Occasion of Bursar Rand's First Address to the Class of 1915

On Thursday evening, March 21, the annual Freshman dinner will be held in the Union dining room at 6 o'clock. The committee in charge is planning to make it a notable success by including a number of new and original items in the menu, which will be something of a surprise, for a very unique one has been planned.

The speakers are well known to every Tech man as persons who are interested in not only the school, but also the social life of the student. Among them are Professor Talbot, Mr. Blackiston, Mr. Kanaly, Dean Burton, and Brown. All of them are well-known as after-dinner speakers, and a chance to hear them is regarded as a rare treat. This will be the first time Mr. Burton has addressed the Class of 1915, and he will, without doubt, uphold his reputation for picturesque oratory.

**COURSE I MEETING**

James E. Rollins Will Speak At Dinner in the Union.

At 6:30 o'clock tomorrow evening a dinner and important meeting of the Civil Engineering Society will be held in the Union. James E. Rollins, who graduated from the Institute in 1891, and is now the president of the well-known engineering and contracting firm of Holbrook, Cabot and Rollins, this concern is now constructing the foundations of the new building of the Boston Edison Company. Mr. Rollins has arranged a strong array of speakers for the evening. A number of prominent men have already been conceded first places in the annual interclass competitions. At the last annual banquet, which had the prior reservation of the Institute, the annual awards for the Freshman class were announced, and a picture of the society will be taken.

The Sophomore Baseball Schedule Announced

Nine High School Games Precede the Freshman Series On May 11, 15, 18.

The Sophomore commencement baseball season is in two weeks. Three games, the annual schedule with the neighboring high schools, consisting of a dozen games. The prospects of a successful season are very bright, there being several lines of last year's team on hand. At least thirty men have notified the team that they will try for a position on the team, and there will be a chance for the pitch-er's box. It will be necessary, that every man try for a place on the team, as the games are well-bunched, three of them being within four days, early in the season. At present there are only ten or eleven players who could fill this position well. The roster for the season will be announced, and Mr. Harris, a new manager, will start the campaign.

The greater part of the season will consist of three games per week, the first game to be played in May. The schedule as a whole, with the possibility of exceptions, as the game with Wellesley on April 19th, which date is not yet definite, and the two open dates, April 6th and 16th, is as follows: April 6, open; April 19, open; April 23, Wellesley High; April 27, Natl High; April 30, Wellesley; May 3, Harvard; May 7, Babson; May 11, Babson; May 14, Wellesham High.

On Tuesday, March 18th, a meeting of the candidates will be held in the Union at 1 o'clock to elect a captain and to discuss the positions desired by each man.

Dr. Mills Will Speak

Pastor of Methodist Church to Wilkins. The ballots may be obtained with the Freshmen as a wind-up late in May, and requires no introduction to the.

The speaker at the Christian Association meeting on Thursday, March 21st, will be the Rev. Ernest Lyman Ails, who is pastor of the First Methodist Episcopal Church on Temple street, which is down the bill of the Freshman Series on March 18, at 1:30, the day before the annual banquet of the Malecshian Society.

**SEASON'S TRACK PLANS OUTLINED BY KANALY**

Prominent Men Will Address M. E. Society

All Mechanics Are Invited to Annual Banquet Held Tomorrow.

The annual banquet of the Mechan- cal Engineering Society will be held on Wednesday, March 19, at the Boston City Club, Beacon street. On this important occasion the results of the annual elections of officers will be announced, and a picture of the society will be taken.

The speakers will be Professor Hollis of Harvard, Professor Miller of the Institute, Mr. Ralph E. Crowell, Mr. Richard A. Rice. The first speaker will be Professor Hollis, the newly elected vice-president of the American Society of Mechanical Engineers, who will be its official representative as the din- ner. He is also president of the Engi- neering Board of Boston, and Mr. Curtis is the secretary of the same branch. He is the chief designer for the Boston Edison Company. Mr. Rice is a mechanical engineer at the Lyman plant of the General Electric Company. He recently contributed a valuable article on the turbo air compressor to the A. E. M. J. E. Review.

The following are the tentative dates on which all important football games will take place:

- Saturday, March 16, at Springfield. Tech's chances in this game are very bright, there being several lines of last year's team on hand.
- Tuesday, March 19, at Temple street. This game will be a very close one.
- Friday, March 22, at the Cage.
- Saturday, March 23, at the stadium.

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**THAT BRINY DIP**

Popular Song Product of Two Show Men, Vose and Denison.

"That Briny Dip," the popular rag time song which is making such a hit in the Keith circuit of vaudeville theatres, is the product of two Tech men, H. E. Vose, '12, and Orville B. Denison, '17.

Vose is now assistant in the Civil Engineering Department of the Institute. He has just presented "That Briny Dip," being the creation of the last three, including this year's show, "Challes in Spain," the musical director of which is W. C. McGowan, C. H. C. McMinn, C. F. C. Demarest, C. H. The Billys must be ordered at the Cage, and if not handed in at least two days before the performance, they will be collected at the banquet.

The words of "That Briny Dip" were written by Charles W. Denison, who has also written the music of most of the popular songs that Tech Show has had. The music of "That Briny Dip" was written by him.

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ART EXHIBITS HELD IN PIERCE BUILDING

Problem Work of Students Display Drawings of Excellence

A feature of the Institute which seems to have almost entirely escaped the notice of the students is the Architectural exhibition in the quarters of the Department of Architecture in Pierce Building. The exhibition is on the fourth floor.

In this room is displayed the work of the Course IV men in design on the completion of the assigned problems in that line. Occasionally there is also exhibited the work of the class in pen and pencil, a class conducted by the noted Mr. D. A. Greggs. The fundamental purpose of these exhibits is for the criticism of Professor Desgradelle Roloth, professor of design, attended by the students of architecture. The current exhibition is proving of great interest.

NAUGHT BUT KNOTS.


Owing to the pressure of work, the review work of the class in Knots has been delayed. Major Cole announces that this work will be resumed today. Since the beginning of this line, the previously arranged monthly meetings will be abandoned in favor of the work, meetings, to be held as long as may be desirable. The sections will meet as follows: Monday, 4 to 5 P. M.; Tuesday, 10:15 to 11 A. M.; Tuesday, 11 to 12:15 A. M.; Friday, 11 to 12:15 A. M., and Friday, 2 to 5 P. M. The old members may attend any of the sections as convenient, and new men may take the course if desired.

SEASON'S TRACK PLANS

(Continued to Page 3.)

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HARE AND HOUND CLUB SUFFERS AT NEEDHAM

Condition of Country and the Length of Course Makes the Run Hard.

Twenty-six men followed the hares for seven or eight miles over a hard course at Needham Saturday. The recent rain softened the ground so that the runners were continually striking spots of mud seven or eight inches deep. The course was an exceptionally winding one, but fortunately did not include many hills. The bags were found by Lee, '14, and Matthews, '15, at a spot some distance from the Gym.

Coach Runaly here lined up the men and sent them off on the final sprint to the Gym, a distance of about half mile. In this sprint Hill and Gurney both showed up surprisingly well, Hill taking the lead and keeping it with an exceptional pace. He was followed by Nye and Gurney, but the latter was forced to slow down at the end of the race with a pain in his side. This run was one of the hardest that the Hare and Hounds Club has yet endured.


STEAM AND CONCRETE.

Experiments Show an Increase of Strength With Pressure.

The effect of high pressure steam on the crushing strengths of Portland cement mortar and concrete has been investigated by the United States Geological Survey. The various tests were carried out in the testing laboratories in Missouri under the direction of Mr. Richard Humphrey.

Two series of investigation were used: (1) To determine the effect of different steam pressures on the hardening of Portland cement mortar. (2) To determine the effect of duration of steam pressure on the hardening of Portland cement mortar. Tests were made by enclosing several test pieces of accurate dimensions molded in different steel tanks. Pressures were applied for twenty-four hours in each case. The second test was to subject pieces of mortar cement of supposedly constant qualities to a pressure of 60 pounds to the square inch for twenty to thirty hours.

The results were most astounding. It was found that with every pressure, from low to high, the crushing strength was increased and that the increase in strength was considerably higher for higher pressures and temperatures. The actual gain in the case of steam at 50 pounds over the untreated mortar was 632 per cent. With the constant pressure of 89 pounds for a day the increase was 406 per cent, but with the same pressure for only three hours there was a negligible effect produced. In the hardening of the mortar cement.

A smoker, which promises to be successful in every way, will be held shortly in Philadelphia by the University of Pennsylvania Committee, who wish in this way to boost basketball in the college. It is the first rally of its kind ever given.

Some classes to the Sophomore basketball schedule.

Question: Will Wilkins beat Wilson to the field?

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