-son Coe. The last event of our programme this afternoon is the presentation of our Class Gift to the Mass. Institute of Technology. This, it seems to me, is the most fitting time for we wish it to be understood that the presentation of this gift is the last official act of the class as undergraduates.

Last year the class of 1905 presented as their gift to the Institute a restoration of seven of the panels of the old frieze that once adorned Huntington Hall. President Rogers was instrumental in having the original frieze painted in 1870.

In the summer of 1898, during the renovation of Huntington Hall all the panels were destroyed. The restoration of the panels was done by members of Architectural Course.

Our class presents a hygienic marble fountain to replace that al-

ready in the main corridor of this building. This fountain was designed by an architect of our class and has been purchased with money subscribed by members of the Class. On a large tablet above the fountain is inscribed; "Presented by the Class of 1906."

We give this fountain with a definite end in view, namely—to increase if possible the veneration and loyalty that the student body holds for the Institute. We hope that the students of classes to come on drinking at this fountain will be inspired with some of that devotion to Technology which now thrills us.

ALUMNI RECEIVE SENIORS.

To the martial music played by a band made up all sorts of instruments the class of 1906 walked into the outstretched arms of the alumni last Friday evening, and were welcomed into the great army of graduates by Pres. Everett Morss '85 of the Alumni Association.

President Pritchett the principal speaker of the evening, after welcoming the seniors and again speaking of the increased power and responsibility which has come to the alumni through their representation on the Corporation, spoke on the relation of the Institute to the Commonwealth, saying that the Institute could well claim the increased support of the state, even a \$1,000,000 gift for a new site.

Major Briggs, '81, said that '81 had raised \$1000 towards the support of athletics. Copeland, '76, representing his class, presented '06 with the "Ladder of Success," saying that there was plenty of room at the top.

'96 presented "The World to Conquer," a gold brick, a home, and an automobile. The stunt of the seniors was a relay race, four men to a team, which was a combination of a pie eating contest and a potato race.

SENIOR PORTFOLIO.

The publication of the Senior Portfolio has been delayed at the printers and the book will not be ready for distribution until June 12. In order to facilitate matters for the committee it is of the utmost importance that every man should pay the subscription price of five dollars (\$5) and the book will be sent by express.

Men remaining in the city after June 20 can obtain Portfolios at Notman's Studio, 384 Boylston St. Payments can be made to Louis F. Mesmer, Stewart C. Coey, Ralph R. Patch, James H. Polhemus and Herbert A. Terrell.

Cabot Medals for the most marked improvement in Physical Training during the year have been awarded to Tuckerman, '06, Greenwood, '07, Tresnon, '07, Tobin, '08, and Saeger, '09.

The Pops Concert Committee requests that all those who have applied for seats and have not received them may obtain them at the Technology Club to-day or to-morrow from 4 until 7 p.m.

COMMENCEMENT EXERCISES.

The Commencement Exercises will be held in Huntington Hall on Tuesday, June 5, at 2 o'clock. Abstracts of theses will be read by the following men representing the different courses:

Course I, C. T. Bartlett. Test to Determine the Tensile Strength of Steel Angles.

Course II, H. V. O. Coes. Determination of the Live Load on Locomotive Driving Springs under Actual Running Conditions.

Course III, R. P. Reynolds. Lime Roasting of a Galena Concentrate with Special Reference to the Savelsberg Process.

Course IV, E. A. Walter. Design for a Museum of Fine Arts.

Course VI, E. T. Steel. Deisel Engine Plant at Mansfield, Mass.

Course VII, E. C. Steinharter. Neutral Red as a Presumptive Test in Bacteriological Water Analysis.

Course VIII, B. W. Kendall. Determination of the Coefficient of Expansion of Silver-Zinc Alloys by the Abbe-Fizeau Dilatometer.

Course X, W. J. Walsh. Method for Removing Sulphuric Acid from the Gasses Evolved while Charging Storage Batteries.

Course XI, C. Saville. Study of the Purification of Paper Mill Waste.

Course XII, C. L. Anson. Rudder Tests.

Candidates for the Degree of Master of Science.

J. L. Ackerson, G. H. Barrows S.B., D. R. Battles, S. A. Caine S.B., G. C. Funk S.B., R. D. Gatewood, I. A. Ryan S.B., G. S. Tower S.B., W. H. Whitcomb, S.B.

Candidates for the Degree of Bachelor of Science.

D. Adams II, S. C. Allen V, J. W. Anderson II, C. L. Anson XIII, M. B. Ashmore VI, H. S. Bailey A.B., V. H. J. Ball II, J. I. Banash VIII, R. J. Barber III, E. S. Bardwell III, H. P. Barnes I, C. T. Bartlett I, E. B. Bartlett A.B., VI, F. R. Batchelder VI, H. W. Beers I, A. L. Bell XIII, F. A. Benham I, L. N. Bent X, F. H. Bentley II, O. B. Blackwell VI, A. A. Blodgett IV, L. G. Blodgett I, D. Bloom V, A. S. Boynton II, R. D. Bradbury I, C. F. Breitke XI, H. W. Brown II, H. H. Brown XIII, W. S. Brown III, F. A. Brown XIII, J. M. Buchanan B.S., III, G. H. Buckingham IV, H. W. Buker III, R. H. Burke I, C. R. Burleigh II, G. E. Burnap IV, G. W. Burpee A.B., I, W. J. Cady VI, E. S. Campbell IV, S. T. Carr VI, J. J. Cartagena A.B., VI, C. E. Carter I, W. S. Cayple III, A. M. Cederholm V, W. E. Chadbourne VIII, L. R. Chadwick XIII, E. Chandler XII, C. H. Chase II, E. P. Chase VI, A. M. Cheney II, A. M. Chidester I, R. S. Clarke XIII, R. S. Clarke VI, W. B. Clifford II, H. V. O. Coes II, S. C. Coey VI, H. H. Cook II, W. Couper I, R. E. Cranston II, P. N. Critchlow B.S., I, R. E. Cushman II, J. C. Daly, Jr. I, G. L. Davenport, Jr. I, D. C. Davis VI, R. P. Davis I, H. W. Dean VI, W. J. Deavitt A.B., III, W. G. de Steiguer III, C. Dill A.B., X, T. A. Dissel II, J. J. Donovan IV, D. D. Eames II, F. E. Earle II, C. F. Edwards B.S., XIII, E. M. Eliot VI, E. B. Evans IV, T. W. Faber II, W. F. Farley I, R. D. Farrington II, C. A. Farwell I, A. Fisher, Jr. X, E. D. A. Frank II, F. M. Fuller II,