Institute Opens New Laboratory
Prof. Schwarz Heads Textile Program

The establishment at the Institute of the Samuel Slater Memorial Laboratory as a part of the Textile Division of the department of Mechanical Engineering was announced yesterday by President T. C. Magoun in his offices at the Robert T. Compton. This modern laboratory houses the latest developments in equipment and electronics for research on the physical properties and behavior of various materials. It will also be used in the education of the most advanced students and in the training of professionals in fields such as textiles, fibers, and fabrics.

The laboratory is the result of a several year program sponsored by Slater and Sons, Inc., and will be operated under the direction of H. Edward Schwartz and the technical staff. Its name is a tribute to the late H. Nelson Tower, Jr., who served as a Commodore in the United States Navy, and will be the first to use the laboratory.

The equipment of the laboratory is described in detail on page 4 of this issue.

Marriage Series Opens Thursday
Prof. Magoun To Talk Under T. C. A. Auspices

Professor F. Alexander Magoun will give the first lecture of his popular annual series on "In Preparation for Marriage" on Thursday, January 11, in Huntington Hall, Room 10-350. He will deliver one talk from 4:00 to 5:00 P.M. and repeat it for another audience from 5:00 to 6:00 P.M. The other three in the series of four lectures to be given on Thursdays, January 18 and 25, and February 1, Professor Magoun's first topic will be "Criteria for a Happy Marriage."

Professor Magoun states that the value of such dignified college lectures is being recognized more and more by leaders of American colleges. It is just as possible to take a scientific approach to problems of human relations as it is to problems in chemistry. The two most important questions which each person must face, are the choices of a profession and a life partner. In making either choice a person is apt to be entangled in the many emotional pitfalls. To aid people in choosing their professions, fairly reliable aptitude tests have been devised, and now personality tests have been planned to discover the advisability of a particular marriage.

Professor Magoun gave his first series of lectures in 1928, and every year since then, except in 1943, when he was occupied with government work, he has repeated them.

Fire Levels Bldg. Near Briggs Field; Damage Is $2000

A blaze of undetermined origin Wednesday demolished a small building on Institute property just east of Briggs Field. The fire, which attracted a hook-and-ladder and four pumpers, created a temporary air of excitement in the Massachusetts Avenue-Memorial Drive vicinity. The fire, of undetermined origin caused damage estimated at $2,000.

The building which was destroyed, an Army barracks, was not in use at the time of the conflagration. The firemen restored order at the scene after a fifteen-minute struggle, but not until a hose had burst to add to the general confusion.

Institute Comm. Revives Activity Points System
Revised Points List Will Be Presented At Next Meeting

The Institute Committee at its meeting yesterday evening voted to reestablish the Points System as provided for in the Walker Memorial Committee Constitution. This system has not been enforced by the committee for the past several years because of the war.

Under the Points System, the Walker Memorial Committee assigns a set number of points for all undergraduate activity offices and for participation in sports. Accordingly, no undergraduate may carry a total of more than a predetermined number of points. At the meeting yesterday, David P. Flood, 6-45, announced that the Walker Committee will review all point assignments and will present them to the next meeting of the Institute Committee.

The purpose of the Points System, as stated in the Walker Memorial Committee Constitution is (1) to encourage participation in activities by affording recognition for endeavor in this line, (2) to protect activities from having an executive whose other interests and duties demand too much time to allow him to competently hold his office, and

(Continued on Page 4)

The Tech
CAMBRIDGE, MASS., FRIDAY, JANUARY 5, 1945
PRICE FIVE CENTS

Professor Proctor To Head Research In Food Technology

A far-reaching program of research in food technology to study the post-war problems of world food production, the improvement of products, and methods for retaining the flavors and nutritive values in processed foods, will constitute part of the program to be undertaken by the recently established division of Food Technology at the Institute.

The director of this division, which is under the department of Biology and Biological Engineering, is Prof. Bernard E. Proctor. Professor Proctor, who has been a member of the Institute's staff for many years, has just returned from a leave-of-absence during which he served as Director of Subsistence and Packaging Research for the United States Army Quartermaster Corps.

New Five-Year Course Announced

In announcing plans for the new division, Professor Proctor disclosed that the program will include a new five-year course offering special opportunities.

(Continued on Page 4)
RESPONSIBILITY

With this issue, the first of Volume LXV, The Tech passes into new hands. It is not without some fears that we take over the control of the paper, for now the responsibilities that were others' fall upon our shoulders. Some people may scoff at the mention of responsibilities, yet there are many, not the least of which are to our readers.

We are pledged to bring to our readers unbiased news. This principle of free press is a fundamental principle of the democratic form of government, and we do not propose to violate it. Therefore we pledge that The Tech will present the facts, and only the facts, as clearly and with as little bias as it is humanly possible.

An important feature of a free press is that it is open to all, that the printed page is really the property of the paper's readers. The editorials of The Tech represent the opinions of the Managing Board, and as such they are open to criticism. The Tech has accepted in the past and will continue to accept for printing letters and comments on its policy or any other matter which is of interest to the readers of the paper. Of course, only serious letters, signed as evidence of the writer's good faith, can be accepted.

We have attempted to give you some of our aims for the coming year. Our aims will be defeated if the students do not take an active interest in The Tech. Volume LXV is published for the benefit of the students of the Institute, but the benefits will be lost if the undergraduate body does not recognize The Tech as its medium of expression and take full advantage of its facilities. It is our responsibility to provide these facilities; it is your responsibility to make use of them.

I. F. C. Dance
(Continued from Page 1)

limited capacity of the Georgian Room. The committee was forced by the limited capacity of the Georgian Room. Questionnaires have already been sent to all fraternities on the campus regarding their membership.

larger ballrooms were unavailable.

Affiliation Committee
Unofficial Effort To Revive Hockey
Is Unsuccessful

The movement to revive ice hockey at the Institute after a two-year lapse has met with frustration. It became known this week through the M.I.T.A.A. The drive which was staged recently to solicit student interest through sign-up lists posted in the dormitories and in Building 10 was completely lacking of official support.

Since athletic funds at present are being drawn from a rather limited student enrollment, the M.I.T.A.A., although not adverse to supporting the sport, finds itself financially unable to back the venture. Another factor opposing the resumption of hockey is that, provided arrangements could be made to use the facilities of the Boston Arena, practice sessions would necessarily have to be conducted early in the morning, with the result that V-12 students would automatically be eliminated from participation.

No Competition

If a team were to be organized, it is doubtful whether there would be sufficient competition from other schools since most of the members of the league in which Tech participated have dropped hockey for the duration of the war.

Hoop Men Meet W.P.I. Saturday

The Tech basketball team plays its fourth game of the season this Saturday, January 6, against Worcester Poly at Worcester. After a two-week layoff, the squad will again attempt to get back in the win column. If the improvement shown at the last game in which a good Tufts team just managed to pull out in overtime, has been increased by a number of practice sessions, the Beavers will have an excellent chance to cop their second win.

Varsity Squash Team To Play U.B.C. Today

White Teamsters Win Against Harvard Reds; Tech Red Team Loses

Technology’s Squash Teams finished a busy week today, when the Varsity consisting of Pelene, Henson and Sonnabend, in that order, meets the Union Boat Club Blues here at 5:00 P.M. Yesterday the Whites and the Reds both played matches.


The Reds lost their match to the Radiation Team by a score of 3 to 0. Armes, Ralph Scherer and Bob Topzer losing to Rogers, Bernbaum and Huntington respectively.

Manager Sonnabend has announced a schedule of the future matches that are definite. On January 20, the Varsity will play the Yale Varsity at the Institute Courts. On the following two Saturdays the team will play away at Exeter and West Point. Exeter will play here on February 17, and on March 17 a match is scheduled with Yale.

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racksters Run Handicap Meet

Team To Meet Tufts Here On January 13

Intra-mural competition in the form of a handicap meet was the highlight of the track squad's past week. However the team was also engaged in preparation for inter-collegiate meet which is to be held here with Tufts on January 13.

Final trials for the Tufts contest will be run tomorrow. The handicap meet, conducted at Saturday, involved four events, 50 and 300 yard dashes and the 1000 yard runs. Winner the 50-yard dash was Kriegel, 3, with a four yard handicap, second was Spencer, 1, with a handicap, and Huntington respectively.

Coast Guard Team

To Shoot At Tech

Matches At Annapolis
And West Point Next

The rifle team will shoot its second shoulder-to-shoulder match of the season tomorrow when the Coast Guard Academy team of New London will visit the Tech range for a return engagement. In their first meeting with the Coast Guard the Technology shooters were unsuccessful.

On the schedule at present are two additional shoulder-to-shoulder contests, one with the Naval Academy on January 13 at Annapolis and the other with Army on February 10 at West Point. In postal matches of this month the team is slated to encounter Rhode Island State, Brooklyn Tech, and Massachusetts State, while Yale and U.P.I. are on the bill for February. Besides these engagements Tech is to participate in the First Service Command Tournament and the William Randolph Hearst Match.

Mail Match Pending

In three official matches to date Tech has failed to turn in a victory, although the outcome of a fourth contest, shot recently by mail with Northeastern, is still pending.

Swimming Engagement

With Seabees Cancelled

The swimming meet scheduled for tomorrow, January 6, with the Seabees of Davisville, Rhode Island, has been cancelled. The Tech swimmers were to have met the Seabees in the Alumni Pool. The next engagement will find the Tech team journeying to Brown on January 13.

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BOSTON, MASS.
### Glee Club Invites Students and Staff To Concert-Dance

All members of the Institute staff and student body are invited to come to the concert and dance being held by the Technology Glee Club in conjunction with that of Pembroke College, January 19, at 8 p.m. under the direction of Dr. Prescott, 1st Officer, Sableski; 2nd Officer, Siebert; 3rd Country Loafer, Laurent P. Michel, 2-47; 4th Country Loafer, Draper; 1st Watchman, Siebert; 2nd Watchman, Sableski; 1st Interpreter, Moore; 2nd Interpreter, Bengston; Stage Manager, Stephen H. Chappell, 2-47; Light and Sound, Douglas Porter, 2-47; Ushers, Hal B. McVicker, 2-47; Elasme M. Bickford, 2-47. The concert fee will be $1.00 per couple, which will be paid during the coming week in the Lobby of Building 10.

### Textile Lab.

(Continued from Page 1) makes possible under carefully controlled air-conditioned surroundings, the study of the complex behavior of textile materials under a large variety of conditions. Stresses of only a few grams or many hundreds of pounds may be applied in either tension or compression for either long periods of time or less than a thousandth of a second. For the latter kind of work, the detection of an electron beam is photographed and measured by a high-speed camera.

The technical data which has already been obtained has been of great interest and importance in Army and Navy Aviation. The virtual elimination of friction and inertial effects which are common to the usual testing apparatus has given, for the first time, an accurate record of the behavior of such materials as parachute shroud lines, canvas fabrics, uniforms, climbing ropes, tenting, and many other materials vital to the war effort.

### Inst. Comm.

(Continued from Page 1) (3) to curtail and limit in some measure an individual in the number of responsibilities he may accept in the effort to spread this responsibility, and prevent any one man from being imposed upon in demands on his time which he may not feel free to refuse.

Henry M. Morgan, 2-46, was appointed to the Junior Prom Committee to replace John R. Kirkpatrick, 2-46. James S. Craig, 2-46, and William H. Farrow, Jr., 6-45, were placed upon the Constitution Committee. Alexander E. Halberstadt, 2-46, was appointed as Junior Member of the Senior Week Committee.

It was also announced at the Institute Committee meeting that the Executive Committee has dropped the idea of creating a Publicity Committee. The activities of this proposed committee will be carried instead by the Walker Memorial Committee and the Athletic Association. The Walker Committee plans to set up bulletin boards in conspicuous places around the Institute to give the latest news of all student activities.

### Sparrow Elected Hillel President

Marvin Sparrow, 2-46, was elected president of the newly formed Hillel Society at the first business meeting of the group last Wednesday. Other officers elected were Vice-President, Frank Blatt; Secretary-Treasurer, Louis B. Wadell, 2-46; Corresponding Secretary, Kermit Greene, 2-46; Chairman, Nelvin W. Frieden, 2-46; Publicity Chairman, David Israel, 2-47.

The first Hillel sponsored event of the year will be a tea dance to be held in the Copley Square Lobby, S. S. Pierce Building, on Sunday, January 14, from 3:30 to 6:00 P.M. The girls at this affair will be free from Radcliffe and Harvard Colleges. A sign-up list for members will be posted until tomorrow on the Hillel Society bulletin board in Building 10.

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### Prof. Morize To Speak Before East-West Assoc.

Prof. Andre Morize of Harvard University will speak Wednesday, under the sponsorship of the East-West Association, about France's policies concerning colonies and racial situations. He will speak on January 10 at 8:00 P.M. in the Emerson, Room 7-468.

Prof. Morize was in close contact with the French Government during the Nazi occupation and was in touch with the French underground.

### The First Church of Christ, Scientist

66 Massachusetts Ave.; Cambridge, Mass., U.S.A.

### Calendar

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