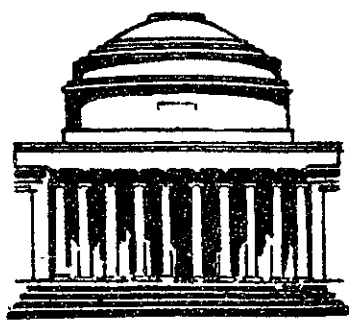


The Tech



MASS. INST. OF TECHNOLOGY
FEB 10 1939
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Volume LIX, No. 2

CAMBRIDGE, MASS., FRIDAY, FEBRUARY 10, 1939

Price Five Cents

Terms to Hold Annual Dinner Dance Tonight

Reception And Breakfast Will Be Features On Program

GAHAN WILL PLAY

Men will swing tonight to the music of Don Gahan and his band at the annual Dinner Dance in the Main Hall of Walker Memorial.

The affair will begin at 7:00 with a reception, followed by a speech by President Karl T. Compton, guest speaker. While the floor is being prepared for dancing, a reception will be held upstairs. Dancing is then to begin until two o'clock, when breakfast will be served.

Gahan Old Favorite

Don Gahan's organization is already popular at Technology as a result of his appearances at many campus affairs. Besides the Open House Ball last year, Gahan has played for the Gamma Delta fraternity, and also for many colleges in the East. Among his major collegiate engagements have been those at Dartmouth, Smith, Boston University, Harvard, Tufts, and Amherst. The band is popular for its imitations of the styles of nationally famed orchestras. Because of the dance tonight, open houses will be observed in the dormitories until midnight. The Burton Club and the Crafts Living Room are open until 3:30 A.M.

Popular Science Talk To Be Given

F. Morris Gives Lecture On "Rocks From Sky" This Sunday

"Rocks from the Sky" is the title of the fourth lecture to be given 4 o'clock Sunday afternoon in Room 10-250 by Professor Frederick K. Morris of the Department of Geology.

Professor Morris will tell what geologists have learned of the origin of meteorites, and will show a large collection of these celestial fragments, some of which are made up of giant pieces of metal resembling stainless steel.

Largest Exhibit in the World

The collection of meteorites, which constitute the largest single exhibit of these fragments ever shown in one place, has been loaned by the Smithsonian Institution, the American Museum of Natural History and the Geological Museum of Harvard University, and include Professor Morris' collection. Most of these meteorites have been cut and polished so their structure may be clearly seen. The lecture will be illustrated by many lantern slides, including a series showing meteor craters.

(Continued on Page 3)
Popular Science

Catholic Club Schedules Dance For February 17

The Mid-Winter Informal Dance of the Technology Catholic Club is scheduled for Friday, February 17, it was announced last night by John W. O'Brien, '41, secretary of the club. Billy Burke and his orchestra have been engaged to provide music from 8 until two in the Main Hall of Walker Memorial.

Tickets 75 Cents

Tickets for the affair can be secured by members of the Catholic Club at seventy-five cents per person.

Institute Committee Bans Cooperative Milk-Buying

At the informal session of the Institute Committee, held yesterday after the regular meeting, the following are some of the motions which were made, seconded, and passed:

"That the Institute Committee dinner meeting be held at the Hotel Sheraton on the evening of February 23, 1939."

"That there be no co-operative beer-buying."

"That the secretary strike out the word 'beer' from the minutes and insert the word 'milk'."

Dramashop Joins With Drama Club To Present Play

"The Whiteheaded Boy" To Be Given By Organizations; Dramashop Elects

Dramashop, student dramatic society, and Drama Club, faculty organization, are cooperating to give a joint production of Lennox Robinson's "The Whiteheaded Boy" on February 24 and 25 at Brattle Hall in Cambridge.

This production is in the nature of an experiment, and if it is successful, the two dramatic associations will cooperate in the future to act jointly. Tickets for this month's play are priced at \$1.00 per person.

Refreshments After Play

After the play, there will be an informal social at which refreshments will be served.

New officers were elected by Dramashop last Wednesday. They are Marshall P. Pearce, '40, President; Barbara F. Laven, '40, Secretary; and Burton S. Eddy, '42, Treasurer. These officers will be installed on March 22.

Retiring officers are Vernon G. Lippitt, G., President and Rhodes Scholar; Margaret Whitcomb, '39, Secretary; and George A. Moore, '39, Treasurer.

Counselling Dinners Are Set For Monday, Feb. 13

The first of two course counselling dinners for freshmen will be held in the Graduate House Dining Room Monday, February 13, at 6 P.M. The meeting will feature conferences with graduate students in the various courses offered by the Institute. The only charge for this affair will be seventy-five cents, the cost of the dinner.

No formal speeches are scheduled for the evening program as all course

(Continued on Page 4)
Counselling Dinners

Lure Of Completing Super Sailplane Spurs Activity Among Glider Club Men

The members of the Glider division of the A.E.S. are figuratively all up in the air these days over one of the biggest projects ever attempted by such an independent organization.

A super sailplane (a motorless type of aircraft quite different from a glider according to those who should know), which is expected to surpass the best in the world today, is being planned by the members of the club.

What excites the boys most is the fact that they, mere students, are doing work which rivals the technical accomplishments of experienced engineers.

Although the members of the club

Dr. Compton Meeting Head

Prof. Taylor To Speak At Gathering For Democracy

President Karl T. Compton will be chairman of a meeting, "to defend the freedom of science and learning", Sunday, February 12, at 8.15 P.M., in Sander's Theatre of Harvard University.

The meeting, one of many in a nation-wide demonstration of colleges for the preservation of democracy and intellectual freedom, is held in commemoration of Lincoln's birthday. Professor C. Fayette Taylor, of the Institute's department of Mechanical Engineering, is on the list of speakers, together with Dr. Mildred H. McAfee, president of Wellesley College; Zachariah Chafee Jr., Harvard Law professor; and other prominent educators of the Boston area. Professor Taylor will represent the Association of Scientific Workers.

Instigated By Paper

These demonstrations are the result of a paper written of a German scientist and published last April in the British scientific periodical "Nature". This scientist declared that "Aryan physicists" were superior to "non-Aryan" ones.

Americans Protest

A committee headed by Professor Franz Boas of Columbia University has collected the signatures of 1284 American scientists who protest against this Nazi attitude toward science and feel that a public demonstration in behalf of democracy should be held.

Henry A. Wallace, the Secretary of Agriculture, will address the New York meeting. His topic will be "Racial theories and the genetic basis of democracy". Other meetings will be held in Philadelphia, Washington, Pittsburgh, Cincinnati and at colleges throughout the country. Shortwave station W1XAL will broadcast the Boston meeting.

Refugees Drive To Open Feb. 14

More Offers Of Jobs, Rooms Needed To Reduce Living Expenses Here

The Technology Refugee Committee will begin a series of discussions and talks in the dormitories and fraternities next Tuesday night, February 14. Members of the committee will explain the purposes and aims of the group, making available a pamphlet and pledge card to students, instructors, professors, and any others interested.

A meeting of the committee will be held Sunday night in Walker Memorial. Those wishing to attend are requested

(Continued on Page 4)
Refugee Drive

Tech Ranks Second In Basketball Rating By The Boston Globe

N. E. Team Standing

	W	L
1—Rhode Island	11	0
2—M.I.T.	5	1
3—Worcester Tech	6	2
4—Dartmouth	11	3
5—Brown	8	2
6—Boston Univ.	5	3
7—Williams	6	2
8—Tufts	6	4
9—Trinity	5	2
10—Amherst	4	2

Magoun Lectures On Course Choice Tuesday In 6-120

Must Know Yourself To Pick Career, Prof. Magoun Tells Audience

"Know thyself" is a summation of all I can say on "How to choose a career", stated Professor F. Alexander Magoun in his address to a capacity audience in the Eastman Lecture Hall last Tuesday. This talk opened the activities of the Course Counselling Committee.

Professor Magoun outlined a scientific method for determining one's abilities. The type of career finally selected, he said, should be based upon individual aptitudes and skills, the emotional and personal satisfaction obtained from the job, and the position's social purpose. The course which one pursues here at the Institute may have no bearing on the career finally chosen, Magoun showed, using actual examples.

Must Analyze Ability

"Everybody is born with certain inherited aptitudes which, although not easily recognized in some cases, can not be changed. Examples of these are mechanical, oratorical, leadership and musical abilities." To determine these aptitudes, tendencies, and characteristics, Professor Magoun explained, a personal inventory and analysis should be made.

An ability inventory should consist of a list of the aptitudes, successes, and failures of one's parents and grandparents, since heredity plays a great part in personal abilities.

Willing To Help

As an inventory of this nature takes a great deal of work, Professor

(Continued on Page 3)
Magoun Lecture

Freshman Notice

Having successfully completed your first term at the Institute, you freshmen who have not already become interested in some extra-curricular activity should now seriously consider the advantages to be derived from such work. Not only is this work interesting and instructive, but friendships are formed with men who are leaders in the undergraduate student body.

To aid you in the selection of the proper activity, the Walker Memorial Committee has compiled a list of positions in activities open to freshmen. The committee's hours are from 4 to 6 P.M., Monday through Friday. It offers its aid to those of you who are desirous of finding your place in the activity system at Technology.

Walker Memorial Committee

Coach Starts Stiff Practice For B. U. Game

Schneider And Samuels Are Leading Team In Scoring

Rated at present second only to Rhode Island in the "Boston Globe" ranking, the Technology quintet still has to face the toughest part of its schedule. Coach McCarthy is already drilling the team in its final practice sessions, preparing for the first of the crucial matches, that with Boston University on Wednesday night.

Coach McCarthy, who hopes for a season of nine wins against one loss, has been working his prize five since Monday afternoon. The whole team reported for practice on registration day and has been at work every afternoon in Walker Gym.

Five Wins in Six Games

Because of its record of five wins in six games, the quintet was in second place on the "Globe" rating. Such strong teams as Dartmouth, Brown, and Boston University are all trailing the Institute team. Just how long the team keeps its high position depends very largely on the game with Boston University on Wednesday. Tech will have its hands more than filled in

(Continued on Page 4)
Basketball

Jr. Prom Budget Gets Official O.K.

Institute Committee Passes Farrell's Report On Coming Affair

Approval of the budget for the Junior Prom was the high point of a lethargic and uninspired Institute Committee meeting which was held yesterday afternoon in the East Lounge of Walker Memorial. The only feature of the meeting worthy of note was its length, twenty-two minutes.

In presenting the preliminary budget of the Prom, W. Happer Farrell, '40, president of the Junior Class, read a long list of items totalling some \$2,227.50. Balancing against this budget is the income of 450 tickets at \$4.95 apiece, a total of \$2,227.50. No profit is expected.

The remainder of the meeting was devoted to discussion of plans for a dinner meeting of the Committee which is to be held at the Sheraton Hotel, Thursday evening, February 23.

T.E.N. Freshman Board Elections Given By Speas

Announcement of the freshman board elections was made last night by Dixon Speas, '40, managing editor of the Tech Engineering News. The board members were chosen from the freshmen who have worked for the T.E.N. during the past term.

The following men were elected to the board: Jerome T. Coe, A. Carleton Jealous, Theodore G. Lindsay, John W. Jenkins, William R. Wilcox, Charles A. Speas, Jacques Shaw, Frederick Gander, Robert K. Johnston, W. Johnson, Henry Lemaire, E. H. O'Brien, T. Richard Thomas, John E. Uhlmann, Kenneth M. Leghorn, Charles F. Bien, and Edwin P. Van Sciver.

The Tech

Vol. LIX Friday February 10, 1939 No. 2
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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Night Editor: Carthrae M. Laffoon, Jr., '42

It is a threat calling for more than mere idle gestures. It calls for an organized and potent scheme of opposition. It demands that our people become aware of the existence of that conflict, for many are not conscious of it; just as many were not conscious of the last war until it had arrived on their doorstep.

And if the aim of the committee is not solely a gesture on behalf of democracy; if, as it must, it has humanitarian reasons for its drive, we have already expressed our conviction that these humanitarian reasons are founded on error.

If the Committee wishes to aid struggling scholars, let it assist struggling American scholars, of whom there are very many. If the Committee wishes to aid Democracy, let it find some more efficient and more powerful way of doing so.

CAN MAN EVER PROVE

THAT HE HAS A SOUL

Recent medical researches seem to indicate that tendencies towards certain character traits may be transmitted thru the genes. In other words, they may be inherited.

Ranging out from that discovery is a vast range of possibilities. Character is considered, probably, by most people as one of the aspects of the intangible spirit of man, as a component of the immortal essence which quickens his flesh and gives him the hope of life after death.

Also, in the last century, medical science has shown that, physiologically and mentally, there is no sharp division between man and beast. In terms of those two aspects, man is merely a highly evolved animal.

There remains still the question of the soul. If such is existent, it forms the boundary which seems existent between humans and their nearest biological relatives.

That is why this recent discovery of medical science is important. It is man's first glimmering, factually, that his intangible qualities may have organic roots. It is true that emotions have been shown to be caused by hormones; but the basis of stubbornness, courage, acquisitiveness, generosity, and such characteristics is still an unfathomed mystery. And here we learn that tendencies towards such traits may be transmitted by a solely material mixture of chemical compounds. It follows that such characteristics may have material origins.

Eventually it may be possible to so trace all the so-called spiritual elements of man to either a definitely material origin or a definitely non-material origin, and so demonstrate factually the presence or absence of the soul.

How would this affect religious thought? It would react severely on formalized religious thought, but to the sincerely religious, whose religion is based on faith, there would be no reaction. Sincere religion is not dependent on such conventionalities as the presence or absence of a soul. It is founded on faith, on a faith in a benevolent and supreme principle of life; and is indifferent to the mode in which this principle is expressed.

LETTERS TO THE EDITOR

To The Editor of The Tech:

It was unfortunate that the Editorial Board of The Tech misunderstood the aims and purposes of The Technology Refugee Committee. Granted that we are aiding several refugee scholars, granted that scholarships are being given to foreign students, and well aware that there is need for such aid in America, there is even a greater necessity for an expression of the type of The Refugee Committee. What is this expression?

It is this—we are demonstrating our belief in the freedom of the human spirit, something which apparently is possible only in The United States of America. It is time that we as Americans became conscious of this ideal which is labeled "liberty" and to this the committee is dedicated.

We know only too well that the aid given to one or a thousand refugees will not help the situation. There are over ten million refugees from China, Russia, Italy, Germany, and Spain at large in the world today. We are giving aid to refugee scholars and in doing so are trying to accomplish something equally if not more so important, — a gesture to show our loyalty to democracy.

The Technology Refugee Committee

Reviews and Previews

LOEW'S STATE AND ORPHEUM—Frederick March and Joan Bennett are starred in Trade Winds, while Jack Holt is featured in The Strange Case of Doctor Meade. You'll like these two new pictures; the former casts March as a romantic detective, the latter shows Holt as a courageous physician who battles prejudice.

METROPOLITAN—Held over here is Jesse James new Technicolor epic starring Tyrone Power and Henry Fonda, and While New York Sleeps, with Michael Whalen.

UPTOWN—The new program includes Kentucky, filmed in Technicolor, and The Last Warning.

UNIVERSITY—Now playing, Paris Honeymoon, with Bing Crosby, and Kay Francis in Comet Over Broadway. PARAMOUNT AND FENWAY—John Garfield is starred in They Made Me



Did He Pass?

Gone but not forgotten! We hereby wish to recite to you what we think is the most stupendous exam story yet to pour forth from the lips of the innocent. (Somehow these metaphors don't sound right.)

It seems that our young friend was

(Continued on Page 4)

Lounger

A Criminal, with the Dead End Kids and Peter Lorre is featured in Mr Moto's Last Warning.

SCOLLAY AND MODERN—Dawson Patrol and Off The Record are now being shown at these houses.

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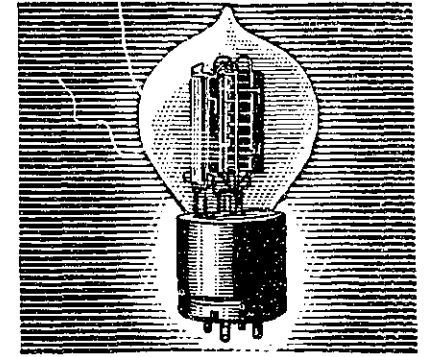
RIGHT OR WRONG?

A 2-minute test for telephone users



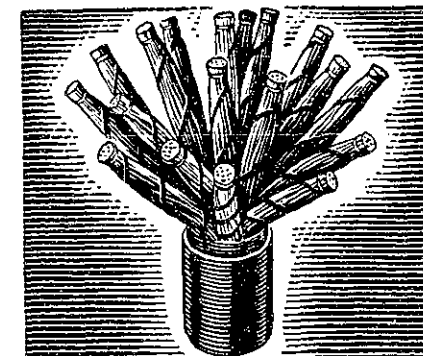
1. The Bell System handles about 48,000 telephone calls per minute, on the average.

RIGHT WRONG



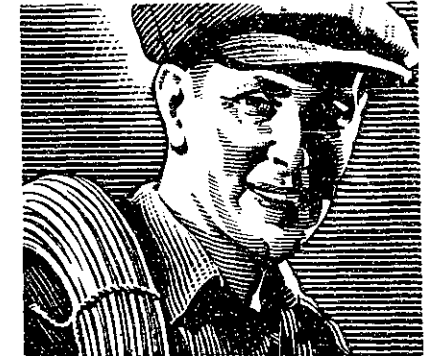
2. One of the first uses of vacuum tubes was in telephony—years before commercial radio telephony.

RIGHT WRONG



3. The largest telephone cable used by the Bell System contains 2424 wires.

RIGHT WRONG



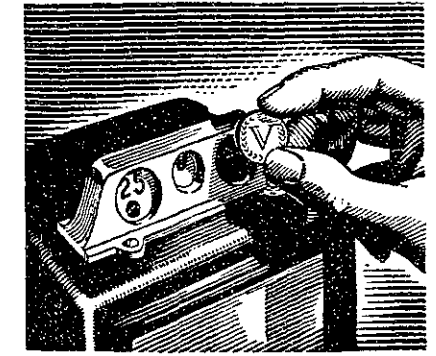
4. The Bell System employs about as many people as live in the city of Dayton, Ohio.

RIGHT WRONG



5. This is part of a page taken from a telephone directory published in the United States.

RIGHT WRONG



6. Lowest rates to most out-of-town points are available every night after 7 P.M. and all day Sunday.

RIGHT WRONG

ANSWERS



1. Right. In 1938 the average number of calls per day was about 70 million.
2. Right. The repeater tube, which makes possible long distance telephony, was first used in 1913.
3. Wrong. 3636 wires are packed into a cable about the size of a man's wrist.
4. Wrong. The population of Dayton is about 200,000—while there are nearly 300,000 telephone employees.
5. Right. It is from San Francisco's Chinatown telephone directory.
6. Right. Why not telephone family and distant friends oftener?

BELL TELEPHONE SYSTEM

THE REFUGEE COMMITTEE

AS AMERICA'S UNMAILED FIRST

In a letter printed in this issue, the Refugee Committee defends its sponsorship of scholarship aid to foreign refugees by stating that the material assistance so offered is merely incidental to the major aim of the drive, which is in their words: "demonstrating our belief in the freedom of the human spirit, . . ."

In other words, the campaign is theoretically merely a gesture. It is merely America saying to the totalitarian states in a two hundred and fifty thousand dollar voice: "We are a democracy. We have freedom of speech and freedom of education. You are totalitarian states, having neither of those freedoms."

There is no doubt that the governmental paranoia which has control of large portions of the world is a very real and out-spoken menace to the sanctity of the individual.

There is already in existence a struggle between totalitarian and democratic governments, a struggle bound to become more bitter as the years go on. One or the other must succumb eventually, since by their very natures they cannot be coexistent. The conflict borders on the nature of the religious, and has all the bitterness of such a conflict.

That is the fact which democracy must face. If England and France are subdued by totalitarian states, we shall be next; and we shall be beaten, if we are alone. It is practically imperative that we stand behind England and France.

And furthermore it is futile and a waste of time, energy and money to express our antagonism towards totalitarianism in such gestures as the Refugee Committee wishes to make.

If, as the Committee itself says, the purpose of the drive is to hearten the rebellious element present in the dictator states, if it is a symbolical raising of our flag in the face of the enemy, then there are ways of doing that which are far more effective than the much-too-subtle method of subsidizing a few students.

In his support of the Committee, Dr. Compton has said: "The present situation in Germany constitutes a threat to our American ideals of individual liberty and opportunity and is . . . a reversion to a type of social behavior which we had hoped had been outgrown in our civilization, . . ." It is all of that, and furthermore a very active and aggressive threat.

Track Teams To Race In B.A.A. Meet

Tech Runners Will Meet Crack Teams From Other Schools

FROSH ALSO TO RUN

Tech's varsity mile relay team will compete against crack Princeton and Cornell runners at the fiftieth annual Boston Athletic Association Games tomorrow night in the Boston Garden. The freshmen are also scheduled to run although at present their opponents are unknown.

George W. Clark, '40, Lewis T. Jester, '41, Toivo V. Kyllonen, '40, and William E. Wood, '40—the same team that outran Syracuse and Columbia at the Millrose Games last Saturday—will take the boards against Princeton and Cornell.

Princeton Has Run 3:26

Princeton turned in a 3:26.0, including a 49.6 anchor quarter by Thum when they were edged out by Harvard at Millrose. Tech's time in New York was 3:31.8 and its fastest quarter 52.0 by Wood. Cornell cannot be rated since they have not entered competition so far this season.

Eugene J. Brady, Jr., Arthur S. Gow, Frederick M. King, and Charles Smith are to run in the freshman race. They defeated Tufts and Boston University at the K. of C. Games a week ago Saturday in 3:41.2.

Tech Also In Field Events

Also entered in the games tomorrow are John S. Hamilton, '39, varsity captain, in the high jump; John F. Gilbert, '41, in the pole vault; and Frank E. Hoffman, '40 in the high hurdles.

Squash Team Will Engage Amherst In Match Sat.

Undefeated in six starts on their home courts this season, the Institute's squash team will pack up their racquets Saturday and journey to Amherst for a scheduled match there with that school.

Coach Summers announced that the line-up for the game will be as follows: Captain William Babcock, '39; Robert Miller, '40; Irving Peskoe, '39; Arthur Arguedas, '41; and Al Barton, '40.

Popular Science

(Continued from Page 1)

Last Lecture is on Biology

The final lecture in the series, "Living Mechanisms and How the Exact Sciences Measure Their Functions", will be presented by Professor Joseph W. Horton, of the department of Biology, on Sunday, March 12.

All the lectures will be given at four P.M. in Room 10-250. Tickets may be obtained without charge one week before each lecture by applying to the Society of Arts at the Institute.

Magoun Lecture

(Continued from Page 1)

Magoun stated that he would be glad to help anyone in making such an analysis.

Professor Magoun illustrated his ability to determine a person's aptitudes through such an analysis by citing as illustrations the cases of several of his former students. He also supplemented his lecture with humorous stories and demonstrations to emphasize specific points.

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SHORTS ON SPORTS

HOWARD J. SAMUELS, '41

FIFTY YEARS AGO

From the Tech of 1888 comes an interesting sidelight to Tech sports for here began the record of athletic activities at M.I.T. From November 1888, "It was no surprise that the football team failed to win their game with Harvard." In November 1889 comes a more encouraging word: "It was a very pleasant day, but it was no surprise that the football team failed to win their game with Harvard." 1890 brought an even more encouraging word: "It was a very pleasant day and a big crowd was present (free beer to all) but it was no surprise that the football team lost their game to Harvard."

Sports were not all tragic in those days, for just fifty years ago a Tech man placed third in the mile run in the First B.A.A. games. These come to the garden in their annual appearance this Saturday night.

OUR NEW SWIMMING POOL

Just a warning to those swimming enthusiasts who are anticipating the new swimming pool to be built in the spring. The water sprouting from that object in the lobby of Walker Memorial is not the beginning of the swimming pool. The new pool will not have spraying cold water and will be built on the hangar gym field.

QUINTET IN SECOND PLACE AGAIN

The basketball rating from the Boston Globe again placed the Tech quintet in second place among the thirty some odd teams in New England. Occupying first place is the Rhode Island Team. Strong teams behind the M.I.T. five include Boston University, Brown, and Tufts which are all on the Tech schedule. Strangely enough the strong Dartmouth team is rated behind Tech in spite of the record which they possess.

NEEDED — A NEW SPIRIT

From many of the Tech coaches comes the word that the reason most Tech teams fail to gain recognition is because of the poor attitude exhibited by many of the students. There is talent enough throughout the school to make our teams among the best, but many students rather hide their virtues under the disguise that they can't get away from their work. There are students who must pay so much attention to their studies that they can not give an hour or two of their day to athletics, but these students are few in comparison to the many who have the time but use it in less worthy ways.

Faculty Team Takes 2nd In Pistol League Match

With eight teams competing in the Metropolitan League Pistol Match, the M.I.T. faculty contingent took second place, while the Institute's varsity team won third. Their scores were 830 and 784 respectively.

First place went to the Boston Rifle and Revolver Club with 868 points, and Harvard came in 7th with 763. High point man of Tech's varsity was Jean L. Lewis, '40, who got 167 out of 200.

INFIRMARY LIST

Harold Goldberg, '40, Benjamin T. Howes, '39, Conrad N. Nelson, '41, Reginald J. Page, G, Ida Rovno, '39.

At Brooks Hospital: William R. Burke, '41, Arnold L. Johnson, G, William C. Morton, '42.

At Haynes Memorial Hospital: Gilbert C. Tompson, '42, Carl A. Trexel, '41.

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Tech Rifles To Meet Navy Team

Institute Gunners Will Face Intercollegiate Champs Tomorrow

After having won five out of its first six shoulder-to-shoulder matches this season, the Technology rifle team will travel down to Annapolis tonight to fire a match against the Naval Academy.

The Institute team had high hopes of defeating the Navy team this year, but it has suffered several casualties, for its number one and number two

(Continued on Page 4)

Rifle Team

Tech Icemen Lose Game To B. U. Last Tuesday

Still in the doldrums of repeated failures, the Institute hockey team again bowed down to defeat in the Boston Arena last Tuesday night. The ten to one drubbing was administered by a very capable Boston University team, with John Neal, '41, securing Technology's only goal.

The Beaver team was quite visibly weakened by the absence of Gerald Grace, '40, who has left school, while Jim Gordon, '41, played his second consecutive game as goalie. Last night the team engaged New Hampshire at Durham in an effort to break the long series of losses. The results of the contest were not available before The Tech went to press.

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1442 Massachusetts Avenue Harvard Square

CALENDAR

FRIDAY, FEBRUARY 10

7:30 P.M. Dorm Dinner Dance, Main Hall, Dancing 10:00-2:30 P.M.

SATURDAY, FEBRUARY 11

8:30 P.M. Debate, M. I. T. vs. Colgate—Room 6-120.
8:30 P.M. Track, Boston A.A. Games -- Boston Garden, Sunday, February 12.
1:30 P.M. Dorm Tea--Burton Room.
6:30 P.M. Refugee Committee Dinner—Faculty Dining Room.

MONDAY, FEBRUARY 13

12:30 P.M. Electrical Engineering Department Luncheon—Silver Rm.
5:00 P.M. Freshman Council—West Lounge.
6:00 P.M. Freshman Course Counselling Dinner -- Dutch Room, Graduate House.
8:30 P.M. Debate, M. I. T. vs. Bucknell—Room 2-390.
8:30 P.M. Chi Epsilon Initiation—East Lounge.

TUESDAY, FEBRUARY 14

1:30 P.M. Reception, Class of 1912—President's Residence.
6:15 P.M. Dinner, Course XV Graduate Group—Faculty Dining Room.
6:30 P.M. Dinner, M.I.T.A.A. Advisory Board—North Hall.
7:30 P.M. Wrestling, M.I.T. vs. Tufts—Hangar Gym.

Lounger

(Continued from Page 2)

in the process of flanking that grievance known as Ec11—badly. So, the night before the final, he set himself down and, in the course of the evening, thoroughly digested the entire book -- in itself a tremendous feat. Next morning bright and early he hied himself to the exam and proceeded to sweat. In the usual aftermath post mortem here was his tale of woe. "I thought I knew that stuff cold, but there was only one question I could answer. So I just bulled the other three for a whole book."

"Other three! Man, you must have taken the Ec 12 final!" And he had.

P.S. Two days later he passed the correct exam, but they never would tell him what he got on the first one.

Counselling Dinners

(Continued from Page 1)

information will be handled in informal round-table discussions, each course occupying individual tables. All courses will be represented at the first dinner Monday but only the most important ones will be included in the second meeting to be held Monday, February 20.

The members of the Course Counselling Committee are Frederick R. Henderson, Brockway McMillan, Howard P. Milleville, and Walter F. Hiltner, chairman, all graduate students.

Refugee Drive

(Continued from Page 1)

to contact William Hagenbuch, '39, chairman, Dr. Compton will address the meeting.

Student Housing Needed


The committee has already received offers for student housing, but needs more facilities and positions for part-time jobs. The committee wishes to emphasize, however, that offers of jobs must not be made at the expense of deserving students already holding them.

Cooperating with Technology in the refugee aid movement are a number of other universities and colleges, including Yale, Cornell, Smith, Bennington, Vassar, Carnegie Tech, Harvard, Fordham, Swarthmore, Wheaton, Columbia, Manhattan, Ohio State, and thirty others. National sponsors include Rev. Fosdick of New York, Robert Hutchins of Chicago University, Dr. J. Conant of Harvard, and Governor Saltonstall of Massachusetts.

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Sunday Services 10:45 a. m. and 7:30 p. m.;
Sunday School 10:45 a. m.; Wednesday evening meetings at 7:30, which include testimonies of Christian Science healing.

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333 Washington St., opp. Milk St., entrance also at 24 Province St., 420 Boylston Street, Berkeley Building, 2nd Floor, 60 Norway St., cor. Mass. Ave. Authorized and approved literature on Christian Science may be read, borrowed or purchased.



Tech Debaters To Meet Colgate Team Saturday

On Saturday, February 11 the Technology Debate Society team will oppose a team from Colgate University on the question "Resolved that the United States should cease spending public funds for the purpose of stimulating business."

The visiting team is to defend the affirmative and the Institute team will take the negative according to league rules covering the debate. Samuel I. Omansky, '40, and Martin L. Ernst, '41, have been chosen to represent the home team. The debate will start at 8 P.M. in Room 6-120 and anyone interested is invited to attend.

Bucknell Next Opponent

Another Institute team is scheduled to defend the affirmative of the same question Monday, February 13 against a team representing Bucknell University. The members of the Technology team for this debate, which will take place at 8 P.M. in Room 2-390, will be L. Hurley Bloom, '40, and Russell T. Werby, '40.

Sailplane

(Continued from Page 1)

plane as a thesis. Their research led them to devise several distinct improvements over existing styles of sailplane design, thereby forming the basis of the club's present plans. The students must however, amplify these plans and provide much original research on the details themselves.

The organization of this work has been well carried out with an "engineer" in charge of each part of the plane—the wings, fuselage, etc. He has working with him two or three men, just as the engineer in industry. Emphasis has been placed on duplicating actual industrial practice, and the club members have been so successful that they claim their efficiency is as great as any in the field.

Short On Technical Ability

Because this project involves the most advanced technical knowledge, the club is faced with a shortage of men who have had the necessary training. Only the seniors have been educated in the fundamentals of plane design which fact, unfortunately, delays progress. The underclassmen are employed at drawing the plans and in the actual construction.

Although there is still much work to be done on the plans, the club will begin construction of test pieces next Saturday. Before actually building the plane, each section must be tested so that revisions of design may be made. The data collected from these tests must also pass the approval of the Federal Commission.

Has Unusual Design

A glance at the plans for the sailplane reveals a long, sleek, fuselage crowned with two thin tapering wings of fifty-two feet spread. The body,

New Technology Blotters Available To Commuters

The Technology Christian Association has announced that the new Technology blotters have been distributed to students living in the dormitories and fraternity houses, and that persons living in private homes should obtain theirs at the T.C.A. office immediately. There are only enough blotters to supply each Institute student with one.

with its large head, thin after section, and large tail, strongly resembles a pollywog. President Paul Sandorff, '39, characterizes it as a "one horse shay" since every part is planned to have equal strength.

If the project progresses according to expectations, the club will be ready to start construction on the plane itself in the fall at the club's workshop behind Building 38. A year should be sufficient to put the sailplane in the air.

Have Money Troubles

Such a project entails much expense. The club hopes to raise the necessary \$1000 by means of a drive being conducted among the former members. Another source of revenue is the prize money which the club won at the annual glider meet at Elmira, New York. The club has participated in this meet for several years with much success.

The professors who have been working with the club have displayed much enthusiasm over the project. They have even granted special privileges to the men in allowing them to work on the plane in place of regular class work. They have also donated much technical assistance and financial aid.

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Basketball

(Continued from Page 1)

playing the B. U. five, which has won five out of eight games against much harder competition than Tech has had.

Schneider, Samuels Top Scorers

Paul Schneider, Senior center, and Howie Samuels, Sophomore forward, have been leading the team in scoring. Schneider has scored 26 field goals and 17 fouls for an average of over eleven points a game. Samuels has also scored 26 field goals but has sunk only six fouls for an average of ten points a game.

Captain Thomas Creamer and tall Dick Wilson have averaged over six points a game. Creamer, however, has been giving most of his attention to guarding with the help of "Hap" Farrell. Wilson, who has been sinking shots from all over the court in the last few games has shown that his scoring prowess is still improving.

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Rifle Team

(Continued from Page 2)

men dropped out of the Institute at midyears and are no longer eligible to compete. It is still a strong team, for it lacks only two of the members who put it into the New England Intercollegiate Championship last year, but it is going to meet the National Intercollegiate Champions tomorrow when it shoots against Navy.

National Champions

The Naval Academy has been National Intercollegiate Champion for ten of the last twelve years, and consistently turns out a powerful team. It defeated Tech musketeers last year by a score of 1395 to 1352 which is a comfortable margin of over eight points per man.

The match consists of nine men shooting in each of three positions—prone, kneeling, and standing. From these scores the high five are selected and added up as a team score. Thus each team has a possible total of 1500 points, for each man fires ten shots in each position. Scores of over 1350 are considered good, and a score of 1400 is exceptional though not unheard of.

Team Travelling

Tech will be represented in this match by Humbert P. Pacini, '39, team captain; Robert W. Pratt, '39; Seymour E. Heymann, '39; Valentine deV. deOlloqui, '40; Jean L. Lewis, '40; Bertram R. Harper, '40; Herman L. Meyer, '40; Phelps A. Walker, '40, and William F. Orr, '41.

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