

# ENGAGE TWO PROM ORCHESTRAS

## Vol. XI of T. E. N. Officially Closed At Annual Banquet

### SELECT CHASE AS GENERAL MANAGER FOR COMING YEAR

Dietz, Berghell, and Anderson  
Receive Positions on  
Senior Board

### MANY ATTEND BANQUET

Volume XI of the Tech Engineering News came to an official close and Volume XII was inaugurated at the annual banquet held at 6:30 o'clock on Friday night at the Engineers Club. At this time the elections to the Managing and Junior Boards were announced as well as the members of the Editorial Board and the Staff.

Clarence M. Chase, Jr., '32 was elected to the position of General Manager. During his first year at the Institute he was connected with the Musical Clubs, and was in the competition for crew. It was not until the end of the year that he affiliated himself with the engineering publication. During the past year he has held the position of Associate Editor.

#### Dietz from Miami University

Albert G. Dietz '32 transferred to the Institute a little more than a year ago after graduating from the University of Miami. This year he was an Associate Editor on the publication. Alfred B. Berghell '32, who has been elected to the position of Business Manager, like the former two men did not immediately enter into the competition. He has held the position of Associate Editor for two consecutive years. E. Harold Anderson, the only member of the Managing Board who worked on the publication as a freshman, has been elected to the post of Publication Manager. Last year he was News Editor.

The newly elected members of the  
(Continued on Page Four)

### A.I.E.E. WILL VISIT GENERATING PLANT

Signups Must Be Made Before  
Tuesday Afternoon

Continuing the policy of this year, the A. I. E. E. will visit the Edgar Generating plant of the Edison Electric and Illuminating Company of Boston on Wednesday afternoon of this week. The generating plant is situated in Weymouth. All students who desire to make this visit are requested to sign their name on the A. I. E. E. Bulletin Board on the second floor of Building 10 before Tuesday afternoon.

The Edgar Generating Station is the pioneer station in the United States in high pressure boilers, being the first power plant to have steam at a pressure of twelve hundred pounds. In 1929 the Edison Electric and Illuminating Company was awarded the Charles A. Coffin Medal as a result of this distinguished contribution to power plant construction.

The visiting students will leave the Main Lobby of Building 10 at 2:00 o'clock Wednesday afternoon. Any one that is unable to meet at this time may have the opportunity of meeting the group outside the generating plant at 3:30 o'clock.

### T. C. A. CABINET WILL HAVE DINNER MEET

Professor of Humanities, F. Alexander Magoun and Wilber B. Huston '33 will be present at the next meeting of the T. C. A. Cabinet which will be in the form of a joint dinner meeting with the Advisory Board to make reports on the results of the Faculty Student Conference held at Detroit.

The dinner will be held in the Grill Room of Walker Memorial on Tuesday, January 13, at 5:30 o'clock, expenses to be paid by the T. C. A. All those attending are asked to let the T. C. A. office know of their intentions before Tuesday noon.

### Institute Prints Directory Of All Chinese Students

Nearly Four Hundred Gradu-  
ated Since 1861—Course  
VI Most Popular

There has just been published by Chinese students of Technology a directory in which are incorporated the names, present addresses, and activities of all Chinese students who have registered at the Institute since its establishment in 1861.

Nearly four hundred Chinese, it is disclosed, have during the past fifty-three years studied various branches of science and engineering at Technology. Of these, three hundred and fifty have returned to China. Seventeen have received doctor's degrees. 1877 saw the registration of the first Chinese student. The biggest number in any single year was sixty in 1921.

#### Course VI Most Popular

The most popular course in the Institute with the Chinese is Electrical Engineering, chosen by seventy-one students; fifty-nine have studied Mechanical Engineering. Next in popularity are Chemical and Civil Engineering, and Naval Architecture and Marine Engineering.

Educators and business men of both countries should find of very real interest, news of the whereabouts and achievements of these men, the directory compilers feel, and, especially in the present Chinese national reconstruction such information is expected to be particularly useful to Chinese Government officials in search of technically trained men to carry out projects of transportation, electrical communication, and various types of industrial development.

#### Names Printed in Chinese

Class, course, thesis, and alphabetical directories have been included in the booklet, together with the students' activities at the Institute and at home in China. An unusual feature of the directory is its glossary of names printed in Chinese.

News of the Institute Chinese Students Club and Technology activities in China are briefly outlined. A descriptive history of the school, with excellent photographic illustrations, is included for the benefit of future students.

Dr. Karl T. Compton, President of the Institute, Frank G. Allen, former Governor of Massachusetts, and Dr. Samuel W. Stratton, Chairman of the Corporation, have prefaced the directory with cordial messages to the Chinese students and alumni. The booklet was compiled by Eugene Chen Koo of Kiangsu, Editor; Chia Ching Tu of Kiangsi, Business Manager, and David Te Hui Shaw of Kiangsi, Secretary-Treasurer.

### KEY SOCIETY MEETS IN WALKER TOMORROW

There will be a meeting of the Beaver Key Society at 5 o'clock tomorrow in the North Hall of Walker Memorial. Assignments for the athletic contests for the coming season will be given out and plans for the basketball dance which will be held soon after the beginning of the second term will be discussed.

### Razors Again Dulled As Chorines Prepare

Fourteen members of the noble Tech Show cast spent the week-end removing manly characteristics so that they can take their places as the blushing maidens of the chorus. Complicated intricacies found only in the deepest archives of tonsorial perfection have been brought from their hiding places to rid the arms and legs of this year's chorines of excess fur. Today the group picture of the cast will be taken and not one hair will mar the perfect limbs of the beautiful chorus, thanks to Mr. Gillette and his well-known blades. Twice more must the operation be performed, once before the trip to Mount Holyoke and again before the Boston engagement, to insure the audiences against any false suspicions. Bring on the haymowers, the sickles, the axes, and on with the show!

(Continued on Page Three)

## Jack Crawford and Victor Recorders Make Contract

### QUADRANGLE CLUB ANNUAL INITIATIONS

Professor Pearson Addresses  
Club After Dinner

Eighteen new members of the Quadrangle Club were initiated into the club at a dinner meeting held in the Faculty Dining Room of Walker Memorial on Saturday evening. At 4:30 the meeting began and the initiates were led in and two hours later, a six course dinner was served to the club.

Professor Henry G. Pearson, head of the Department of English at the Institute, discussed other activities that the members could enter immediately after the dinner. The total number initiated Saturday evening was eighteen. Steele and Lawrence of the following list were not present and they will be initiated at the next meeting of the club.

Following is the list of new members, all of the freshmen class: Robert F. Allen, Peter Barry, Walter W. Bird, Jr., Edward P. Bromley, John B. Dunning, George T. Fisk, Frank M. Hartz, George C. Humphreys, Everett Kimball, Jr., James H. Kimberley, George M. Kinglands, George R. Lawrence, S. Norton Miner, Reginald G. Murdock, John R. Newell, Howard L. Reichard, Frank G. Richards, Hoyt P. Steele, James L. Wadhams, and Arthur O. Williams, Jr.

### CIDER WILL REVIVE DORM MEN AT DANCE

From nine until two Friday night, the Dormitory men will make merry to the tunes of the Collegian Ramblers, an orchestra which is well known among the Ames Street circles. Kegs of cider will be tapped and placed at intervals in the oil lighted hall of Walker Memorial, and refreshments will be served at the midnight intermission. Tickets may be obtained for one dollar and fifty cents at the dorm office or from any member of the Dorm Committee.

### USE OF TWO BANDS ORIGINALLY MADE BY CLASS OF 1905

Committee Will Divulge Name  
Of Other Orchestra in  
Next Issue

### PLAN CONTINUOUS MUSIC

With the engagement of Jack Crawford, "The Crown Prince of Jazz," and his Victor Recording Orchestra, the 1931 Junior Prom gives promise of being one of the greatest ever held at Technology. However, this is only half of the story! In Wednesday's issue of THE TECH, the name of a second orchestra will be announced, an orchestra known from coast to coast, which the prom committee has secured at great expense.

By the employment of two bands of musicians, the music and dancing will be continuous from 9:30 until 12:00 o'clock. During the intermission which follows in the next hour, the traditional prom dinner will be served. Rumors have it that an added attraction there will be staged a floor show during the dinner. At 1:00 o'clock the battle between the two orchestras will be resumed, and the revelry will continue without intermission until 4:00 o'clock in the morning.

#### Use Entire Walker Memorial

This year, the Prom will be held on Friday evening, March 20, in the Walker Memorial. The entire building will be available for use by the guests, the two lounges on the first floor, and the two libraries on the second floor being open as lounging rooms. The Lobby and the Main Hall, as well as the Grill Room, will be profusely decorated. The dinner will be served in the Main Hall, arrangements having been made where-  
(Continued on Page Four)

## Capacity Audience Hears Dr. Mead Speak on Boulder Canyon Project

### Lecturer Outlines Advantages To Be Derived From This Construction

Before an audience that filled Room 10-250 to overflowing, Dr. Elwood Mead, Commissioner of Reclamation in the United States Department of the Interior, spoke to students and members of the faculty on the subject of "The Boulder Canyon Project." It was the second Aldred lecture of the present series. Dr. Mead illustrated his points with a very complete set of excellent colored slides. The speaker was introduced by Dr. Stratton. Following is the text of his address in full:

"Nothing in human experience is better established than the difficulty of the human mind to fully apprehend conditions one has never seen. Few of my hearers have seen the deserts of the Southwest, or the gloomy depths of Black Canyon. We will begin, therefore, by showing the appearance of the region which Hoover Dam is to dominate.

#### Geographical Situation

"We will begin our journey at Fremont Lake in the Wind River mountains on the headwaters of the Colorado River. The map of the Colorado watershed includes one-twelfth of the United States. Further south we come into the hottest and driest part of this country, where in places the average yearly rainfall is only three inches. Black Canyon is near the southern end of the great canyon of the Colorado. Las Vegas is the nearest railroad town. There is now a road and a railroad from Las Vegas to Boulder City, the construction town, and to the dam site. Travel to the river at the upper end of the canyon is easy and high powered boats take a constant stream of sightseers

through it. At present it is a walk of several miles over a lava field to reach the top of the dam. It's a trying trip in summer on account of the heat. The road and railroad from Boulder City will soon make this journey quick and comfortable.

#### Irrigation Acreage

"The water stored will be released as needed to irrigate about a million acres in Imperial and Coachella Valleys. Lands to be irrigated in Arizona and provide for the growing needs of Los Angeles and surrounding cities. Surveys to find the safest aqueduct route from the Colorado to Los Angeles have been going on for years. This aqueduct will be the largest and costliest of its kind.

"We will now inspect the river where it crosses the international boundary into Mexico, and look at the Laguna dam where water is diverted to irrigate the Yuma irrigation project and where the All American Canal may start. I will also tell you of the levees which keep the river from submerging the cities and farms of Imperial Valley, the giant dredges which pump the mud out of the Imperial Valley Canal, and of some of the crops grown under irrigation where long season, fertile soil, heat and water make possible an agriculture of marvelous variety and high quality.

#### Size and Plans of Dam

"Let us now return to the Canyon and examine the plans of the dam and of the town where the workers will live.

"The first impression of this project is size. About every dimension is a superlative. The dam will be 730 feet high, nearly twice the height of any dam yet built. It will be 650 feet thick at the base. If it should be overturned it would still be the  
(Continued on Page Three)

## Transfer Student Gives Impressions Of Technology After One Term of It

### Discusses Spirit of Institute Work, Girls, Liquor, and Even Weather

"Technology has a spirit all of its own; it's so different from what I knew last year that I don't yet know just how I will like it." This was the first of a short conversation in which a new man at the Institute, a transfer from a Southern College, gave his impressions of what he called "our working school."

The Technology spirit, or rather the lack of it, came in for a few remarks during the talk, and he mentioned work, grounds, weather, and, of course, girls and liquor.

From the amount of time he spent on the subject, it seems that Technology's spirit is dead; yes, deceased. He is thoroughly convinced of the fact. After being here for more than twelve weeks he stated that he had seen only one demonstration of pep during the entire period, and that was at the well ordered and very precise Field Day.

He is sure that we all work too hard, or at least should. The appearance of the buildings and grounds received a word of praise; the weather was too cold; and the all-important female was declared inferior to her Southern sisters.

After a little questioning, he became a little more definite and tried to tell what goes to make up the Technology spirit of which he spoke. "I've spoken to several transfer students and they all say the same thing. This isn't a place to go to school; it's a place to get an education. It isn't a place to spend several years pleasantly absorbing knowledge and gaining an understanding of how to live; it's a factory where one comes to work, to apply himself to the business of learning a great mass of facts

in the least possible time to the exclusion of everything else.

"When I received the Freshman Handbook, with its instructions 'Learn Technology's Cheers,' and the description of all the athletic activities at the Institute, I thought that this would be the most pleasant place in the world—plenty of work to keep one busy and still lots of other things to make the work enjoyable.

"I was mistaken. Since coming here I've heard one Tech cheer, and after I get through my work at five in the afternoon, it's dark and time for supper. Everyone seems to be in the same fix. It's just work, work, work. The profs expect the students to spend every night and every holiday at the grind. One of them even assigns extra work to be done when there is a holiday. How can one expect the student body to have the attitude of a college when it has to work all the time?"

#### Students Affected by Work

The effect of this constant work shows in the students, he said. They all walk around looking very serious; levity is frowned upon; everyone seems so intent on his work. Once in a while some one is seen laughing, but he is so far outnumbered by the grim, determined ones that he is no more significant than the traditional drop in the bucket.

"I had my college days before I came here," he continued, "and I'm surely glad of it. I'd hate to have spent all my time at Tech. I honestly feel sorry for the boys who come here from high schools and never get to feel the spirit of a college campus.

"Perhaps they don't know what they are missing and so don't mind it; but I sometimes have a longing to get back to a place where there are a few trees, a little laughter, something besides work all the time.  
(Continued on Page Two)