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ENGINEERING RISE

Rapid Rise in Importance of this Profession.

Facilities for Carrying on the Work Here Inadequate.

The rapid rise in importance of the engineering profession which has taken place within a comparatively short period, has nowhere been more thoroughly appreciated than at the University of Michigan. As the progress of industry has every year attracted more and more young men into the various branches of engineering, the University has kept pace with the demand for more thorough instruction. The result is shown by the increased enrollment in the engineering department, of which President Angell, in his annual report of the Board of Regents, speaks as follows:

"In the engineering department the attendance rose from 609 in 1902-3 (which was a gain of 120 over that of the preceding year) to 823, an increase of 114. And at this time there is a prospect that at least 1,000 students will be registered in the department for three or four years, the engineering students will equal, if not surpass, those in the literary department.

"And a similar tendency is observable in all parts of the country. Young men are in great numbers seeking to train themselves in the application of the sciences to the practical arts, and especially to those which we are accustomed now to group under the general name of engineering. The stronger technological departments in the universities are finding their resources taxed to the utmost to accommodate the rapidly increasing classes. All this is due, no doubt, to the calls which the recent extraordinary development of our manufacturing industries is making for young men competent to direct them and to the rapidity with which the competent graduates of those schools rise to well remunerated and responsible positions in their professions. To make adequate provisions for the instruction of these eager and ambitious students is a serious task for us and other institutions. For of all education, that in science and its application is by far the most costly. We have been obliged to erect the largest and most expensive building on our grounds for the reception of these hundreds of engineering students, and the proper equipment of it calls for an immense outlay.

"To aid in providing for this outlay would be one of the most welcome and appropriate means in which some of our great industrial companies, who the ultimately to reap benefits from this training of young men to assist them in their work, could supplement the gifts of the state."

Since this report was filed Secretary Wade has issued an official statement of the enrollment for the present year, which shows that on Oct. 8 there were 955 students enrolled in the engineering department. As the number last year was 777, this indicates an increase of 178, the largest increase in any department.

The following is an article on Uni-

versity of Michigan. Every statement of this can be applied to the conditions of all the engineering departments at the University of Nebraska. The increase of students for the past five years has been equally as rapid as at Michigan yet no provision has been made for taking care of this increase in the way of more room or any great amount of equipment.

FIRE IN "DORM"

Co-Ed's Coolness Prevents Great Damage.

The bravery and coolness of the dormitory girls was severely tested yesterday noon by a fire which broke out in a front room in the dormitory. Miss Gomberg, who occupies this room, had an oil stove lit and the blaze from the stove found its way to the curtains and other draperies in the room. The girls in the dining room below were first aware of the fire by seeing blazing sofa pillows, curtains, etc., falling like stars from above. A fire alarm was turned in immediately, but the blaze was extinguished before the fire department arrived. Miss Harman, with exceptional coolness, entered the burning room, and tore down the curtains, throwing the pillows, rugs, etc., out of the window. Miss Harman's hair was badly singed, but her efforts were successful, and the fire was put out. The furniture pillows, pictures and curtains in the room were completely destroyed. But for Miss Harman's bravery the flames would have gained greater headway, and much greater damage would have resulted.

"Auto" Demonstrated.

Last Thursday the class in Telephones was favored by a demonstration of the automatic telephone exchange by Mr. H. S. G. Hurlburt. The apparatus consisting of two selectors and one connector, kindly loaned by the Lincoln Telephone Co., was set up by Mr. Hurlburt and Mr. Smith, of the above company and demonstrated very clearly the operation of the Strowger automatic system.

The E. E. boys were benefited greatly by this demonstration and are looking forward to the time when there will be a similar system upon the campus to experiment with.

Of the present needs of the University perhaps none is more pressing than the lighting problem.

At present, during the Art exhibit, 78 electrical house power are being furnished which means that nearly all of the available energy is being utilized. What will be done when the lights are installed in the new physics building and chemical laboratory? Obviously new equipment is imperative.

HITS PLAGIARISTS

Chancellor Andrews Scores The Underhand Methods.

Severe Penalties to be Meted Out to the Guilty.

At Convocation yesterday morning Chancellor Andrews discussed the recent cases of plagiarism disclosed in the Rhetoric department. His earnest words were received with marked attention and evident respect by the many students who heard him and the applause when he ended was proof that the course of administration in dealing severely with these cases meets the approval of every honest and loyal member of our University.

Dr. Andrews first read an extract from the "Michigan Daily" concerning the expulsion from Iowa University of a student on account of plagiarizing an oration. He then went on to say that a number of students at this school have been expelled for the same cause during the past few weeks and that most of his time has been taken up in listening to the pleas of them and their friends. He said:

"Cribbing contains all the essential moral turpitude and baseness of both stealing and lying. It is stealing because by means of it a student obtains University credit, which is a tangible commodity, a means whereby many positions are obtained as teachers or experts. It is lying because it is an attempt to make an instructor believe that work has been done which in reality has not.

"Plagiarism is a social fault, injuring the whole community. In a great University such as ours written work has to be depended upon almost entirely to show the progress and knowledge of the student, and if written work fails, the whole system falls. I would rather see incendiarism than plagiarism, for the latter is the most serious crime that can be committed against the University.

"But this fault injures the student himself most of all. What are you here for if not to learn something? And why do you take Rhetoric if not to learn to write your mother tongue? By handing in copied work you prevent the instructor from correcting your faults, and thus make advancement impossible."

Chancellor Andrews referred to the excuses that had been offered by students convicted of plagiarism. One young lady said that she thought the instructor would know enough to perceive that the work she handed in was not her own, and so there would

not be any harm in it. Others said that they had been rushed for time and had not had an opportunity to do the work themselves. But the Chancellor admitted only one excuse to be partly valid, that instructors in referring students to authorities had not been sufficiently definite as to whether a reproduction or the result of the mental reaction after reading the article was desired.

The Chancellor referred to the criticism that had been made of the severe action of the administration in dealing with these cases. But he thought that if these critics were to place themselves in his place, they would see that if the University was to strike at any infringement of rules or at any moral dereliction it must strike at this fault first of all. And in conclusion he emphasized his position and said that as long as he remained at the head of the University no plagiarist need expect any but the most severe measures if detected.

OFF FOR THE NORTH

The Basketball Men Leave This Evening at 6 O'clock.

This evening at six o'clock the basketball team leaves over the B. & M. for Omaha where they will play their first game on the trip north. On Wednesday they play the Fort Dodge Y. M. C. A. at Fort Dodge, Iowa, and on Thursday night against Shattuck Military Academy at Fairbault, Minn. On Friday night and Saturday afternoon they play our old rival, the University of Minnesota. We have never been able to lower Minnesota colors in basketball, and their team this year seems to at least equal those of the past.

Minnesota is considered one of the strongest teams in the west and on the trip last year defeated many eastern teams. But the showing made by the varsity on last Thursday night against Wesleyan gives Nebraska supporters every reason to believe that their team will stand a better chance of victory this year than ever.

Dr. Clapp will accompany the team and act as referee in all the games. The following men will go north: Hoar (capt.), Bell, Moser, Hagensick, Burgess, Krake and Manager Beers.

It is possible that a western trip will be made by the team this year. Some of the western schools seem very desirous of making dates with Nebraska but cannot give sufficient guarantee to make the trip a financial success.

Cheyenne and University of Colorado have given Manager Beer every assurance that dates can be had with them for games. These are both strong teams, especially Cheyenne, which has an aggregation that play championship ball. If Nebraska should make a trip west several strong teams would be played and doubtless several victories added to the Nebraska list.

Prof. F. E. Bolton, head of the department of education of Iowa State University, will lecture before our Pedagogical club at an open meeting in the near future. Prof. Bolton is well known through his publications, especially his book on the German school system in the International Education Series.

Junior Prom

Lincoln Hotel, February 10

Eddie Walt's Full Orchestra

Tickets, \$2.50