

## FIRE BREAKS OUT IN NICHOLS DORM

### FLYING CLUB TO TEACH AVIATION TO ITS MEMBERS

Four Licensed Pilots to Give  
Free Instruction to  
New Students

### TO USE FLIGHT TICKETS

Delay of New Material Causes  
Halt on Overhauling of  
Club Airplane

Due to the fact that the new set of wires for the Flying Club plane has not yet arrived from New York, work on the ship has been halted for the last few days. However the repairing and overhauling has been continuing and is now almost completed. As soon as the wires arrive they will be installed and the plane will be ready for use by the members of the Flying Club.

At the meeting held last Wednesday afternoon the final arrangements for incorporating the club were completed and the members of the Club are now united as a unit. By means of this arrangement the Club will be able to work a great deal better since it has become incorporated.

### New Flight System

An entirely new system of flight arrangements has been devised by the club and will be put into operation as soon as the plane is ready for use. The rental of the Club plane by the student members of the organization will be \$15 and hour. This is a savings of 50% to the members of the club as it would cost \$30 an hour if they were to hire a commercial plane.

Under the new system a book of flight tickets will be sold to all those students who are to fly within the (Continued on Page Four)

### NOVEMBER ISSUE OF T.E.N. ANNOUNCED

Many Articles of Scientific  
Interest are Featured

November's "Tech Engineering News" the second issue of the year will be on sale this Wednesday. The October issue sold out before all the subscribers had been supplied, but it is expected that there will be enough issues to go around this time.

This issue contains a wealth of material which should prove very interesting to Technology students. A pictorial section is devoted to the improvements of marine engines in recent years. A comprehensive description of the Holland vehicular tunnel is the main feature of the issue.

A treatise on "Scandinavian Hydraulic Projects," by John B. Drisko '27, son of Professor Drisko, and an article on "Emission Cathodes" by Mrs. Mary J. Andrews '06, a former Technology co-ed, are the principal stories.

### T.C.A. SECRETARY GOES ON VACATION

Mr. Pennel N. Aborn, in charge of the Employment Department of the T. C. A., left on his vacation on November 14. His first stop will be at Pittsburg where he will spend a few days. After visiting Pittsburg, he will visit St. Louis, Chicago, Grand Rapids, and Rochester, and return on December 3. While in Grand Rapids he expects to see Fabian R. Tandler '29.

### APOLOGIES

THE TECH wishes to extend its most sincere apologies to the Walker Memorial Dining service for the article which appeared in the issue of November 16. This story was entirely unauthentic and we regret that it appeared in print.

### Much-Cursed Sign Has at Last Disappeared

That hideous atrocity, known to students as the "Beggars' and peddler's" sign, which has for some time marred the beauty of the charming landscape near the drive at the corner of Building 2 has at last disappeared. Many have urged that this unsightly blemish be removed from the grounds but no action was taken by the authorities. However, the sign has now been removed, by whom no one knows. But one thing is certain, and that is that whoever perpetrated this deed should receive the undying gratitude of every person in any way associated with the Institute.

### N. H. DANIELS '96 TO SPEAK FRIDAY

A. I. E. E. Will Hear Talk from  
Stone and Webster Man on  
Electrical Work

Meeting for the third time this season on Friday, November 23, the M. I. T. Branch of the American Institute of Electrical Engineers will (Continued on Page four)

### M.I.T. HARRIERS TO COMPETE TODAY AT FRANKLIN PARK

Technology Has Good Chance of  
Winning Both Varsity and  
Freshman Races

### MAINE HAS STRONG TEAM

Thorsen and Worthen Will Place  
Among the First—Have  
Fine Records

On the eve of the annual New England Intercollegiate championship meet the M. I. T. harriers are fully prepared to enter one of the greatest contests of their careers. This afternoon at Franklin Park the Varsity teams from twelve leading colleges of New England, and freshman teams from five, will run for the title of this section. M. I. T. has always finished near the top in these meets, and this year should be no exception. The New Englanders are famous for the close race for leading places that always occurs and for the killing pace that is set throughout the race.

There has been a keen competition among the members of the (Continued on Page Three)

### Timely Discovery of Room Blaze Prevents Disastrous Results

### ANNUAL SENIOR RING COMMITTEE CHOSEN

Appointments for the Senior Ring Committee, as announced by C. Brigham Allen '29, president of the Senior Class are as follows: John B. Osborne '29, chairman; Lewis R. Aldrich, Jr. '29; Albert L. Eichenbrot '29; and Oswald V. Karas '29.

### SENIOR DANCE IS HELD AT ROGERS

250 Couples Attend Affair—  
Room is Decorated in  
Gold and Purple

Nearly 300 couples attended the annual Senior Dance which was held in the Exhibition Room at Roger's from 9 until 2 o'clock on Friday night. The decorations were in purple and gold somewhat resembling the back stage of a theatre. Refreshments were served in the (Continued on Page Four)

### CAMBRIDGE FIRE DEPARTMENT USES BUCKET OF WATER

Dorm Men Break Down Door to  
Allow Firemen to Put  
Out Small Blaze

### STUDENTS CHEER FIREMEN

"Fire! Fire!" was the cry that resounded through the halls of Nichols Dormitory, spreading consternation and intense excitement throughout the entire building. Scarcely a minute had passed by before the alarm was spread and a call for the Cambridge Fire Department had been issued.

Huge billows of smoke and flames poured out of the window of Room 202 and immediately a rush for that room took place. Within a few seconds the locked door had been burst off its hinges by the frenzied students and work on putting out the conflagration was started.

A fierce clanging of bells, whistling of sirens and shouts of excited firemen heralded the approach of the Cambridge Fire Department. Showing the results of their long training and skillful leadership the men quickly connected the fire hoses and dashed towards the burning building. With scarcely a thought for their own safety the doughty firemen catapulted themselves into the room and surveyed the scene of carnage.

By means of a waste-basket full of water and the use of drinking glass- (Continued on Page four)

## THE TECH IN FINAL GRIDIRON PRACTICE SHOWS GREAT POWER

### BACKFIELD AND LINE CONSIDERED BEST IN COUNTRY

Team Scouted by Coaches of  
Several Prominent Colleges  
and Universities

### SECOND TEAM BEATS N.Y.U.

Hordes of insurance salesmen climbing the stairs of Walker Memorial to the "Technique" office on the third



Charley Aids THE TECH

floor herald the approach of the TECH—S'nique football epic to be staged on Tech Field next Wednesday afternoon. Reports have been given out that the lowly chroniclers of all that is untrue and unjust have taken out life insurance to the amount of one hundred and seventy-five dollars within the last few days, said amount having been determined upon as sufficient to provide them with a funeral procession and one common grave to receive them all after the battle has ended. Several of the team's so-called stars wished to name their own particular beneficiaries but it was decided by a majority vote of the s'nickers that their chances of a decent burial would be better if the policy named "Technique" as beneficiary. It was further rumored that the annual premium was placed at 106%, so poorly did the weaklings show up when examined by the insurance company's physician.

The Tech Shows Power in Practice  
Last Saturday afternoon fifteen first-string stalwarts of THE TECH scrimmaged and ran through signals on Tech Field while the second team was battling New York University to a scoreless tie in New York. The first-string outfit performed smoothly in practice and were observed by several college scouts and not a few well-known coaches. Immediately following the workout, all fifteen were given a choice of scholarships at no less than seven prominent universities, while a couple of the boys were offered chairs in mathematics with a full professorship accompanying, on condition that they play football for a certain university for two years. All offers were tabled for consideration, and will be taken up at the banquet Wednesday night, when THE TECH's warriors feast at the expense of the conquered S'nique.

John J. Scheuren '30, well-known football mentor, who coached the victorious freshman team this fall, has been directing the practice sessions of the newsies, and declares that never has he seen a more powerful outfit since the days of Jim Thorpe and his Carlisle Indians. Tackling viciously, and blocking like demons, the line seems competent to clear the

way for speedy backfield, and there is a host of excellent substitutes to insure a fresh team on the field all of the time. Scheuren has instructed his men in all the arts of disposing of "ringers" when they are injected into the game, as it is practically certain that S'nique has contracted for the services of several former All-American gridgers now playing professional football.

### Mistake Basketball for Football

As soon as the newsies had left, half a dozen S'nickers slunk out on the field, and in the gathering dusk performed strange antics. According to Jim Alexander, Tech Field custodian, one of the scurrilous villains had wheeled a football from him in order (Continued on Page four)



Clumsy 'Snickes Amaze Jim

### CHEMICAL SOCIETY WILL HOLD SMOKER

Hermann C. Lythgoe '96 to Tell  
of "Food and Drug Control"

Hermann C. Lythgoe '96, Director of the Division of Food and Drugs of the Department of Public Health of Massachusetts, will address the Chemical Society Smoker in North Hall, tomorrow at 8 o'clock. "Food and Drug Control in Massachusetts" will be the topic of his address.

Three copies of "The Handwriting on the Wall" by Arthur D. Little '85 will be raffled at the meeting. Mr. Lythgoe will also distribute some publications of his Division. Refreshments of cider and doughnuts will conclude the meeting.

### Dorm Plotter Gains Revenge on Brother

"Revenge is sweet," saith the poet and there are many who agree with him. Among these is a certain inhabitant of Section D whose older brother during a fraternal fracas last week dampened his bed with a misdirected bagful of water. Wednesday, the younger brother, getting into the room of the older during the latter's absence, concealed a quantity of fine wire in the bed and connected it to the business end of a spark coil. Wires were run from the spark coil through a source of current to a switch in the hall of '93. About 1:30 o'clock Thursday morning the watchful plotter closed the switch whereupon the older brother was very abruptly aroused from his slumbers and precipitated on the floor. It is presumed that he spent the remainder of the night in the very unfraternal procedure of consigning the perpetrator of the deed to everlasting torment in a torrid climate.

A Record of Continuous News Service for 47 years.



Official News Organ of the Undergraduates of M. I. T.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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INDOOR SPORTS

REALLY a distinct fraternal innovation is this new project proposed by the M.I.T. Interfraternity Conference, following closely after the example set some time ago by their worthy contemporaries, the dormitory boys. If all plans are carried through to the letter, within a very few months, or even weeks, an absorbing Bridge Tournament will be in full swing among the various chapters off the Institute campus.

Nice enough for the long winter days, we admit, especially among the Auction sharks that the present fraternity system cannot help developing; who knows?—we may have a little Lenz among our number just waiting for such an opportunity to spring from the confines of his chapter walls into immediate campus fame. There is even a very slight possibility of future instigation of another varsity sport! We await the finals with interest.

But in the meantime: Intramural sports, as well as interfraternity sports, are waxing decidedly feeble. Gone are the class crews—at least they are only vaguely visible—the class eights, the class nines; fraternity basketball is still in fair bloom; fraternity baseball is wavering badly. Yet naught but a Bridge Tournament is suggested to replace these relics of athletic enthusiasm; are the brothers softening?

One notable suggestion have we received—touch football. We could not think of proposing the straight scrimmage variety—we who have seen the struggles of the publications to gather together a scant eleven specimens of beef and brains at one time; it's too hard, both on the managers and on the muscles. But in touch football there is all the glamor of the passing and open field work, the physical exertion that cannot fail to clear the lungs after the three or four smokers of the week before, with every bit of the opportunity for practice and perfection that our liberal brothers are given. And what is more, not a broken bone or a contorted physiognomy is apt to result; not a small matter with a dance or so scheduled for the same day. How about it, fratres; are you game, or is Bridge the height of your ambition?

CAN YOU IMAGINE?

IF you can, you have a better chance of being 100% on the job than if you can't. Imagination, that quality commonly regarded with mild scorn by technicians and business men, is rapidly assuming a position of the utmost importance. Of what value is a man who can see no further than his nose—except perhaps in holding it to the grindstone?

The man who is 100% on the job is the man who can foresee rightly the problems of tomorrow, anticipate its questions and forestall its difficulties. And this man is the one who possesses a clear and sensitive imagination, trained to accurate delineation. He has a decided and high advantage over the unimaginative man in dealing with people; his quickness in getting the point of view of others and his consequent sympathy and perception in their problems is bound to be an enormous asset. Imagination has a technical and business future!

PEBBLES TO CINDERS

"DOWN with cinders and board walks! Up with the grass and pavements!" may sound like the cry of the Bolsheviks; but something radical really ought to be done about the barren waste between Technology and the dorms. This isn't a very good time of year to start yelping about grass seed, we admit, with a ninety-mile gale tearing across Harvard bridge every morning, but there's nothing like starting in again early on our Bigger and Better Grounds campaign.

Those unfortunates who attended summer school probably remember only too well the torrid atmosphere prevailing during the merry month of August. And, if the heat didn't completely down these same individuals, they undoubtedly remember also the cooling, soothing effect one received on traversing the sea of cinders from the Institute to Walker, when the sun read high noon and a sunstroke. If one stays discreetly away from this particular portion of the grounds, impressions of Technology are nothing but favorable—the Great Court and the Massachusetts Avenue territory are beautifully done. But when it comes to back yards, this section shows Technology to have just about the best little factory yard in the fair town of Cambridge.

As We See the Movies

Though as a feature film at the Metropolitan this week "The River Pirate" rates among the poorest of average pictures, Singer's Midgets are worth suffering any number of mediocre reels to see. Those who never before have witnessed a performance by these world-famous Lilliputians, have a most pleasant surprise before them. "Miniatures of 1929," a Public production, staged by Boris Petroff, presents these midgets to the American public for the first time in three years, following a remarkably successful season in European capitals. A troupe of half-size versatile performers, they are easily the equal of any vaudeville assemblage we have seen in a long time, and with the added distinction of giving the effect of mechanically perfect marionettes, they are capable of delighting the most difficult to please.

Revue, a pony chorus, beautiful pantomimes and scenic effects, trained animals in miniature, a strong man and a quarter-scale magician, a dance orchestra—all these were presented in their inimitable, minute, dainty way; the trained baby elephants and ponies were cleverly displayed indeed. Really a remarkable troupe are the Singer's Midgets—talented, perfectly proportioned, and as sure a hit as any group now on the vaudeville stage.

Victor McLaglen as the hard-boiled, soft-hearted "River Pirate" on the screen, is forced by his directors to spoil entirely his success as the memorable Captain Flagg in "What Price Glory" by giving a totally laughable portrayal of a case-hardened wharf thief who can't control his affection for young Nick Stuart who tries very hard to go straight. Lois Moran plays the shining light of right-doing, finally leading Nick into the clutches of her detective father, from which the pirate's dying pleas set him free. Instead of showing the usual happy reunion of the lovers, the picture suddenly changes to a Movietone sequence of a childishly insipid old gentleman who explains in his own dear way exactly how the plot ends; we understand this was fortunately omitted after the first day.

Away from the Grind

It must be that the approaching exams are already casting their baleful shadows on the Institute, for certainly the last week end was remarkable for its lack of social functions. Either that is the case, or the brothers are getting rather flat from running the gamut of fall football games, dances and "The Girl in town for the week-end."

Fortunately the Architects and the Seniors came to the rescue to relieve the monotony of our dull existence. Both of these dances were held at Rogers. The Architects' Brawl was on Thursday evening (who said the Course IV men were terribly pressed with work?) and the Seniors celebrated in the same place on the following night.

Two hundred couples attended the Architects Dance, and enjoyed the music of Times' Orchestra. That is, those did who failed to succumb to the popularity of the Commons Room, which was a favorite rendezvous. One should have had an artistic sense to appreciate the decorations. However, even to a staid engineer, they were well done, and without doubt gave a cozy atmosphere to the affair.

There is a story elsewhere in this issue about the Senior Class Dance.

Delta Upsilon Closed Dances are coming into style again, now that the social debts acquired by the many open affairs have been paid off, more contracted and those paid off. The D U's at their chapter house at 526 Beacon Street, plan to hold this Friday their first affair of this kind.

Invitations to 125 alumni and guests have been extended. The Techtonians will play for the dance, which will last from nine to one. Professor and Mrs. Arthur T. Robinson have been invited as chaperones. Carl J. Franz '30, is chairman of the social committee in charge of the dance.

Phi Sigma Kappa The fall initiation banquet of the Phi Sigma Kappa Fraternity took place last Saturday evening in the Colonial Room of the Ritz Carleton. The speakers were Professor Edward F. Miller, head of the Department of Mechanical Engineering, who is a member of the fraternity, and Acting Dean Harold E. Lobdell '17. Professor Miller spoke on Institute life when he was a student at Technology. Act. (Continued on Page four)

Early Death of Frederick K. Copeland '76 Ends Brilliant Industrial Career

President of Sullivan Machinery Company Dies Suddenly from Operation

Technology mourns the death of Frederick Kent Copeland '76, whose untimely death at Claremont, New Hampshire a short time ago removed from the business world one of its most active figures. While on a visit to the Sullivan Machinery Company's Eastern works at Claremont, he was taken acutely ill. It was necessary to operate for appendicitis, and Mr. Copeland did not recover.

Mr. Copeland was born in Lexington, Massachusetts, where he pursued his secondary schooling. A member of the Civil Engineering Course, he graduated from the Massachusetts Institute of Technology with the class of 1876. After graduation, he was able to put his training to good use in mining engineering work in Iowa and Colorado. In 1884 he was instrumental in the organization of the Diamond Prospecting Company, and became its President. This company engaged in contracting with the Diamond core drills made at Claremont, N. H. by the Sullivan Machine Company.

In 1892 the two companies were merged, with Mr. Copeland as President. Under his leadership Sullivan products were developed for a wide range of purposes. Manufactured at plants in Claremont, N. H. and Michigan City, Ind., they now serve multitudinous mining, quarrying, construction and manufacturing industries and a world-wide sales organization has been built up.

Active in Engineering Societies Mr. Copeland maintained active leadership up to the date of his final illness. He was a member of numerous Engineering Societies, including the American Institute of Mining and Metallurgical Engineers, the American Society of Mechanical Engineers, the New York Engineer's Club, and the Banker's Club of New York. Not only was he active in Eastern engineering circles, but also figured prominently in the engineering world in the West, where he was a past president of the Engineer's Club of Chicago, member of the Western Society of Engineers, and of the National Metal Trades Association. In the recent presidential campaign, Mr. Copeland was chairman of the Illinois Engineer's Committee for Herbert Hoover. He had served as a trustee of the Institute, and in earlier years was a trustee of the governing board of the city of Winnetka, Illinois, where he has made his home for the past forty years.

Recognized as Business Leader "The Chicago Tribune" comments editorially on Mr. Copeland's career; "He combined a great capacity for leadership with an unusual power for grasping and analyzing facts; and with keen foresight and sound judgment. His counsel in the industries of which he was a part was often sought, and highly valued. He gave unstintingly of his energies to activities and causes that appealed to him. In business he was a strong individualist, believing that helping other men to help themselves, in an

atmosphere of fair play is the best social and industrial policy. He fostered forward-looking policies in factory conduct and operation and inspired his associates, both old and young, with loyalty and with belief in his ideals.

Found Time for Recreation "A passionate fondness for outdoor things was a dominant note in his entire life. His avocation and his relaxation were gardening, an inheritance from his father, Robert M. Copeland, a distinguished landscape architect. At his home in Winnetka he could be found in much of his leisure time, working with plants, shrubs and flowers. Each year, with a small party of friends, he spent a month on horseback in the Wyoming mountains, enjoying nature intimately in its most beautiful and unspoiled aspects."

Play Directory

- Stage COPLEBY: "Marigold". Entertaining comedy of the Victorian era. HOLLIS: "Much Ado About Nothing". Mrs. Fiske making merry. MAJESTIC: "A Connecticut Yankee". Modernized Mark Twain. PLYMOUTH: "Straight Thru the Door". A play starring William Hodge, by William Hodge. SHUBERT: "The Red Robe". Peppy musical show of Richeleu's time. REPERTORY: "The Tempest". Shakespeare is popular here this week. TREMONT: "Blackbirds". A flock of song hits. Don't miss it. ST. JAMES: "Peter Weston". Powerful drama. WILBUR: "Coquette". This is the last week to see remarkable acting in a remarkable play. OPERA HOUSE: "The Ladder". Interesting product of a millionaire's pet idea.

Screen

- LOEW'S STATE: "Show People". Marion Davies and William Haines in a wow. METROPOLITAN: Singer's Midgets and "The River Pirate". Reviewed in this issue. OLYMPIA and FENWAY: "The Singing Fool". We can't review this in different words forever. MODERN and BEACON: "Marriage by Contract". Vital questions dealt with. You know the type. KEITH MEMORIAL: "Tenth Avenue". This Haver woman in a show of the underworld.

A college for parrots has been set up at Brownsville, Texas to which more than 1,500 birds come from all over the world to be taught how to talk. The phonograph is used in the instruction and special records have been prepared for the purpose. The birds vary in age from five to eight months and the course of training lasts three months. Each week the parrots are given examinations and graded, and the value of each is judged by the flow of words on graduation.

HERRICK PHONES ALWAYS THE 4760-4761 BEST SEATS 4762-4763 KENmore

Advertisement for LANGROCK FINE CLOTHES featuring a man in a suit and various brand names like YALE, HARVARD, BROWN, PETER, DOVER, WILLIAMS, LAWRENCEVILLE. Text includes 'PRESTIGE', 'If you would gain the distinction of being correctly dressed', and 'NEW YORK - 184 BROADWAY'.

# N. E. CROSS COUNTRY MEET TODAY

Varsity Hill and Dalers Who Will Run in Intercollegiate Track Meet



Back Row:—Herbert, Thorsen, Mitchell, Worthen (capt.) Baltzer, Berry, Allbright.  
Front Row:—Blackwood, McNiff, Kallis.

## INTERCOLLEGIATE MEET HELD TODAY AT FRANKLIN PARK

Technology Has Good Chance of Winning the Varsity and Freshman Races

### MAINE HAS STRONG TEAM

Thorsen and Worthen Will Place Among the First—Have Fine Records

(Continued from Page One)

M. I. T. Varsity and freshman squads for a position among the seven men who will be allowed to wear numbers in this meet. Last Wednesday the last two places on the teams were decided in a trial run over the course.

#### Thorsen Star of Team

Leon Thorsen, has been the mainstay of the Varsity team this season, a consistent winner and a hard worker. He has finished first in all the meets, and much is expected of him today. Last year he finished eighth in the New England.

Second place on the Varsity team is held by Captain Worthen, who finished fifteenth last year, and can be depended upon to run a good race and finish near the top of the list. Dick Baltzer, captain of the freshman team of last year, in another man on whom the coach bases a great deal of hope. He finished eighth in the freshman race last year. McNiff, DeFazio, Berry, Herbert, and Allbright make up the remainder of the team that should bring honor to the Institute.

#### Maine Has a Good Team

University of Maine, winners of last year, have a team that is to be a serious obstacle. The trio of Richardson, Lindsay, and McNaughton, who finished first, second, and third last year, are still with the team. They have won from New Hampshire this year, who will be our other strong rivals.

New Hampshire won from M. I. T. over the same course. They have three stars in Howard, Benedict, and Hazen, members of last year's freshman team. Little trouble is expected from the remainder of the list of entered teams, which consists of Amherst, Bates, Boston University, Holy Cross, Northeastern, Massachusetts Agricultural College, Tufts, Wesleyan, and Williams.

Little Known About Freshman Technology's freshman team is good this year and should do well. Little is known about their opponents, however. The stars with whom they will have to contend are Gunning of Maine, Cote of New Hampshire, and Ginter of Holy Cross.

The team is made up of Captain Gilman, Conant, Littlefield, Green, Kelley, Camerlingo, and Jewett. Gilman is a fine runner and should be among the first to finish. A win by these boys is by no means impossible and would be a fine feather in their caps. The teams entered against them are Holy Cross, Maine, New Hampshire, and Bates.

## SOPHOMORES WIN INTERCLASS MEET

Wood '31 Wins the Quarter Mile Run Which is Feature of Day's Events

Saturday afternoon the largest handicap meet of the fall was held on Tech Field. The meet was a success in every way and the results point to a fine season for the Institute track squad. The interclass competition was keen, especially between the two lower classes. In the final scoring the Sophomores won by 80½ to 72. The Juniors took third place with 35½ points, and the Seniors ran a poor fourth with 17 points.

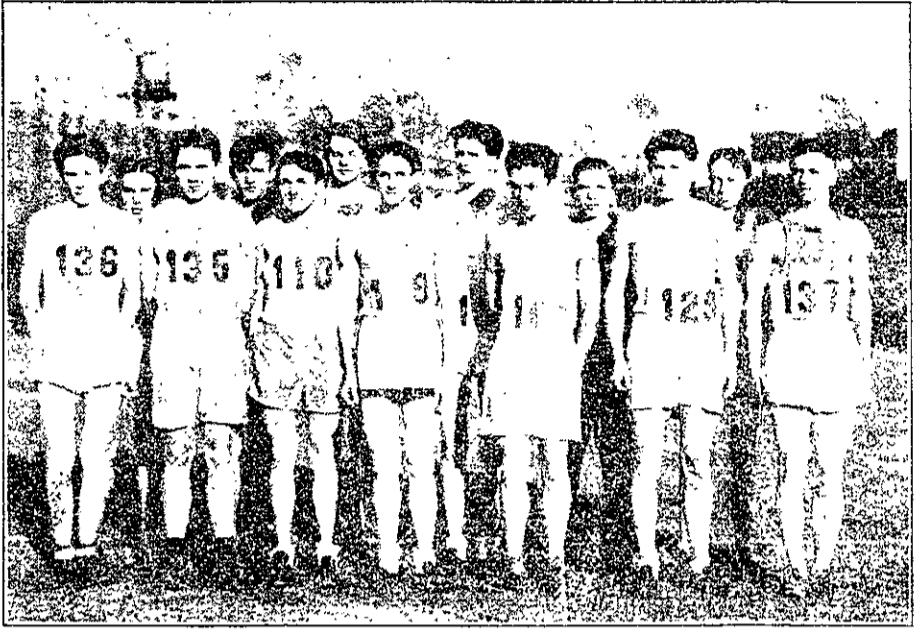
The best race of the day was the quarter mile, which was won by Wood '31. He led Hallahan '29 by a very small margin. The time for this race was 52 seconds. Hallahan, running from scratch, ran a good race in championship time.

#### New Record in the Javelin

In the 220-yard dash the race between Wayne and Lappin was a thriller. In the last ten yards Wayne managed to win out by about six inches. This boy, who is a freshman, won first place in both the 220-yard and the 100-yard dashes.

Leadbetter '31 and Rogers '32 ran a good race in the half mile and Rogers, by his greater strength won out on the last stretch. The time (Continued on Page Four)

Freshman Cross Country Team Which Will Enter the New England's Today



Left to Right:—Fitzgerald, Moran, Mink'ff, Jewett, Gilman (capt.), Conant, Camerlingo, Hollis, Littlefield, Green, Lawscin, Moore, Kelly.

## Kashemsanta Scores Lone Tally as Engineers Lose Soccer Game to Brown 4-1

### Varsity Hockey Schedule

- Dec. 12—Harvard at North Station Arena.
- Jan. 5—New Hampshire Univ. at Durham.
- Feb. 1—Clarkson at Potsdam.
- Feb. 2—Army at West Point.
- Feb. 12—Princeton at Princeton.
- Feb. 13—St. Stephens at Annon-dale, N. Y.
- Feb. 15—Bowdoin at Brunswick.
- Feb. 16—Bates at Lewiston.
- Mar. 2—Brown at Providence.

Playing hard from start to finish, the Engineer soccer team lost to Brown by a score of 4-1 at Providence last Saturday. Throughout the first half the game was neck and neck, neither team seeming to have any advantage over the other. During the second half, Brown began to pull away from the Engineers and managed to get several goals through.

Kashemsanta was the leading player for the Cardinal and Gray scoring the only Engineer goal. About this time he injured his knee, but continued playing. This slowed him up considerably and as a result the Engineer forward line did not work as smoothly as before.

#### Defense Holds Up Well

As usual the Engineer defense worked well, but they lacked the customary support from the forward line, and as a result they were hard pressed throughout the game. Kim was not in his regular place at half back, and as a result the defense was slightly weakened.

Hawkins and Riehl were at their usual positions of full back and gave George Wyman good support. The half backs were Cooper, Fahey, and Danziger. This group worked well and repulsed a large number of the Brown attacks.

#### Forward Line Weak

Due to the continual shifting of men, the forward wall lacked coordination and were unable to keep the ball in the Brown territory for any great length of time. Kashemsanta did the best work, but after he injured his knee he was forced to slacken his pace.

Vibul and Youngson were at their usual positions, while Milligen and Hoffman took charge of the other wing. With a little more practice this group ought to develop a good passing game.

## Varsity Swimming Squad Trains at University Club

Lucy, New England Back Stroke Champion is Back Again This Season

Technology's swimming teams have started practice at the University Club pool, and are rapidly being whipped into shape under the direction of Coach Dean. He has already cut the freshman squad so that he will be able to devote most of his time to the yearlings who show ability.

There are five good men back from last year's varsity including Captain Lucy—intercollegiate New England back stroke champion, and a number of promising men from last year's freshman team. There are also several candidates out who did not come out their first year.

The prospects for the freshman team is also fairly bright this year, with forty yearlings out for the first workout, but the squad was too large for freshman coach Brown to handle so that it was necessary to cut all but the most promising men. As the yearling squad now stands there are about fifteen men on it, with a good prospect for the back strokes, two good breast strokes, and a speedy dash man.

Due to the absence of a pool at the school the squads practice at the University Club from 5 to 7 o'clock Monday, Wednesday and Friday.

## FENCING TEAM HARD AT WORK THIS WEEK

With 12 or more men out for practice the hopes of the fencing team are running high. Captain Harris is back and is expected to be the team's mainstay this year. Although a tentative schedule has not as yet been made up, Manager Ide expects to have several out of town meets including the Navy at Annapolis, and possibly Yale and Pennsylvania.

Although the fencing team last year was a comparatively green outfit they had a very successful season winning 3 out of their 6 meets, beating Yale 3-1 and tying Harvard 2-2.

## Doleman Wins Fall Tennis Tournament by Defeating Wigglesworth in Finals

Fighting a stroking forehand game, with a steadiness that has been characteristic of his playing during the entire tournament, Doleman defeated Wigglesworth in straight sets with the score of 6-4, 8-6, and 9-7. In this last match Doleman was pushed in every set. Wigglesworth started the match with a flashing attack of forehand drives, and succeeded in getting the first two games, Doleman rallied and brought the score to 2 all. Both men won their next two serves, and it was 4 all when Doleman broke through and won the set 6-4.

Doleman started the second set with a steady, and powerful offensive, and he ran the score up to 5-1 before Wigglesworth got under way. Wigglesworth came back with fierce attack, and evened the score. With this rally it looked as if Wigglesworth would win the set, but again that ever present steadiness of his opponent decided the set, and it ended at 8-6.

In the last set, Doleman kept a one game lead over his opponent at all times, and although each man won his serve, neither being able to break through to win the game necessary to end the set. Finally, with the score of 8-7 in his favor, Doleman was able to break through Wigglesworth's serve, and ended the set, and the tournament.

#### Doleman Wins Cup

By winning the annual Fall tennis tournament, Doleman wins a cup, which is an annual award to the victor. Last year Doleman reached the finals of the tournament to be defeated by Kim, who won the Cup last year. This year Kim has been on the soccer team, and although he entered in the tournament, he was far from his former standard of play. For the second time in two years the winner of the tournament has been ineligible to be on the Technology team. Kim was a transfer from Washington University, and Doleman has received a degree from Tufts.

### Varsity Basketball Schedule

- Dec 1—New Bedford at M. I. T.
- Dec 8—Boston University at M. I. T.
- Dec 15—Newport Naval Training Station at M. I. T.
- Dec 19—Manhattan College at M. I. T.
- Jan 9—Brown at Providence
- Jan 12—Harvard at M. I. T.
- Feb 9—Open
- Feb 12—Yale at New Haven
- Feb 16—Providence College at M. I. T.
- Feb 21—University of Maine at M. I. T.
- Feb 22—Mass. Agricultural College at M. I. T.
- Mar 2—New Hampshire University at Durham
- Mar 6—Tufts at M. I. T.

## Basketball Team Starts Training For Opening Game

Captain Brockleman Leads the List of the Veterans Who Are Back

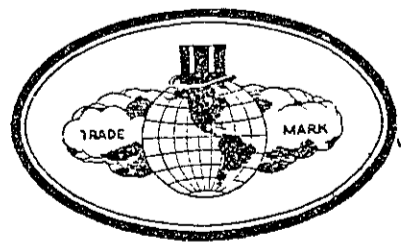
With the first game only two weeks away, the Varsity basketball squad is rapidly getting into shape. Although the men have been practicing for over two weeks, Coach McCarthy has no definite ideas as to who will be in the starting line-up. Prospects for a good team this year are very bright as there are a large number of men on last year's squad back as well as the entire last year's freshman team.

Capt. Brockleman leads the list of the veterans who are back again this year. Allen, Bates, McDowell, Nelson, Spahr, and Lawson are the other men who are back again this year. A number of last year's freshman team are giving some of the regulars a good run for some of the positions, and as a result the scrimmages are lively and interesting.

New Bedford is the first team that the Cardinal and Gray five encounters, and it is likely that good game will be the result. The Engineers are the favorites in the contest which comes on December first in the Hangar gym. Within the next week Coach McCarthy will have a good idea of the men that he is going to use in the opening game.

With all these men back in the line up, a full team of veterans is assured and the prospects of the Technology aggregation for this season seem exceptionally bright. It is hoped that this year's team will perform in a manner superior to those of previous years, and likewise that the attendance at the gym will be better this year.

Under the direction of Professor E. D. Hay, five students in the Department of Mechanical Engineering at the University of Kansas are constructing a glider for tests in the aeronautical field.



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**CALENDAR**

**Monday, November 19**  
 3:00—Electrical Engineering Colloquium, Room 10-275.  
**Tuesday, November 20**  
 3:00—Electrical Engineering Colloquium, Room 10-275.  
 5:00—Boat Club Initiations North Hall, Walker Memorial.  
 6:30—T. E. N. Dinner meeting, Grill Room, Walker Memorial.  
 7:30—Chemical Society Smoker, North Hall, Walker Memorial.  
**Wednesday, November 21**  
 6:00—Alpa Chi Sigma Dinner meeting, Grill Room, Walker Memorial.  
 7:00—Mathematical Seminar, Faculty Dining Room, Walker Memorial.  
 7:00—Catholic Club Supper meeting, North Hall, Walker Memorial.  
**Thursday, November 22**  
 4:45—M. I. T. Christian Science Society meeting, West Lounge, Walker Memorial.  
 5:00—Institute Committee Meeting, Faculty Dining Room.  
**Friday, November 23**  
 6:00—A. I. E. E. Dinner and Lecture Main Hall and Faculty Dining Room.

**Notices and Announcements**

**TUG-OF-WAR PICTURES**

Pictures of the Field Day tug-of-war teams for Technique will be taken Wednesday in Room 11-004, the Sophomores at 4:30 and the freshmen at 5 o'clock.

**MUSICAL CLUBS**

There will be a meeting of the Executive Committee of the Musical Clubs today at 5 o'clock in the Club Office, Room 303 Walker.

**FLYING CLUB WILL MEET ON WEDNESDAY**

Repairs on Plane Delayed by Lack of Materials

(Continued From Page One)

next year. Each of these tickets represents a certain period of time indicating the amount of time the flyer has spent in the air. If a student flyer is up in the Club plane for ten minutes, a ten minute ticket will be taken from the book recording the fact that he has been on a flight of that period of time.

**Club Pilots To Instruct**

One of the best advantages of the Flying Club is that the new members and prospective aviators may receive free instruction from the licensed student pilots of the club. At present there are two licensed commercial pilots, one licensed transport pilot, and one private licensed pilot in the club and these men will serve as instructors to the new men.

Tomorrow night the Board of Directors of the Flying Club will meet for the purpose of formulating and carrying out the plans, policy and purpose of the club. The members of the Board of Directors are Frederick A. Celler, '29, Robert S. Riley, '29, Dick C. Holihan '31, William D. Johnson, '29, Benjamin S. Kelsey, John R. Markham, '28 and John A. Norton, '31. The next meeting of the Club will be held in Room 418 of the Aeronautical Building on Wednesday afternoon at 5 o'clock.

**Girl's Hot Tip Steers Student to Favorite Pipe Tobacco**

San Francisco, Cal.

Larus & Bro. Co. Richmond, Va.

Gentlemen:

Since I first started to smoke, I have always smoked cigarettes.

One day SHE said to me "Ed, dear, why don't you smoke a pipe. I think those long straight-stemmed pipes are so manly-looking."

So, naturally, I had to buy a long-stemmed pipe and a can of well, we'll call it "Ed's Mixture tobacco." Immediately with a certain feeling of pride in my new pipe, I "lighted up" and proceeded to have my tongue bitten. I tried almost every brand I had ever heard of, but none satisfied me.

Sucker, I had to confess to HER that as a pipe smoker I was a good dietitian.

"Did you try Edgeworth?" she asked. "That is what I did smoke, and he's always smoked a pipe."

So I was forced to try Edgeworth, and all that I can say is that if every fellow that has tried to accustom himself to a pipe started with Edgeworth, there would be very few that would go back to cigarettes.

Yours sincerely,

Ed Maher

**Edgeworth**  
 Extra High Grade  
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**T. C. A. EXPRESSES THANKS**

The T. C. A. wishes to take this opportunity to thank most sincerely all students who by their efforts or money or both made the Drive possible.

**CREW**

Winter practice for the Varsity Squad will be held three times a week, Mondays, Wednesdays, and Fridays at 5:00 P. M. beginning Wednesday, Nov. 14.

**Second Concert of Musical Clubs is Held at Filene's**

Vocal and Xylophone Solos Are Features—Program is Well Received

Considerably above the average was the program of entertainment which marked the second concert of the Combined Musical Clubs last Thursday night at Filene's Department Store. The concert was given for the Filene's Women's Club, following a dinner held by that organization.

Several numbers were presented by the Glee Club, the Instrumental Club, the Banjo Club, and the Technicians and in addition there were a few specialty acts. A xylophone solo by Gardner Harvey '32, and two vocal selections by James G. Bowen '30 were well received by the audience.

Due to the absence of H. Brooks Walker '30 the Instrumental Club program was conducted by Warren H. Martell '30.

The concert was followed by a dance, in which members of the club participated. The next concert of the Clubs will be at the Girl's City Club on December 8. Following that on the fourteenth of next month comes the first big event of the Musical Clubs scheduled the annual Christmas concert at Whitney Hall, in Brookline.

**LENTEN SERVICES TO BE HELD IN BOSTON**

Fourteen students representing Northeastern, Simmons, Emerson, Boston University, and Technology met in the library at Trinity Church on Friday afternoon at 4:30 o'clock to discuss a series of Student Lenten Services.

It was decided to hold meetings on alternate Sundays before Easter, which will be similar to the services held last year. The object of the services is to obtain nationally known men to speak to the students.

William J. Harris '30 was elected as chairman of the committee to make the necessary arrangements for the services. It was decided to have two sub-committees, one on the program and the other on publicity.

**FIRST SENIOR DANCE IS WELL ATTENDED**

(Continued From Page One)

basement during the dance at a cost of 35 cents. The ticket consisted of a card with "one grub" printed on it. The crowd was very orderly and everyone appeared to have an enjoyable time.

Several Junior attempted to crash the dance thereby giving the ushers who were Junior Class officers a good time trying to exclude the offenders. Bursar and Mrs. Horace S. Ford, Colonel and Mrs. Harold E. Cloke, Professor and Mrs. James R. Jack, Assistant Dean Harold E. Dobbell '17, and Mr. Morris A. Parris, Secretary to President Samuel W. Stratton, were the chaperones.

**THE TECH READY TO MEET 'SNIQUE**

Temporary Stands to be Erected To Allow Immense Crowd to See Battle

(Continued from page one)

that the boys might know what a football looked like before the day of the game. "I had to take all the basketballs and lock them up," said Jim, "because they were kicking basketballs around the gym, mistaking them for footballs. I told them that football was an outdoor game and was played on the oval inside the cinder track, whereupon one of the boys jumped up and down with glee, calling upon the others to remember that he had told them they could not play football on a hard-wood floor. All seemed much relieved to hear that they would be slaughtered and left to die in the open, and they begged and begged until I loaned them a football to play with. They waited until the last of THE TECH's stalwarts had left, and then ran out upon the field squeaking to one another in their childish trebles, and gibbering with excitement."

Two of Jim's assistants, Charlie Withers and Bill Croaker, were engaged in rolling the cinders after the afternoon's track meet when the children came out to play. "I thought they were a bunch of Kendall Square urchins at first," said Charlie, "and I was just going to run them off the place when one of them showed me his Bursar's card and demanded permission for himself and playmates to use the field. There was nothing I could do but let them play, under those circumstances, but I have never seen a poorer crowd of football players, and I have gone to every Harvard game the past fifteen years. These boys may think they have a chance, but none of my money goes up on them." Bill was no less positive in his predictions of defeat for the 'Sniques, and remarked that "there would be a lot of new widows in Back Bay, when THE TECH had polished off those poor boys."

Game Starts at 2:30 Wednesday  
 Final arrangements for the staging of the battle have been practically completed. Temporary stands will be erected today and will completely encircle the field, thus increasing the seating capacity to around fifteen thousand. Admission will be free, thanks to the beneficence of THE TECH's business department, and already fifty-thousand dollars in checks and money orders have been returned to fans who applied in advance for reserved seats. It will be a case of first come first served on Wednesday, and the stands will begin to fill up at one o'clock, when the gates will be thrown open. At two-thirty the referee will blow his whistle for the opening kickoff, and between the halves, any unoccupied stretcher-bearers present will engage in a practice drill on the field, demonstrating first-aid to injured gridsters. Following the game, a barbecue and picnic lunch will be served by Technique at the South end of the field, to which all spectators are invited.

**Away from the Grind**

(Continued from Page 2)

ing Dean Lobdell recalled some Institute experiences during the last fifteen years, and told of the attitude of the Institute towards fraternities.

The new initiates are:

- Leland M. Burr, Jr., '32
- Edward H. Mackay, Jr., '31
- Reginald H. Burdick, Jr., '32
- Churchill C. Condie, '32
- George H. Johnson, '32
- Theodore R. Harding, '32
- Peter Parker, '32
- Walter D. Teague, Jr., '32
- Howard A. Kinzer, '32

**Psi Delta**

The Psi Delta house was the scene of an unusual dance last Saturday night. The general effect of the decoration was modernistic, and at the end of the room was a large screen of a woodland scene of cubist motif with a spotlight centered on it. The screen was painted by John B. Russell '28, and won a high mark in the architectural department. Donald L. Dunklee, '30, had charge of the decoration, which carried out a "bubble effect," reminiscent of "Wings."

The music was furnished by Dave Izen's Green Gables Orchestra, and there were about 150 couples present. Professor and Mrs. Charles W. Doten were guests, and many of those present were from out of town. These guests included about twenty or twenty-five members from the various New England chapters of Phi Delta Theta.

**OUTBREAK OF FIRE CAUSES EXCITEMENT**

Student Discovers Blazing Room and Turns in Alarm

(Continued from Page One)

es the flames were soon smothered and another victory chalked up to the Cambridge Fire Department. A burning curtain, probably ignited by a lighted cigarette thrown from above was the sole cause of all this excitement. The only damage which resulted was the burned curtain, the broken door, the blistered wood work and the wetting of the walls, the handiwork of the Fire Department.

While all this excitement was going on the inmates of the room, Joseph M. Stowell '32 and Albert F. Williams 'G were absent. The fire was discovered by John Belding '32 who sent in the alarm to the Fire Department. The first students to break into the room upon the discovery of the fire were Harlan R. Jessup, '24, Henry G. Hartwell, '31 and Arthur D. Bertollet, '31 who utterly ruined the door to the room. While the firemen were putting out the blaze, they were cheered on by 50 or more students who thoroughly appreciated their heroic efforts in the pursuit of duty.

**Schedule First Interfraternity Dance for Dec. 6**

Formal Party Will be Held in the Louis XIV Room of the Hotel Somerset

Keeping up their annual custom of holding a series of dances each year, the Interfraternity Council has announced that the first ball of the school year will be held in the Louis XIV Ballroom of the Hotel Somerset on December 6. Dancing will be held from 9 until 2 o'clock.

Music for the party will be furnished by the Tech Tunesters who although some what changed from last year, are the same men who played at every one of the affairs last year. They are as well known in fraternal circles at Technology as ever, having been engaged for a good many of this fall's parties.

As a departure from tradition, refreshments will be served at the dance, arrangements having been made with the management of the Hotel. These extras together with expenses connected with a considerable effort to avoid the rowdiness that accompanied the last interfraternity dance make it necessary for the Committee in charge of the dance to charge two dollars per couple for the tickets.

Originally the dance was planned for the date of December 7, but through a misunderstanding with the management of the Somerset, the date for that night and as a result, the date for the affair has formally been confirmed as Thursday, December 6.

The Conference also donated fifty dollars to the Varsity Basketball Team, to be used in the purchase of equipment.

**ORMONDROYD WILL LEAD COLLOQUIUM**

Vibration and Noise is Topic of Electrical Course Discussions

"Vibration and Noise Problems" will be the subject of the first of the Colloquia conducted by the Electrical Engineering Department which will be held on Monday and Tuesday afternoons of the 19th and 20th in Room 10-275 from 3:00 to 5:00 o'clock.

These colloquia which will be under the direction of Mr. J. Ormondroyd of the Westinghouse Electric and Manufacturing Company are planned as informal discussion groups for Graduates, Seniors and Juniors who are in the honor group. In order to facilitate discussion on the part of the students some reference books on the subject have been collected and can be obtained from the reserve shelf at Mrs. Maynard's desk in the library.

Athletics in the public schools of Timbuktoo have always been supported by the faculty members of the various schools who claim that the exercise and fresh air secured in such sports are essential to the proper development of the students.

**A. I. E. E. TO HOLD NEXT MEETING NOVEMBER 23**

(Continued From Page One)

hear a discussion of the topic "The Opportunities for Electrical Graduates in the Electrical Industries."

At this time a representative of Stone & Webster, Inc., Mr. N. H. Daniels, 96, will explain the work done in the various departments of a company engaged in the design, construction and operation of electric power projects, both steam and hydroelectric. The talk will be illustrated by moving pictures showing some typical projects in process of construction and operation.

These meetings are of especial interest to the freshmen and the sophomores, giving them first-hand information concerning the conditions and opportunities existing in the different branches of the electrical industry.

Supper will be served at 6 P. M. in the Faculty Room in Walker. The meeting will be over at 8 P. M. In order that the committee may know how many to prepare for, those who are intending to be present at the meeting are asked to obtain tickets for admission in Room 4-205 before November 22 and the M. I. T. Branch will act as host.

**SOPHOMORES WINNERS IN HANDICAP MEET**

Freshmen Take Second Place While Seniors Trail

(Continued from Page Three)

for this race was 2:05 3/5, which was very good for pre-season work.

Dashes Were Very Close

Robertson '32, an Andover graduate, made himself the hero of the meet by breaking the freshman record in the javelin with a throw of 161 feet 1 inch. The old record was 158 feet 3 inches.

The coach was very much pleased with this meet. The fine running and the very good times show that M. I. T. will have a good team to enter in the B. A. A. games this winter.

The summary:

100-yard dash—Won by Wayne; second, Jandris; third, Lappin; fourth, Lynch; fifth, Orleman. Time, 10 3/5 sec.

220-yard dash—Won by Wayne; second, Lappin; third, Jandris; fourth, Orleman; fifth, Ladd. Time, 23 sec.

440-yard run—Won by Wood; second, Hallahan; third, Gonzalez; fourth, Goodhand; fifth, Leaver. Time, 52 sec.

75-yard high hurdles—Won by Caldwell; second, Burgess; third, tie between Whitworth and Lynch. Time, 10 4/5 sec.

220-yard low hurdles—Won by Barrington; second, Lynch; third, Caldwell. Time, 28 sec.

880-yard run—Won by Rogers; second, Leadbetter; third, Vennard; fourth, Locklin; fifth, Landsman. Time, 2 min., 5 3/5 sec.

1 Mile run—Won by Allbright; second, Austin; third, Perkins; fourth, Blackwood; fifth, Moody. Time, 4 min., 52 1/5 sec.

High jump—Won by Lawton; second, Cohen; third, Robertson; fourth, Zigler; fifth, tie between Lundstrom and Gammons. Height 5 feet 10 inches.

Broad jump—Won by Cohen; second, Whitworth; third, Zigler; fourth, Coleman; fifth, Roberts. Distance 20 feet 1 inch.

Hammer—Won by Crout; second, Reidell; third, Demars; fourth, Champlain. Distance, 116 feet 8 inches.

Shot put—Won by Etstein; second, O'Neill; third, Fram; fourth, Cooke; fifth, Leino. Distance 44 feet 3 inches.

Javelin—Won by Whitworth; second, Caldwell; third, Robertson; fourth, Murphy; fifth, La Pointe. Distance 173 feet 4 inches.

Discus—Won by Leinn; second, Cooke; third, O'Neill; fourth, Grandai; fifth, Fram. Distance 116 feet 3 inches.

Pole vault—Won by Danforth; second, tie between Elmer and Colby; third, tie between Hazeltine and Caldwell. Height 10 feet 9 inches.

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## SPORTS NIGHT IS SCHEDULED TO BE HELD DECEMBER 7

### A. A. Executive Council Favors Individual Team Dinners for Men

### BASEBALL LACKS FUNDS

### Vote Award of Numerals to Men of Sophomore Crew and Relay Teams

Several questions were discussed at the meeting of the M. I. T. A. A. Executive Council in Walker last Monday. It was decided that Sports Night will be held on Friday December 7, on which occasion there will be various exhibitions of basketball, boxing, fencing, gym, and wrestling, for the benefit of the undergraduates and Alumni.

Sentiment was expressed in favor of having individual team dinners, instead of having an award dinner for all of the teams at the end of the year, as has been the custom previously. These dinners are held for the men winning their athletic insignia. The dinners will be held for the different teams at the end of that particular team's season.

Favor of abolishing the Beaver and freshman extramural baseball for the year was indicated. This was caused by lack of funds and also by the lack of interest shown by the men.

It was voted that the following members of the Sophomore Field Day Crew be awarded their numerals for their work during the Spring and this Fall:—Herbert E. Raymond, Jr. '31, Edward M. Heffernan '31, Kenneth W. Smith '31 (Captain), John W. Lane '31, Robert B. Freeman '32, Philip F. Frink '31, Robert C. Allyn '31, Leonard Daniel Christie, Jr. '31, Gaspar B. Vizoso, Jr. '31, John B. Newsom '31, Kipling Adams '31 (Manager.)

It was voted that the following members of the Sophomore Field Day Relay Team be awarded their numerals: John H. Genrich '31, Carl W. Orleman '31, Charles Broder '31, Arthur N. Lappin '31, Roger P. Brown '31, James D. Wood '31, Albert F. Coleman '31, Maurice T. Ayers '31, Robert T. Leadbetter '31, Fred J. O'Sullivan '31, Raymond S. Poor '31, Harry Landman '31, Oscar G. Goodhand '31, Nelson B. Haskell '31, James B. Fisk '31 (manager.)

## FLYING CLUB STARTS GROUND SCHOOL SOON

### Rules and Regulations to be Read to Members

Within the next few weeks a ground course in aviation may be started in the Flying Club. The idea is now under consideration and it is proposed that members of the faculty and other authorities on aviation come to the various meetings and by means of lectures give instruction in the rudiments of flying.

At the regular weekly meeting of the Flying Club which will be held in Room 418 of the Aeronautical Laboratory this afternoon at 5 o'clock, the new rules and regulations of flying will be read to the members. Within the next week or two the Club plane will be ready for flying by the students and the instruction of the new members will be started.

## Dorm Rumor Puts Out Conflagration Edition

One of the consequences of the blaze in Nicholas last Sunday was the appearance Monday morning of an extra edition of the Dorm Rumor, News sheet of the Dormitories. The Rumor contained a full and vivid description of the fire. Many interesting sidelights on the great conflagration helped the 'Perspiring Reporter' to fill enough space to justify the edition. All in all, it was considered the best edition of the Rumor so far this year.

## Excitement Awaits Slaughter Of 'Snique In Gridiron Epic

### Massacre to Take Place on Tech Field at Two-thirty This Afternoon

Once every year there comes a day of first importance in the minds of all good students, ranking even higher than Columbus Day, Christmas, the extinct Circus Day, or any other officially granted holiday, and today is THE DAY. This afternoon occurs the premier event of Technology's sporting and social life, namely, the gridiron encounter between THE TECH and "Technique." Excitement is at fever pitch, and the whole Institute is buzzing of the great game.

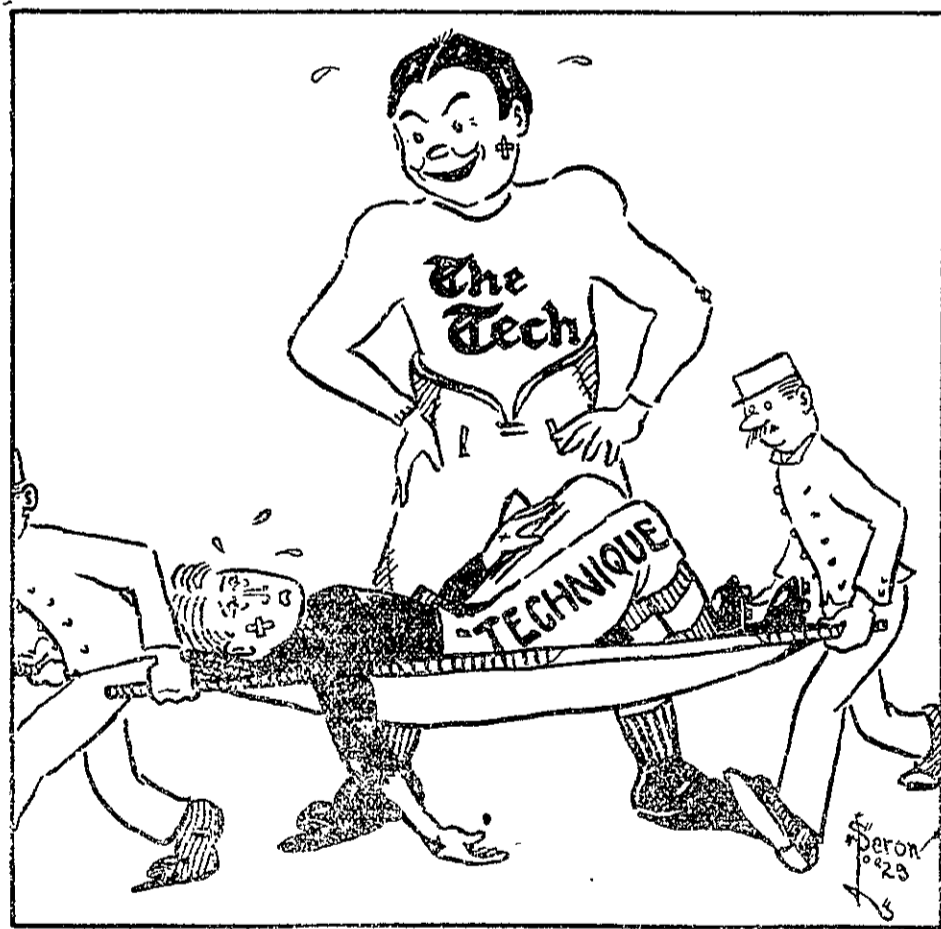
After spending a restful night in the Bridal Suite of the Copley Plaza, THE TECH's twenty-odd gridirers are in perfect condition, and are straining at the leash in their eagerness to set upon their traditional foes. Reports from the "Technique" camp indicate that a night of dissipation has yielded its natural return, and of the fifteen or so mighty warriors who retired to their downy couches last night, only four could walk a straight line or identify the team's signals this morning. Medical assistance has been summoned, and it is possible that the team will be able to walk upon the field by two-thirty this afternoon.

Betting men and professional bookmakers swarmed through the halls of the Institute until a late hour last night, visiting members of the instructing staff in an effort to check

up on the "Technique" lineup as to the eligibility of the players. Odds were given an upward boost when it was learned, that, of the seventeen names submitted, only six were known personally to any member of the Faculty, and it was consequently deduced that the remainder consisted of professional athletes. In the face of such reports, supporters of THE TECH became quite scarce, until the fallacy of the belief was made evident. Under the supervision of the Department of Engineering Administration, "Technique's" books were audited, and it was found that the yearbook was unable to hire more than 2.67½ player-hours, at the prevailing rates. The results were almost immediate; odds fell to even money in a few minutes; afterwards THE TECH's supporters were forced to offer as much as 10 to 1 before friends of the 'snique would wager their cash.

Analysis of the two teams shows the enormous superiority of the newbies' outfit. Roddy and Hamlin, the two fast ends, both hold New England Intercollegiate dash records, and are cool and capable in any emergency. Houston and Harmon, the mammoth tackles, are a bulwark of strength, and have a habit of walking over the opposing line and smearing the backfield before the spectators are aware of what has happened. At the guards are Alkazin and Conable, former Northwest Mounted Policemen, and it takes a tougher backfield than the 'sniquing rounders

(Continued on Page Four)



—HO-HUM!—

## QUADRANGLE CLUB TO START NEW PROGRAM

### First Meeting of Year Held to Formulate Plans

Holding its first meeting of the year, the Quadrangle Club of the Institute met at 530 Beacon Street last night for the purpose of formulating plans for the coming year. The meeting was in charge of Robert B. Freeman '31, president of the Club, who outlined the purpose and plans which will be put into action within the next week or more.

The club is exclusively a lower class group, membership being restricted to men in the freshman and Sophomore classes. Within a short time the freshmen will be elected to the Club by the Sophomore members.

Last year one of the biggest activities of the Quadrangle Club was the putting across of Prep Night, in which seniors of neighboring high and preparatory schools were invited to get an insight of the activities of the Institute.

## True Moral and Religious Beliefs of Students Compiled from Questionnaire

### Students at Ohio State and Pitt Vote on Questions Given by Psychologist

"Would you 'pet' the first time you went out with someone?"  
"Would you vote in favor of Judge Ben Lindsey's proposal of companionate marriage?"  
"Do you favor unrestricted knowledge of birth control?"  
"Would you enter a common-law marriage agreement?"  
"Do you favor prohibition?"  
"Do you accept God as a personality?"

These are only a few of the questions which have been asked students at the University of Pittsburgh and Ohio State University in order to ascertain their true moral and social codes and religious attitudes. The experiment is being conducted by Dr. C. W. Gleason, professor of psychology, in an effort to compile data

## First Man to Finish for M.I.T. Harriers



Leon S. Thorsen '30

## FACULTY CLUB TO HEAR ABOUT INDIA

### Mr. W. H. Danforth Will Speak on His Experiences in That Country

An unusual opportunity is presented to the members of the Faculty today to hear an illustrated talk on native India. A special meeting of the Faculty Club will be held in North Hall at 12 o'clock, to which students are invited after 12:30, in order to hear Mr. William H. Danforth speak on his recent visit to India.

Mr. Danforth, who is President of the Ralston Purina Co. of St. Louis, is a graduate in mechanical engineering from Washington University, and in 1918 was director of the Y. M. C. A. for the Third Division of the A. E. F. Mr. A. Farwell Bemis '93 member of the Massachusetts Institute of Technology Corporation, who knows Mr. Danforth personally, writes that the talk, which will be illustrated by movies, will be highly entertaining.

## MUSICAL CLUBS GIVE CONCERT FOR GIRLS

The Girl's City Club of Boston is the next organization scheduled to be entertained by the Combined Musical Clubs. A concert is to be held on December 8, this making the third appearance of the Clubs this year.

The first concert of the year was held at the Franklin Square House and the second was held last Thursday night at Filene's.

## ENGINEERS PLACE FIFTH IN ANNUAL SIX-MILE GRIND

### Thorsen is First Technology Man to Finish—Eleventh Man to Cross Tape

### N. H. WINS FRESHMAN RACE

### Strength of Bates and Williams Surprises Followers of Cross Country

Running against a field of entries that was much stronger than previous records indicate, the M. I. T. cross country teams made a rather disappointing showing in the New England at Franklin Park last Monday. Maine won the title for the second consecutive time, and was given a close race by the strong New Hampshire team. M. I. T. finished in fifth place in the total number of points scored. In the freshman race our boys were fourth in a field of five entered teams.

Lindsay and Richardson, the Maine stars, ran a beautiful race and finished first and second respectively in almost a dead heat. Benedict and Howard of New Hampshire were the next two men to finish.

### Bates Team Very Strong

Bates proved to be much stronger than anyone had expected, and finished third in the meet. Hobbs of Bates was the sixth man to cross the finish line.

Thorsen who was eleventh in the race was the first man to finish for M. I. T. He ran in eighth place at the three mile mark, but failed to

(Continued on Page Three)

## FOUNDRY STUDENTS TO VISIT IRON WORKS

### Complete Process of Smelting Are to be Inspected

Substituting a foundry trip in place of their regular class, 35 men of Course II in Mr. "Jerry" F. O'Neil's class will inspect the Mystic Iron Works at 1:30 o'clock tomorrow.

They will examine the complete process of making pig iron. Starting with the ore stored in bins near the blast furnaces, they will follow it through the charge of ore, flux, and fuel to the tapping of the furnace, and running off of the slag containing carbon and silicon impurities. Finally they will see it conveyed in fifty ton ladles to the casting machines, from which it is dumped into freight cars.

"The men who are going by auto should drive out to Sullivan Square, pass it, and on the right they will see the blast furnaces. Those on the elevated must go to Everett Station and walk back a few minutes," said Mr. O'Neil. The plant is opposite the Merrimac Chemical Company.

On Friday the class which meets on that day will inspect the same plant.

## A.E.S. TO DISCUSS FRENCH AERONAUTICS

### Meeting Will Hear Illustrated Talk by F. A. Celler

"French Aeronautics" and the "Paris Show" will be the subject of a talk by Frederic A. Celler '29 at the Aeronautical Engineering Society smoker tonight in Room 5-130 at 7:30 o'clock. Mr. Celler is president of the society, a native of Lyons, France, and is thoroughly conversant with his subject. The address will be illustrated with lantern slides.

At this meeting, the officers of the club will explain a new type of associate membership in the society. By this plan students who are unable to afford to hire the plane for the requisite number of hours to apply for a pilot's license will be allowed to spend some time in the air. The officers of the society extend a cordial invitation to attend the meeting to all members of the student body who are interested in the subject to be discussed.

for comparison with the prevalent characterizations of American college youth by novelists and others. The resulting information will also be given to clergymen and social workers so that they may be aided in their work with students.

### Right and Wrong

An act is good or bad according to the amount of happiness or unhappiness it produces, was the contention of 64 per cent of the upperclassmen and 38 of the lower. In answer to the question, "Would you 'pet' the first time you went out with someone?", results indicated that the men looked more favorably upon the idea than the women.

### Companionate Marriage

Students from the city, it was discovered, more frequently favor companionate marriage than students from the country. Twenty-five per cent of the men and 21 per cent of the women voted for companionate

(Continued on Page Four)

A Record of Continuous News Service for 47 years.



Official News Organ of the Undergraduates of M. I. T.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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WISDOM FROM BEAUTY

WE sat in the window high up above, and looked out at the Charles. Brilliant and blue it was, bright under a warm sun, chopped up with flashing waves.

Great men have soliloquized on rivers—their inexorableness, their utter indifference to the petty affairs of this hustling nation through which they flow. But they seem happy, these rivers. On clear days they flow along cheerfully with never a care. Drab they may be on dull days, but why think about that?

Have you ever seen the Charles at night—on one of these perfectly still nights, when the dark water reflects like opaque glass? How can one worry over the problems with which he is faced when such a fairyland of beauty presents itself? Go across onto Memorial Drive near the boathouse and really lose yourself in the marvellous scene. Twinkling lights all around—the scintillating ellipse which in the day time is the Lower Bridge, the double rows along the Esplanade on the opposite side, and the moving spots on Harvard Bridge. Get rid of all your practical viewpoints and technical ideas sometime, and get to appreciate the soothing beauty of your surroundings.

An idea like this is difficult to "get over" to a group of cynical technicians, scoffers at anything which borders in the least on the esthetic, practical to the nth degree. Pascal thought that living was so important everybody must be studying it. But he was surprised to find that more people knew the laws of geometry than knew the laws of life. That's our trouble—we know the perplexing problems of an engineer, and they get to worrying us. We allow them to become our motivating influence—we talk of them, eat with them, dream about them. No wonder we go nearly insane.

This advice may not be in accordance with the professors' views, but here it is: if things get too much for you, perhaps you will find it wise to drop something. But whatever you do, don't get "stale" with your technical understanding. Learn to see beauty, and appreciate it.

Scorn and deride Harvard men we may, but in a group, it is they who are easily able to talk about general matters. Head and shoulders above them when it comes to engineering subjects, are we not perhaps letting that phase dominate? Essential as it may be to our future welfare, we dare not allow this to become our whole life.

Don't let your school worries "get you down". Adjust your load to your capacity, and then take time off now and then to clear your mind. Try taking a look at the river when you are up to your neck in work—it's surprisingly restful, and you will be able to concentrate on studies much better after the respite.



ANNOUNCING THE AMAZONS

Begging Tillie's pardon for being brought up like this only too often, the Lounger wishes to impress upon his reader's substantial minds just how much importance has been attached in the newsroom and allied business office of THE TECH to the very formal acceptance to the football combat that 'snique had made and sent over to Tillie's supposed hang-out.

"To the Mesdames and to their Debutante Daughters" ran that remarkable acceptance. "A Necking Party in the Athletic Gardens of Technology." Well, the Lounger has been trying some of this Lady Macbeth stuff upon his first and second teams, and can promise 'snique and all the thousands of spectators as sweet and tough a batch of ladies as Ulysses ever passed by.

Completely made over are these

twenty-two stalwart sons of Tillie—pardon, little girl—almost "un-sexed" as Lady Macbeth would have it. So completely has the Lounger succeeded, that he hardly knows what sex to call these two teams of his; masculine no more; feminine almost; far more than neuter; "Amazons" is the only term that will fit.

A Necking Party did the 'snique placard call for; A Necking Party deluxe will they get—if ever a group of men came home from a date feeling as though they had been guillotined, they will have nothing on the bunch of 'sniques that will come staggering off the Garden plot with heads dangling pitiful. "Hot Party" is no word for it—there's going to be one general scorching. What 'snique probably expects from this party is one thing; what they and the spectators will see as the Amazons line up will be quite another; but what will happen is so far going to surpass 'snique's idea of a good date that they won't ever want to look a Debutante in the face again—much less the Amazon.

A swell mess Horace Ford got the frosh in—here they don't know how in hell they are going to pay the expenses of his entertainment during

(Continued on Page Four)

As We Like It

THE TEMPEST

Shakespeare presented "The Tempest" to the world as a companion-piece of "The Winter's Tale" and "A Midsummer Night's Dream" and then without further ado, as is the general opinion, made his bow forever. But in "The Tempest," through the beautiful playing of the Repertory company, we see Shakespeare resurrected once more in all his genius of subtlety and with a charm that is breath-taking.

It is to the credit of the Repertory players that "The Tempest" was presented with such exquisiteness and brilliance. Elaborate settings envelope the production with their rustic beauty, and serve to set off the attractive costumes worn by the company. Prospero, the potent sorcerer and rightful Duke of Milan, is played by Cameron Matthews with a mellowness and understanding that is delightful. Our warm admiration also

A perennial favorite with smart people and one of the best—  
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goes out in great waves for the simple but imaginative courtship scene of Miranda and Ferdinand, acted by Edith Barrett and Arthur Sircom to an appreciative audience.

Boston has not seen this masterpiece since 1897 when it was given by Augustin Daly's company. We wonder that the Shakespearians of this cultural center could let lie in the literary attic so great a play. The beautiful presentation of "The Tempest" by the Repertory players should go a long way toward reviving interest in the fairyland comedies of Shakespeare.

No longer will the wail of the sax or the tinny strumming of the uke be heard in Cambridge, according to the New York Times, for the English University has banned jazz instruments from the college halls.

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# MAINE WINS NEW ENGLANDS

## Engineer Soccer Men Meet Army In Year's Last Game

### Kashemsanta May Not be Able to Enter Game Because of Injuries to Leg

With the strong Army soccer team as their opponents, the Engineers will play their last official game of the season at West Point tomorrow afternoon. Chances for a victory are rather slim as the Army team is reputed to be one of the best in the country.

As yet Coach Welch has not decided on the final lineup, but he will probably use the same defense as last week with Wyman at goal, Hawkins and Riehl at full back, and Cooper, Fahey, and Kim as half backs.

### Kashemsanta May Not Play

Kashemsanta's leg is still pretty sore and he may not be able to play. Youngson, Vibul, Hoffman, and Milligan are likely to fill the other forward positions. In case Kashemsanta is unable to play the forward line will be pretty well broken up.

Only two of the Army's regulars are back again this year, but Coach Marchand has succeeded in building up a kicking Mule that defeated Lehigh 4-3 and battled to a scoreless tie with Lafayette. The team lost to Springfield, but the game was very close.

### Sladen Leading Army Player

Captain Sladen is the Army's most powerful player. He is at right half and is one of the key men in the Army's defense. He is ably assisted by Brown and Acklen, both of whom are first class men.

In the forward line Perse, at inside right, is the strongest man. He was one of the principle scorers last year and has done equally well this season. At center forward Easterbrook is making a good record and will give the Engineers plenty of trouble.

## ENGINEERS FIFTH IN NEW ENGLANDS AT FRANKLIN PARK

### M.I.T. Men Unable to Cope With Unexpected Strength of Bates Harriers

### THORSEN PLACES ELEVENTH Surprises Prevail as Supposedly Weak Teams Place First in Cross Country

(Continued from Page One)

hold this advantage until the finish. McNiff took nineteenth place, while DeFazio was thirty-fourth, Baltzer forty-seventh, and Berry forty-ninth. Although the weather conditions were very poor, seventy-three of the seventy-four men who entered finished the race. The winning time was 28:58 1/5, which was not bad when the weather handicaps are considered. The teams that competed in the meet, with their total number of points, were as follows:

|                             |     |
|-----------------------------|-----|
| University of Maine         | 46  |
| University of New Hampshire | 53  |
| Bates                       | 65  |
| Williams                    | 117 |
| Technology                  | 160 |
| Tufts                       | 162 |
| Holy Cross                  | 167 |
| Amherst                     | 209 |
| M. A. C.                    | 215 |
| Northeastern                | 249 |
| Boston University           | 260 |

### N. H. Freshmen Win Race

In the freshman race New Hampshire was victorious for the third consecutive time, Cote, the star of the team, finishing first. He set the pace from the start and had the race in his own hands all the way. Ginter of Holy Cross ran a fine race and worked up into second place in the last mile.

Captain Gilman, who was sixth to cross the tape was the first Technology runner in this race. He ran a good race, but was outclassed by the larger boys from Maine. The other M. I. T. runners who finished in scoring positions were Camerlingo, who was 13th, Jewett, 17th, Littlefield, 18th, and Green, 20th.

### The summary:

|                             |    |
|-----------------------------|----|
| University of New Hampshire | 53 |
| University of Maine         | 62 |
| Bates                       | 66 |
| Technology                  | 74 |
| Holy Cross                  | 80 |

## BOXING TEAM NEEDS HEAVYWEIGHT BADLY

### Team Has Tough Break—Jamison is Out for Two Months

Technology's Boxing Team suffered a severe setback this week as Jamison, last year's Varsity man, will be unable to fight for at least two months due to a cut over the right eye which he accidentally received during practice last Monday. Besides that the team finds itself without a man in the heavyweight class. However in spite of these handicaps Coach Tommy Rawson hopes to have a fairly successful season as 5 of the 7 weight classes will be represented by former Varsity men. Bob Sidur, last year's 115 pound Varsity man, is back with the team as is Charlie Rogg former 150 pound man.

Captain Bolanos who, by the way, is due for a big year, is getting his hitting eye into condition by fighting at present in the amateur circles around Boston. In this way he hopes to be at his best for the initial meet at school.

Another game has been added to the present schedule for this year Syracuse being the opponent for that game. Next Friday, November 23, Manager Scheuren or Captain Bolanos will attend a meeting of the intercollegiate boxing conference at Philadelphia.

## DEAN BOOTERS BEAT FROSH TEAM 3 TO 2

Dean Academy defeated the freshman soccer team by a score of 3-2 in a hard fought game last Saturday. The winning goal was made in the dark, since the game was late in starting. The first score of the match was made by the Cardinal and Gray, but this was equaled and passed at the end of the first half. The freshmen scored their second goal by mass action against the opposing goalie, but lost the game when Dean's good passes gave them a set up.

## Hockey Team To Practice At New Arena For Meets

### Captain Crosby to Lead List of Veterans Who Will be Back This Year

Due to the building of the new Arena, the Varsity team has been held up in practice, and it will probably be the end of the week before the team gets under way. All of the practice games, and matches will be played at the new North Station Arena this year.

Practically all of last year's Varsity is back. From last year's team are Capt. Crosby, who played well at center, and is expected to be one of the main-stays of this year's team, Peene, right wing, who was a powerful offensive man will be a prominent factor in goal department of the Cardinal and Gray machine. The other men back this year are Lucey, left defense; White, right defense; and Riley, goalie. Stewart, last year's coach will probably coach the team again this year.

In the first game of the season, the hockey team meets Harvard, December 12 at the North Station Arena. A much better showing is expected, as the Varsity has this year, the substitutes that were so sadly lacking, in their previous encounters. Also a year's experience will make the Cardinal and Gray a much more formidable opponent.

### Freshmen Experienced

Plenty of good material is available for the freshman hockey team, as many of the candidates have played in high or prep school, and with practice they should blossom forth into a worthy sextet. The freshman schedule, although incomplete, calls for the first match, a meet with Arlington High on February 21. at

Arlington: Several more games are to be scheduled later, as soon as the definite lineup is known. The freshman team will practice with the

Varsity at all sessions. A mass meeting will be held for all men interested in hockey in the latter part of the week, and will be announced later.



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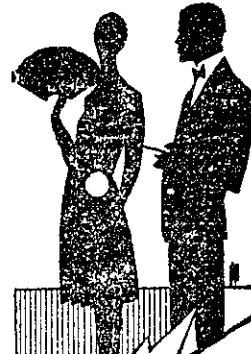
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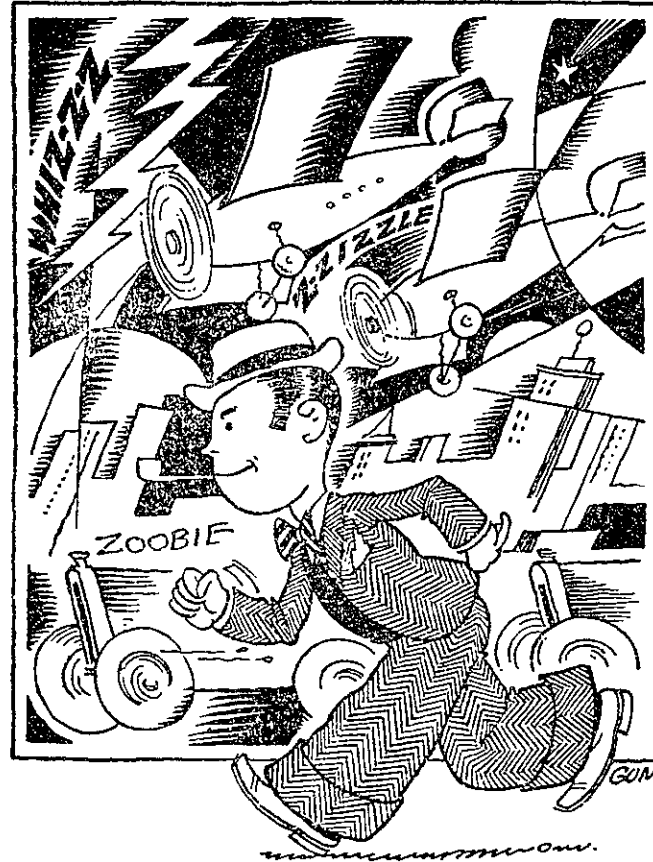
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## WATCH YOUR STEP!



DEX: "Has Goofus any modern ideas?"  
TEX: "Nope; he still wears HARD heels."

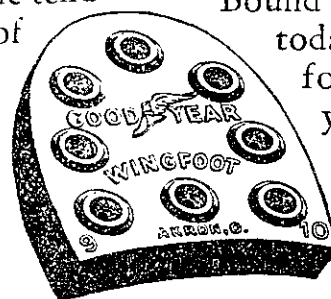
NEVER notice that the men who horn into the annuals as "the best dressed men in college" don't clatter about the campus with their heels making a noise like a loose fender?

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PRESSING and CLEANSING

# OFFICIAL BULLETIN

## ELECTRICAL ENGINEERING

The Colloquium on "Switching Problems" which in an earlier issue was announced for November 26 and 27, has been postponed until the second term.

## CALENDAR

- Wednesday, November 21
- 12:00—Faculty Club Meeting, North Hall, Walker Memorial.
  - 2:30—THE TECH-Technique Football Game, Tech Field.
  - 5:00—Meeting of the freshman section leaders in Room 10-275.
  - 6:00—Alpa Chi Sigma Dinner Meeting, Grill Room, Walker Memorial.
  - 7:00—Mathematical Seminar, Faculty Dining Room, Walker Memorial.
  - 7:00—Catholic Club Supper Meeting, North Hall, Walker Memorial.
  - 7:00—Meeting of the Instrumental Club, East Lounge, Walker Memorial.
- Thursday, November 22
- 4:45—M. I. T. Christian Science Society meeting, West Lounge, Walker Memorial.
  - 5:00—Institute Committee Meeting, Faculty Dining Room.
- Friday, November 23
- 6:00—A. I. E. E. Dinner and Lecture, Main Hall and Faculty Dining Room.
- Monday, November 26
- 5:00—M. I. T. A. A. Meeting, North Hall, Walker Memorial.
  - 6:00—Alumni Association Dinner Meeting, Faculty Dining Room, Walker Memorial.
- Tuesday, November 27
- 7:30—Tau Beta Pi meeting, West Lounge, Walker Memorial.

## Notices and Announcements

**TUG-OF-WAR PICTURES**  
Pictures of the Field Day tug-of-war teams for Technique will be taken Wednesday in Room 11-004, the Sophomores at 4:30 and the freshmen at 5 o'clock.

**FRESHMAN SECTION LEADERS**  
There will be a meeting of all freshman section leaders in Room 10-275 at 5 o'clock today. The attendance of all leaders is required.

## THE LOUNGER

(Continued from Page 2)

that brief span of Field Day captivity. May this be a lesson to frosh of the future—either let the Soph president be, or get some sort of arrangement fixed with the Budget Committee, whereby it may be made an integral part of coming Field Day events. Per-

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**SQUASH CLUB**  
All those wishing to sign up for the Squash Club tournament may do so on the sign-up sheets posted in the Track House and by the Cashier's office. Entries close at 5 o'clock Friday.

**T. C. A. PICTURES**  
T. C. A. picture for Technique will be taken on Friday Nov. 23 at 5 o'clock.

haps two more points to the side that can devise the most pleasant experiences for the captured pride of the opposing forces.

It seems that here the other two publications have got the scrimmage bug; in comes what Phosphorus thinks is humor, directed at T. E. N.

Voo Doo Office  
M. I. T.  
Nov. 19, 1928

To the basement rodents of Walker: Phosphorus from his lofty place beneath the sun has designed to notice the feeble struggles of lowly moles from the depths. Rumbucker and his motley crew of embryonic plagiarists were seen attempting to pursue the elusive sphere upon the field of mud. Edlund the Saxon, Couper, the Cost, the simple Gardner and the drinking Horn, declaring themselves to be backs (which was obvious.) (It seems that Phosphorus had just strolled past and they had disappeared for a moment in the track-house) anyway, declaring themselves to be backs, they lined up in what they, no doubt, thought were backfield positions and went through a ludicrous series of maneuvers. The brute Striker and the erudite Speller rolled over and over on the ground to accustom themselves to the playing position of a guard. One, Lad, appeared to be coaching them. To Phosphorus it seems unfortunate that they must thus rob the cradle. But they must take the dregs. The good men rise to the top.

Phosphorus realizes that these lowly mortals must spend their time in futile efforts to attain that degree of efficiency to reach which those in higher walks of life need only the spur of the moment. He sympathizes with them and promises that they shall not be entirely ruined on that day when the forces of the Voo Doo and the T. E. N. shall clash in mighty conflict on the gridiron.

Scornfully,  
Phosphorus

## EXHIBIT PAINTINGS OF ART AT ROGERS

Sketches and water color paintings of scenes in England and on the Continent will be on exhibition in Rogers Building from noon until seven o'clock every day until December 1. These works have been submitted by two recent winners of the Department of Architecture's Travelling Fellowships, John H. Raftery and Shepard Vogelgesang.

Scenes and water color paintings and pastels of Byzantine mosaics and marbles will be among the exhibits. In addition some sketches made in India by a former student of the Department of Architecture, Miss Georgiana Yeatman, will be shown.

## TECH ENGINEERING NEWS OUT TODAY

Is Featured by Pictorial Section on New Marine Engines and Equipment

November's issue of the "Tech Engineering News" is on sale today. A large variety of subjects of technical and general interest mark this issue. Two of the articles were written by former Technology students. One is a treatise on 'Emission Cathodes' by Mrs. Mary J. Andrews '06, in which she describes competently the manufacture and use of the cathodes. Mrs. Andrews is a research engineer for the General Electric Company. John B. Drisko '27, son of Professor William J. Drisko '95, is the author of a description of 'Scandinavian Hydraulic Projects.' Mr. Drisko is the holder of the John R. Freeman travelling fellowship at Technology.

## Odds Are 10 To 1 In Favor Of THE TECH Gridsters

Many Thousand Are Expected to Witness Annual Battle At Tech Field

(Continued From Page One)

to gain through them. At center is Vermeer, an accurate passer.

The backfield boasts of a stellar combination of the first magnitude, the Four Dancing Debutantes: Davis, Smith, Rouse, and Kamy. These scintillating luminaries can twinkle through the strongest defense in the country if required to, and the wobbly opposition which will face them today will not extend them in the least. It will prove a great surprise if it is ever necessary for THE TECH to take more than two downs to make ten yards.

A short summary will be sufficient to present the "Technique" team to the sports followers. The fact that the team is Gray around the Temple at the ends should be adequate proof that these important positions have worried the yearbook not a little, else why the silver threads? The remainder of the line, from tackle to tackle was recruited from the list of probationers on file in Assistant-Dean Lobdell's office and they are as deficient in their knowledge of football as they are in scholastic ability. Of the backfield Pat, Pattie, Mary and Botzie, not much can be said, as no one has ever seen them exercising except the University Club.

The game will begin promptly at two-thirty on Tech Field. Admission is free, and excitement galore is promised to the fans. Photographers from Pathe News, Fox Movietone, the Boston Transcript, New York Times, Vogue, and the Police Gazette will be present to photograph the assembled notables. Following the game, the players will be entertained at a banquet at Hotel Bellevue.

|                |               |
|----------------|---------------|
| THE TECH       | Technique     |
| Roddy, l.e.    | l.e. Gray     |
| Houston, l.t.  | l.t. Parker   |
| Alkazin, l.g.  | l.g. Allen    |
| Verveer, c.    | c. Wyman      |
| Connable, r.g. | r.g. McCulloh |
| Harmon, r.t.   | r.t. Manter   |
| Hamlin, r.e.   | r.e. Temple   |
| Davis, q.b.    | q.b. Pattison |
| Smith, r.h.b.  | r.h.b. Patton |
| Rouse, l.h.b.  | l.h.b. Marean |
| Kamy, f.b.     | f.b. Botzow   |

Technique substitutes: Fahne-Coveney, Vezin, Lyall, D'Antoni, Starratt.

THE TECH substitutes: Fahnestock, Truax, Worden, Haberstroh, Diefendorf, Bahr.

## MORALS OF STUDENTS NOTED BY PROFESSOR

Psychologist Analyzes Ideas On Religion and Life

(Continued from Page One)

marriage. Concerning the dissemination of knowledge of birth control 63 per cent of the women from cities and 68 per cent of the men voted affirmatively, while 55 per cent of the women and 64 per cent of the men from farms were in favor of it.

**Influence of Religion**  
"Do you believe that hopes of Heaven or fears of Hell play any part in determining your personal conduct?" was answered affirmatively 32 per cent of underclassmen and 18 per cent of upperclassmen.

Dr. Gleason believes that the chief value of the tests for the students lies in the fact that he is forced to come to a decision about these matters.

## MEMBERS OF MORTAR AND BALL ELECTED

New members of the M. I. T. Chapter of Mortar and Ball, the National Coast Artillery Fraternity, have recently been announced. The following were elected to membership: George F. Crotty '29, Wendell R. Holt '29, Waldo I. Kennerson '29, Arthur B. Marsh '29, Richard S. Whitehead '30, John F. Bennett '30, Albert F. Bird '30, James L. Bryant '30, Cyril R. Harding '30, Allen Latham, Jr. '30, and Harold R. Spaans '30.

## FRESHMAN LEADERS ARE TO MEET TODAY

There will be a meeting of all freshman section leaders in Room 10-275 at 5 o'clock today. This meeting is being held primarily to decide how the expenses that were incurred by the freshmen in kidnapping and imprisoning Horace S. Ford, president of the Sophomore Class, before Field Day, can be met. The attendance of all leaders is required.

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