In the first inter-class dual meet at the Field Saturday afternoon the sophomores and seniors succeeded in completing the freshmen and juniors.

Although very few men reported, all the events were interesting and closely contested. The first events were the trials for the 100-yard dash. Those men not on the field and the race was not won until E. C. Trull 1913, broke the tape. The man from Tech was a fair leader, for four men ran, M. A. Oettinger 1912, winning.

The final was very interesting, C. E. Trull took the lead at one yard, was pulled hard by the other men and finished first, just a few feet ahead of the Tech stars.

The mile run followed with four, men the race. The men kept well together until the last quarter mile, when R. M. Ferery 1912, finished with a good sprint and won by twenty-five yards. Two men only went over the high hurdles, for the Tech sprinter, it was an easy victory.

In the 110-yard hurdles W. Rhyland 1913, set a terrific pace at the start, but before the clock struck 80 he was passed. He was beaten by H. Lockiet 1910, and W. R. Davis 1911, Lockiet, however, dropped out and Davis won first place.

In the quarter mile, J. P. Maxfield 1910, started out to take the lead, he retained this position and finished first, just ahead of M. A. Oettinger, who tried hard to catch him in the last fifty yards.

In the low hurdles, Captain Bayliss 1910, took the lead at the beginning and won by fifteen yards.

In the 100-yard dash, perhaps the brat race of the day. Although only four ran, it was a great race, and until the last fifty yards no one had the race. At this point Capt. B. S. Blumberg 1913, took the lead and was an easy victor.

In the 220-yard dash, the men kept well bunched and ran together all the way. B. G. Bueler 1912, won.

The field events were fairly closely contested, although few of the events were filled. J. J. Bray 1910, reported his good speed and filled tenth points. H. S. Gott 1910, was the all round star of the meet, winning first two, firsts, second one and a third one for the Techmen.

The final score of the meet was 1901 and 1890; 100 points; 1910 and 1911.

The summary of the score is as follows:

One hundred yard dash, (1st place) Henry Alahan 1913, J. P. Maxfield 1910, second, Time 11.1

Twenty yard dash


After careful experimentation, Prof. G. L. Wilson and Dr. H. T. Kalman of the physics department have perfected a gauge by which a very accurate determination of the depth of diamond drill holes may be obtained. They were called upon to devise some means by which they could make a series of 2000 holes in the solid granite formation. These holes can be used to measure the depth of the grainstone and the hydrostatic pressure produced at the bottom may be measured from times, the pressure times, the depth and the diameter.

Some of the difficulties involved in the construction of the gauge were:

First-the small diameter of the hole required, second, the need for an accurate means of measuring pressure, third, the accuracy of reading the pressure, fourth, the accuracy of reading the depth of the gauge, fifth, the accuracy of the gauge, sixth, the accuracy of the measurement of the pressure, seventh, the accuracy of the measurement of the depth.

The pressure gauge proper is a very thin hollow rectangular tube about one thirty-sixth of an inch thick, four and a half inches wide, and sixteen inches long. This tube is made from a piece of tubing of uniform bore is sealed to the end and a piece of glass tubing of uniform bore is sealed at the other end. The inner end of the tube is filled with water and the hydrostatic pressure produced at the bottom may be measured from the pressure times the depth and the diameter.

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The American Society of Mechanical Engineers accepts one of the founds of the four national professional societies, the others being the societies of Mining, Civil and Electrical Engineers. The society was founded in New York in 1889 and has a membership of 3200 in the United States, and 140 in foreign countries. The members are divided into three grades: members, associate members, and junior members.

The society is held regularly in New York, the recently organized Boston branch will probably hold frequent meetings, and being a society for this week, which members of M. E. Society may be allowed to attend.

The membership in the local society is about 325, but will expand as the society is organized.

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