

THE TECH

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PRICE THREE CENTS

CROSS COUNTRY TO START WORK SOON.

INTER-COURSE PLANNED.

Easy Runs will be Taken from the Gym and Hare and Hounds Runs will be Resumed.

Cross country work for the coming season will be soon taken up again in real earnest. Light training for the distance and cross country men will begin at the gymnasium Tuesday afternoon at 5 o'clock, and from then on easy work will be done.

The plan is to develop as much as possible any latent running ability that there may be at Tech, and to this end, and to encourage as many as possible who are beginners at distance work to come out, the work at first will be very easy. Therefore, every man, however slow, will be welcomed and expected at



PETER D. WHITE.

the runs, which will be held every Saturday afternoon at 3, and Tuesdays and Thursdays at 5. This will obviate the possibility of interference with school work.

As soon as the ground is in decent shape the weekly hare and hounds runs which have proved of such great value will be resumed. The plan tried last year of dividing the men into a slow bunch and a fast bunch will be taken up again. This will be used both in the hare and hounds runs and in the runs from the gym.

To give the men more experience in actual racing Coach Kanaly intends to hold a cross country race between the different courses at the Institute. This is an entirely new step, and should arouse great interest. Last year a Freshman-Sophomore race was held, but no regular intercourse meet has ever taken place. The date of the run has not yet been decided upon.

Udale, who won the two-mile last year at the New England intercollegiate meet, breaking the record, was exclusively a development of the Technology cross-country system. This is an ample demonstration of the fact that there is a great chance for any one that is willing to come out and do hard and consistent work. It is hoped that by arousing sufficient interest in the work it will be possible to bring Tech again to her former position in intercollegiate cross country running.

The date of the annual Freshman-Sophomore run has been fixed as April 25. This is the same date as the Penn Relay Carnival in Philadelphia, in which Tech may enter a team.

DARTMOUTH WEARS OUT TECH'S FIVE.

BASKET BALL HONORS GO TO GREEN, 22 TO 11.

Freshmen Defeat 1910 in a Rough Game, 19 to 14.

Dartmouth came off with the honors Friday night in the basket ball in the Gym with Technology, 22 to 11.

In the early stages it looked like an even thing, but soon Dartmouth scored several goals from the field. Technology had chance after chance, but Cahill missed four tries straight on fouls. After that Capt. Wentworth threw these goals and did excellent work. The first period closed with Dartmouth ahead, 10 to 4.

In the second half Tech showed the effects of the hard fight and the game lost a good deal of its speed. Penalizing became less frequent.

The Tech Sophomores and Freshmen had a rough-and-tumble contest that resulted in a 19 to 14 victory for '11.

Dartmouth.	Technology.
Brady, l.f.	r.g., Nichols
Morrissey, r.f.	l.g., Parker
Lang (capt.), c.	c., Wentworth (capt.)
Dingle, l.f.	r.f., Hargraves
Schildmiller, r.g.	l.f., Cahill

Score—Dartmouth 22, Tech 11. Goals from floor—Cahill, Wentworth, Nichols, Parker, Morrissey 5, Brady, Dingle 3. Goals an free tries—Wentworth 3, Brady 4. Free tries missed—Cahill 4, Wentworth, Brady 2. Referee—Vette. Umpire—Whitmore. Timers—Dillon and McGrail. Time—20-minute halves. Attendance—200.

WEIGHT WORK BEGINS TODAY.

Field in Front of Lowell to be Scene of Operations.

Regular work for the weight squad of the track team will begin today in the field in front of the Lowell building on Clarendon street. The time set is 4 o'clock. All men who are able to come out for this work should be on hand without fail.

Coach Kanaly will meet the men there and if necessary will arrange some other time for those who would find it inconvenient to come at 4 o'clock. It is highly important, therefore, that all the members of the weight squad show up at the first practice today.

A new discus has been purchased, and the other weights have been brought in from the Field. They will probably be kept somewhere in the Lowell building.

TWO FENCING MEETS CANCELLED.

Harvard and Princeton Meets Off, Latter Without Reason.

Two meets that appeared on the schedule of the fencing team have just been cancelled, notification to that effect being recently received by Manager Moses. Harvard has indicated her inability to meet Tech on account of the loss to her team of two men. An effort will be made, however, by Manager Moses to arrange for some kind of a meet between the two institutions.

Princeton has also cancelled the contest she was scheduled to have with Tech, giving no reason for such action. This leaves but one meet on the schedule of the team, if the intercollegiate contest is excepted. The meet that does remain is a triangular one between Yale, Harvard and Technology.

NEW YORK MAN WILL SPEAK.

T. H. Wiggin 1895, of the New York Water Board, will address the Civil Engineering Society, Wednesday evening, at the Union, on "New York's New Water Supply." The talk will be illustrated by lantern slides.

The dinner will be held at 6.30 P.M., but men other than members of the Society are invited to be present at 8 o'clock to hear the lecture.

HARD TIMES HIT MINING GRADS.

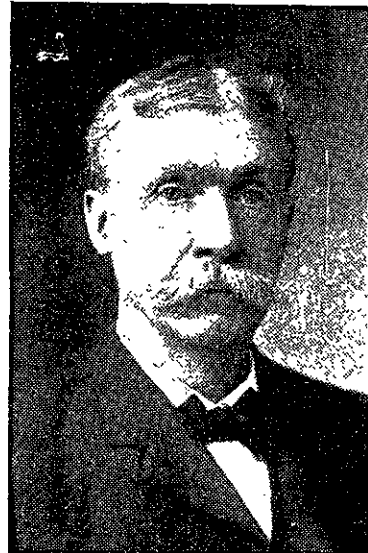
A FEW OUT OF WORK.

Many Welcome Vacation. New Apparatus. Register of Mining Students.

That the recent panic and tightness of the money market has affected the mining industries, this being felt by the graduates from this department, is the report from the Institute mining department.

A few graduates have written to Prof. Richards, head of the department, asking for places, while quite a number are taking advantage of the hard times to get a vacation which they have not had in recent rush times.

Among the former students of the mining course who have called at the Institute recently are R. H. Sweetser, who is changing from Sault Ste. Marie to Columbus, Ohio; Mr. W. A. She'don,



PROF. RICHARDS.

whose establishment has shut down; Mr. R. B. Williams, who has just returned from a three years' service in Ecuador; Mr. A. F. Bennett, who is on a vacation from Mexico; Mr. T. F. Geraghty, on a vacation from Chicago; Mr. A. W. Tucker, in Boston on company business; and Messrs. Moses Brown, A. H. B. Arnold and F. F. Colcord, on vacations.

There have been recently added to the apparatus in the mining department two new pulsator classifiers, and one new pulsator jig. They are the property of Prof. Richards, but are placed at the disposal of the students.

Also there has been installed a Wiley table top with certain improvements, and a new Hansell jig and two new compressors have been added to the plant. There is in contemplation a Johnston vanner.

In the direction of furnace work and metallography, in the blast furnace and reverberatory work, measurements of temperature and analyses of gases have been introduced for the making of complete computation of heat developed and the distribution of heat, and a new Friedrich gas reverberatory furnace, a new Heraeus electric resistance tube furnace, and a new Siemens millivoltmeter have been added.

The fourth-year laboratory list in the department contains twenty-four students, third-year mining list contains twenty-nine, the second-year class in elementary mining contains fifty-two. While the fourth year is a little smaller than it has been for the last two or three years, the classes will average up fully to the numbers in it last year.

ENGAGEMENTS.

Mrs. H. C. Taggart of Boston announces the engagement of her daughter, Bertha Davette, to Prof. H. Lewis Jackson 1895, now at the University of Kansas.

NUMBER OF STUDENTS INCREASED TO 1410.

OF THIRTEEN COEDS ELEVEN TAKE COURSE IV.

Eighty Students Represent Thirty-One Foreign Countries.

An increased enrollment, an increased diversity of countries from which the students come, together with other interesting changes and information is given in the Registrar's report, just issued. It is with the President's report, which was given out earlier in the year.

In regard to the instructing staff, including those at the mechanical laboratories, but excluding the research associates and assistants, and those who are announced annually as lecturers only, the number is 210. Counting all there are 253, an increase over last year from 241. Not taking into account the research associates and assistants and lecturers the number of members of the instructing staff to that of students in regular attendance bears the proportion of 1 to 6.7. This is a decrease from last year from 1 to 6.9, due to an increase in the staff.

The number of students has risen, this year, from 1397 to 1410. The gain is in the fourth-year and second-year classes. In the third-year and first-year there is a loss in the number of students. The number of regular students is larger than last year, the special students constituting only 36 per cent. of the whole body as compared with 41 per cent. last year, and 42 per cent. the year before.

There are at present 20 resident fellows and advanced students, 326 fourth-year, 366 third-year, 371 second-year, and 327 first-year students. The number of new students is 527, a slight decrease from last year's number, which was 535.

(Continued on page 3.)

BACK BAY SMOKE CAUSES FOGS.

Prof. Winslow Says Conditions Are Abominable.

That the presence of fine particles of unconsumed carbon arising from chimneys and smokestacks of Boston are responsible largely for the fogs and are an important factor in shutting out the sunlight was the statement made by Prof. C. E. A. Winslow before the Massachusetts legislative committee on metropolitan affairs.

Prof. Winslow said the conditions in the Back Bay are abominable, and that a serious aesthetic damage is done to the community.

The hearing was on the petition of Representatives Nichols and Ferber to provide for the abolition of the smoke nuisance, the bill being the same as that of last year, which was killed in the Senate.

PROF. DOTEN MAKING EXPERIMENT.

Is Head of Research Department in School for Social Workers.

The department of economics has been called upon to co-operate this year in the establishment of a new and promising experiment in sociology. Professor Carroll W. Doten, in addition to his regular duties at the Institute, is acting as head of the research department recently established in the School for Social Workers in this city.

Under his supervision three subjects are being studied: co-operation in its various forms, seasonal and irregular employments, and inebriety. This last subject is being approached from two points of view, or, rather, is the point of departure for two separate lines of investigation: the study of individual cases and the methods of treatment in hospitals, penal institutions, and under the probation system; and a careful inquiry into the effects of license and no-license in several Massachusetts cities under the local option law.