

FRESHMEN WILL GET SCHOLARSHIP HELP THROUGH ALUMNI

Regional Scholarships Have Been Established in Six Large Cities

FULL TUITION AWARDED

Alumni Distribute Information, Interview Candidates, and Choose Men

As a means of obtaining the co-operation of the alumni in various Technology centres in attracting to the Institute students of exceptional ability and promise from all parts of the United States, the Institute has established Regional Scholarships in six alumni centres, with more being arranged for.

At the present time the centres which have already completed arrangements are: Chicago, St. Louis, Denver, Pittsburgh, Washington and New York. Washington has already made use of this plan, and has sent two men here on half scholarships apiece, as the two men were tied for first place.

An award of full tuition is offered to a young man of American citizenship, of good character and health whose standing in his preparatory school studies has been high, who has shown aptitude for work along the lines of Institute courses, who has passed his entrance examinations with a good record, and has fulfilled all other requirements for admission.

After successful completion of the work of the first year, scholarship aid may be expected from the funds at the disposal of the Committee on Undergraduate Scholarships, provided the student maintains a high rank in his studies and is in need of further financial aid.

Each co-operating center is entitled to nominate one candidate each year. In case no qualified candidate is recommended by the Alumni Committee, no award will be made. The Institute assists the alumni in their choice by supplying posters, Institute publications, and the necessary blanks.

TECHNIQUE TO BEGIN REDEMPTION MONDAY

Campaign Will Continue All Week at Main Lobby Stand

Technique has announced that Monday will see the start of their campaign to redeem the outstanding sign-ups for the 1927 issue. A stand will be maintained in the Main Lobby daily, from 11 to 2 o'clock, where students may pay the balance of \$3.00 on their year-book, and secure a stub which entitles them to a copy of the book after the Rush on April 16.

This campaign will continue until Friday, March 25. A limited number of sign-ups will be sold at a cost of \$2.00, making the ultimate cost in these cases \$5.00.

It is announced also that practically all the material is at the printers, and that the proofreading has already begun, insuring an early arrival at the bindery, and thus a sure appearance at the Rush. Perry and Elliot of Lynn are doing the printing this year, while the engraving work is being done by a Chicago firm.

PETROLEUM IS NEW COURSE III OPTION

Preparations are now being made for the inauguration next October of a new option in Mining and Metallurgical Engineering dealing with the production, transportation and storage of petroleum. This will be known as Course III, Option 3 Petroleum. Dr. Horace T. Mann will be in charge of this course.

Dr. Mann received his degree of S.B. from the Rolla School of Mines in 1908, following which he held the associate professorship in metallurgy and ore-dressing there for eleven years. He then became a professor at the Butte School of Mines. In 1925 Dr. Mann received his doctorate in science from M. I. T. Since that time he has been connected with the Josey Oil Company and the Radcliffe Oil Company as petroleum engineer, handling valuations and engineering.

Frozen Summer Open To Tech Radio Men

Prospects of whiling away a hot summer in the cool of the Arctic regions, and at the same time working at a favorite job, are within the grasp of two Technology students for whom torrid weather has no attraction, and who incidentally are licensed radio operators. Word was received by Mr. James K. Clapp of the Electrical Engineering Department that operators are needed on each of the ships which Donald MacMillan, well-known Arctic explorer, will take north this summer.

MacMillan again intends to penetrate the frigid regions of the far North, leaving early in the season to continue the survey of the earth's magnetic fields which the United States government is sponsoring. One of the two ships will return in the fall, but the other will remain in the North throughout the following winter. Austin C. Cooley '24, who was on the last MacMillan expedition, sent word to Technology of the unusual opportunity.

Religious Topics To Be Discussed In T. C. A. Talks

Rev. Tweedy Speaks Tomorrow On "Scientist's Faith And Ancient Creeds"

"It was by attending Dr. Tweedy's morning discussion group at Silver Bay that I had given me the privilege of contact with this man of very pleasing personality, whose method of treatment of religious questions has a distinct appeal," was the comment of Nate Parker, Captain of last year's Dartmouth football team on Doctor Henry H. Tweedy, who will deliver two addresses here under the auspices of the Technology Christian Association. "A Scientist's Faith and The Ancient Creeds" is the subject Dr. Tweedy has announced for his first lecture, tomorrow at 4 o'clock in room 10-250, and "Who Is Jesus?" will be the subject of his second lecture at the Institute at the same time and place Friday. He will also give an informal talk in the Dormitory Lounge Thursday at 8 o'clock and talk at an informal smoker for Fraternity men at 490 Beacon Street on Friday at 8 o'clock.

Dr. Tweedy has been graduated from both Yale University and Union Theological Seminary, and also spent two years at the University of Berlin, Germany. For ten years he was in active pastorate in Utica, N. Y., and Bridgeport, Conn., and for the past 18 years he has been a professor in the Yale Divinity School.

POWER ECONOMICS IS ALDRED TOPIC

President Ferguson of Hartford Electric Company Will Speak Friday

Other factors besides low prices for electric power should be considered by the consumer, which are of greater importance to the user if he is to have the benefit of the far greater service that is ultimately possible, is the belief of Mr. Samuel Ferguson, President of the Hartford Electric Light Company, who is scheduled to deliver the next Aldred lecture on Friday.

These other factors are: unlimited supply, absolute reliability and the progress of the art. These, together with the desirable minimum of price constitute the goal toward which the industry and its customers must strive, Mr. Ferguson continued in his abstract.

Consider Cost Question

Taking as his topic, "A Few Aspects of Today's Public Utility Economics" Mr. Ferguson will consider the cost question as balanced against the question of fair financial return and proper research development as his general theme. He will touch on the effect of mergers and of the popularly named "super-power," technically known as "interconnection," on the economic situation of the industry. Besides this, the speaker will discuss in considerable detail the so-called "Retirement Reserve," for the purpose of compensating for depreciation without the necessity of issuing securities, and will also point out in some detail the economic fallacies in the attempt of Governor Pinchot of Pennsylvania to regulate the power industry in that state.

Graduated From Trinity

As has been the case in the past, this lecture will be held in Room 10-250 Friday at 3 o'clock. Although arranged primarily for Seniors, graduates, and members of the instructing staff, no effort has as yet been made to exclude any other students who may be free at the time.

Mr. Ferguson graduated from Trinity College in the Class of 1896, and from the Columbia School of Mines in 1900. He was employed in the Research Laboratories of the General Electric Company, and in 1912 resigned from that company to accept the Vice-Presidency of the Hartford Electric Light Company. In February 1924 he was elected president of the company. Besides this, he is president of the Connecticut Power Company, and is a director in three other power concerns in the Connecticut Valley.

Will Represent State At Service Institute



GOV. ALVAN T. FULLER

SERVICE INSTITUTE TO CONVENE HERE

Country's Leading Authorities Gather for Discussion of Public Problems

Largest and most important gathering of its kind ever held here, the Institute of Public Service will bring together, for three days, the country's leading authorities to consider problems of public service in municipal, state, and national government. The Institute, which is being held under the joint auspices of Technology and the Massachusetts Civic League, will open with a dinner at the Hotel Somerset tonight.

Dr. Samuel W. Stratton will preside at the dinner, and other leading speakers will be Clarence C. Little, President of Michigan University, Dr. Charles A. Beard, famous for his research in municipal administration, and William C. Deming, Chairman of the United States Civil Service Commission. Governor Alvan T. Fuller will represent the state at the opening dinner, and will speak on the significance of public service to the state, while Mayor Malcolm E. Nichols of Boston will speak for the municipality.

Round table sessions of the Institute will begin on Thursday in the Pratt Building at Technology. The morning meetings will include discussions on water supply and sewerage, administration of street cleaning and waste disposal, public health, social service, including the problems of handling crime, and in the afternoon talks on "The University and Public Service."

The round tables on Friday include discussion on public health programs, with addresses on child health problems led by Professor Clair E. Turner of the Department of Biology and Public Health of Technology. The Institute will end its deliberations late Friday with a reception, followed by inspection of the buildings and equipment of Technology.

SENIORS TO RECEIVE ENDOWMENT OUTLINE

During the latter part of this week a mimeographed outline of the Senior Endowment will be mailed to every member of the Class of 1927. Enclosed with the outline will be a stamped envelope and a letter from Fordyce Coburn '27 requesting the member to reply as to whether or not he is in favor of the insurance plan.

An agent of the Massachusetts Mutual Life Insurance Company will be in the Hexalpha Room, Building 10, all day Friday to answer all questions which may have occurred to the Seniors regarding the plan.

In Monday's issue of THE TECH four words were omitted in the last paragraph of the outline of the endowment plan which was printed. This paragraph should read: "The initial annual deposit required to put these benefits into effect, will be approximately \$13.50 for the first two years, at age 22. This figure will be slightly changed for other ages. Beginning with the third year, all future deposits will be \$18.80.

M. I. T. A. A. MAKES ANNUAL ELECTIONS TO MANAGERSHIPS

Athletic Association Appoints Fowler Director of Basketball

COPELAND HEADS 150'S

Walter H. Gale Will Manage Institute Hockey Team Next Year

M. Edgar Powley '29 was elected to managership of next season's basketball team by the Executive Committee of the M. I. T. A. A. at their meeting Monday evening as a result of his recommendation by Gilbert J. Ackerman '28, manager of this year's team. Powley went out for the position of manager in his freshman year, being chosen assistant manager for this season. In his first year, he was a member of the class tennis team.

Walter H. Gale '29 was accepted as the man recommended by Frederic D. Riley '28 for the manager of the Hockey Team next year. Gale, too, worked up from his freshman year to the position of assistant manager.

George R. Copeland '27, who was elected captain of the 150 pound crew in place of Denis A. Dearle '27, is a holder of a straight T, which he won last year rowing with the 150's. In his first year, Copeland made the class team, and the next year was a member of the Varsity 150 pound crew when he won his crew letter. At present, he is president of the Tech Boat Club, and a member of the Varsity Club, and the Senior Week Committee.

Appointment of Carl J. Bernhardt '28 as manager of inter-class baseball for this spring was made by the Executive Committee. Bernhardt was coach of the freshman Field Day tug-of-war team, and is assistant sports editor of THE TECH.

Awards of letters to various members of the Varsity Hockey and Basketball Teams were recommended to the Advisory Council on Athletics, which will pass on these suggestions at its next meeting on Tuesday, April 5.

INSTITUTE WRESTLERS IN COLLEGIATE MEET

To Oppose Five Colleges For New England Honors

Technology Matmen will compete for the New England Wrestling Championship next Friday and Saturday at Providence. The other contenders are to be Brown, Harvard, Williams, and Tufts. Hopes of the Institute at present do not exceed the probability of securing third place. The four competitors are expected to finish in the above named order.

Brown and Harvard are strongest in the heavy events while Technology expects to collect most of its points from the lightweight matches. If the meet should progress with an even balance maintained between the two favorites it is possible that the Beavers would benefit sufficiently to come out on top.

Cullen of the Engineers stands an excellent chance to win the 115-pound class, especially in that Turner of the Crimson has removed to the 125 event. Harris, Rabinovitz, and Captain Franks were runners-up in their respective classes in the similar contests last year and are all conceded a big chance of success.

Due to the scarcity of material M. I. T. will not be represented by a second team although Harvard and Brown are to be so reinforced.

CALENDAR

Wednesday, March 16
4:00—Schrodinger Lecture on "New Wave Mechanics," Room 4-370.
8:00—Debating Team meets U. of Vermont, Room 12, Rogers.
Thursday, March 17
4:00—Lecture by Dr. Henry H. Tweedy, D.D., Room 10-250.
Friday, March 18
3:00—Aldred Lecture, Room 10-250.
4:00—Second Lecture by Dr. Tweedy, Room 10-250.

Institute Committee Demands Organization Constitutions

Following is a list of the only undergraduate organizations at Technology whose constitutions are at present in the hands of the Institute Committee:

ACTIVITIES

M. I. T. A. A.; Walker Memorial Committee; T. C. A.

PUBLICATIONS

Benchmark; Technique; Tech Show; THE TECH; Voo Doo.

SOCIETIES

Combined Professional Society; Mechanical Engineering Society; Civil Engineering Society; Mining Engineering Society; Corporation XV; Naval Architecture Society; Chemical Society; M. I. T. Branch, A. I. E. E.

CLUBS

Radio Society; Latin American Club; Cosmopolitan Club; Chinese Club; Rifle Club; Quadrangle Club.

None of the undergraduate honorary societies of Technology have their constitutions with the Institute Committee. The constitution of the Tech Boat Club is on file, but as there was no representative of the club present at the last Committee meeting, it has not as yet been recognized.

Article ten of the constitution of the Technology Undergraduate Association states that any recognized Technology organization must put its constitution in the hands of the Institute Committee. Action will be taken at the next meeting of the Institute Committee on March 24 regarding those groups whose constitutions are still missing, putting them in danger of becoming extinct.

All of the documents are either to be turned in to Edward D. True '27, or left on the Executive Committee desk in the Institute Committee Room of Walker Memorial before March 24.

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In charge of this issue: Richard H. Blair '29 and Hunter Rouse '29

UNDERMINING THE PROM COMMITTEE

EVERY year we hear the laconic criticism of social life at Technology. Discounting the value of all forms of arm-waving as well as the sordid remarks of local and outside talent, it is certain that there is room for improvement. What is little realized by those who criticize is the fact that improvement lies within themselves—they must act as well as point out incongruities.

A favorite point of attack after each Institute affair is the diffidence expressed in the familiar reply—"oh, it was fair last night, but the arrangements were terrible." Undoubtedly there have been instances in the past where such criticism has been justified. But in the end upon whom does the failure of a social function reflect? Upon none but the undergraduates themselves. The undergraduate casts his ballot for the men who will manage the affairs of his class. In the majority of cases, the candidates elected prove to be the best fitted for the position. The student then dismisses all thoughts of management from his mind, for he believes that the candidate whom he has helped to elect will carry on the work without his help. In this manner, he does not cooperate, yet he expects the management of his class social activities to put forth extra effort so that he will not be disappointed.

The average undergraduate is too procrastinative. It is possible to emblazon the bulletin boards for weeks in advance with posters announcing a class dance, a concert, a Junior Prom, yet all are given the same half-hearted attention when the day for sign-ups or ticket sale dawns. He may be given three days, a week—any length of time—before being threatened with the final opportunity to make reservations or obtain tickets, yet in that space of time, it is impossible to untangle his knotted-purse strings, for there is always hope of a second chance at the last moment. Such a lack of support undermines the plans of any committee. Definite arrangements are then an impossibility and the success of the venture a gamble. Whence the dissatisfaction of late comers?

Prom sign-ups suffered from student procrastination this year. They did last year. Isn't it time that some measure be taken to prevent a recurrence in the future?

IS OUR EDUCATION KILLING INDIVIDUALITY?

AFTER hearing on every side through books and magazines, newspapers and lectures flagrant criticisms of the so-called looseness of morals among American college students, it is indeed refreshing to hear of a person who, seeing those conditions, is not discouraged. Professor Boas of Johns Hopkins in Harper's Magazine gives as his only criticism that that looseness is too standardized. His undergraduates, he says, have succeeded in "making themselves as uniform as bone buttons."

Uniformity in the graduates of a school would seem to indicate that the school is not living up to the true ideals of education. Education implies rather the development of the individual and his mind than the mere imparting of facts. It is now almost universally recognized that individuals vary greatly in practically every respect. Development of the minds of those individuals should therefore if anything make the differences more striking. Similarity seems to show a tendency toward thinking according to definite formulae which are generously distributed by the faculty.

Colleges today are beginning to realize that quantity production of a standardized product may be admirable in manufacturing but it is impracticable in teaching. Fewer large lectures and classes are being held in many colleges, their places being taken by smaller groups and tutorial work. Personal research and investigation under faculty direction have been incorporated to a much larger extent into the curricula of many other schools. However, most colleges seem to encounter considerable difficulties in finding satisfactory methods for accomplishing this more personal development of the individual without overburdening the faculty.

The whole question seems to hinge on whether American colleges wish to have large enrolments or whether they will be satisfied with fewer students who will be better educated according to the individual capabilities. One new school in Florida has limited the enrolment and is to use the tutorial system to the entire exclusion of lectures. With so many varied experiments along this line being conducted, it should be possible to tell in a few years whether it is the college system which encourages uniformity or whether it is the students who force it on themselves.

As We Like It

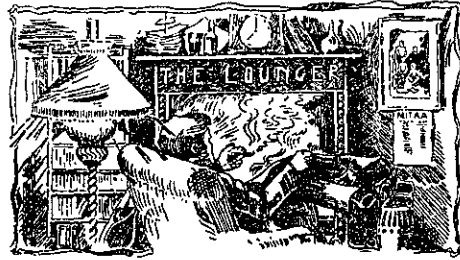
THE MASQUERADER

Particularly fertile would seem to be that field for the author wherein the startling and almost perfect resemblance between two persons offers the opportunity for a play. Here the chances for curious action, peculiar coincidences, and general misunderstandings are almost without limit. "The Masquerader," the present offering of the St. James Theatre, has for its motif this anomalous predicament. John Loder, a poor struggling, yet withal eminently capable and brilliant young journalist, is the exact counterpart of the gone-to-seed and drug-debauched Honorable John Chilcote M. P.

It would seem impossible, yet herein do circumstances so out-of-the-ordinary occur, that upon one occasion, Loder the unknown is prevailed upon to make a speech in Parliament as Chilcote's proxy, upon that worthy's inability, from drug-taking. So inspired is the speech that he, as Chilcote, is hailed as a Gladstone. Thenceforth is he, with some quibbling and difficulties, forced to assume the role which he has temporarily accepted almost in fun, and, of course, he meets with many uncommon predicaments. One of the most important of these is Chilcote's wife, and he is an honorable man.

But we must hesitate here, lest we become too involved; we may say that everything turns out ideally and to the ultimate satisfaction of everyone. Quite expeditiously does the villainous and unlikeable M. P. die, and our hero, the amiable and agreeable, is compelled by the force of events to continue in the elevated post into which Fate has so rudely placed him. Meriting, we feel sure, much of our praise is the eminently fine acting of Walter Gilbert, who assumes the dual and diverse parts of the reprobate villain and the righteous and resourceful hero. Appealing to us also were the personalities of Brock, Chilcote's man, enacted by Charles Schofield, and Chilcote's wife, portrayed by Florence Shirley.

"The Masquerader" in all is light and pleasing and gently stimulating. As a decidedly favorable manner in which to gain an evening's enjoyment, we beg to recommend it. P. T. G.



Tra-la-la—and the Lounger gaily-doffed his seedy overcoat and rolled up his sleeves. What—to work—in Spring? Hell no! Anything that takes more effort than dissertating on the birds and the bees and the spooners will go undone. But the Lounger can't resist a few exulting remarks on the balminess and laziness of these first Spring days. Oooooooooooooo boy!

The thing really came as 'twere like the climax in the best of plays—a little suggestion here, and a birdie there, and so on till the whole finally zoomed right out last Sunday morning. The Lounger suspected something queer when he saw some Teachers gambling merrily on the grass—what grass?—and then he noticed a few score more strollers on the banks of the crystal Charles at night; but all these would have passed unnoticed, had not the miracle of miracles come to pass—Sneaker Joe came to class on the first balmy day without his Sneakers! What other than Spring could make one forget tennis shoes, and display himself in tan oxfords and light cream spats? It's here all right; there's no doubt about that. It almost makes one forget the snow that is due around the end of April.

On the grass between Building 2 and Walker Memorial is a testimonial to the ignorance and rank indifference of some undergraduate automobilist. Any moron who hasn't sense enough to keep off new grass with his automobile isn't fit to drive a baby carriage in the Sahara, let alone an auto in the environs of Boston.

So successful was the Musical Clubs Concert last Friday that the Lounger feels himself duty bound to give whoever was in charge of the affair as superlative a panning as his thesaurus will permit. First of all, the publicity department functioned so smoothly that no one even had the courtesy or forethought to give President Stratton due notice of the event, so that when he chanced to pass through Walker lobby that evening, he had to go up and beg one of the crowd of asst. mgrs. around the door to tell him what the brawl was about. The Lounger would suggest that the aforesaid asst. mgrs. at least learn to know their president when they see him.

As for the splendid co-operative

THE OPEN FORUM

AGAINST TUITION RAISE

To the Editor of The Tech: Referring to the increase in the tuition of which your paper gave information last Friday, President Stratton was reported as saying: "The cost of education has been increasing in the last four or five years, while the tuition has remained stationary."

Mr. Ford, on the other hand, gave the following figures: "The average cost per student is \$790.00, of which only \$330.00 are actually paid by the student and the remainder by the Institute. This means that for every dollar that the student pays in, the Institute pays out \$1.40."

It seems to us that the quoted words could have been used as well or better to defend an entirely different step of the Faculty. President Stratton's words show, beyond any doubt, to our opinion, the greater value for an educational institution of intellectual and scientific production as compared with the immediate economical profits. We recall that a continuous prosperity of the Institute in every field has gone on throughout, not only those four or five years, but the whole existence of the Institute, in spite of the apparently insufficient increase of the tuition in respect to that of the cost of education.

The surprising prosperity of the Institute is not surprising at all if we stop to think of the remarkable fac-

chairmoving scheme, all the Lounger can say is that it worked to perfection. When the audience pays to carry chairs for the girls left standing, efficiency seems to have reached the height of perfection. It might be, of course, that the good manager had the modesty to imagine that only a few would appear.

And now a short ride on the subject of the much-played-up table reservation idea. The thing was great on paper, but when the gullible ones who had thought the thing was going to be carried out came to look for the waiting places—well, where were they? Not even the management seemed to know. But the system of gate crashing that the doorkeepers developed was superb. The management here co-operated wonderfully in passing the buck, and there was some of the prettiest rushing the Lounger has ever seen.

But now that the Lounger has all that off his chest, he hopes that the Musical Clubs won't take the thing too much to heart. The affair was really a success in spite of the poor arrangements.

tors which have contributed to it, namely, the success of M. I. T. students in every field of Engineering and the ever increasing confidence of the community in the work which inside the walls of the Institute—and inside the student's skulls—is here realized.

Donations of every kind, remunerations for the Institute's research work and national services, in fact all the entrances which enable the Institute to confront Mr. Ford's remarkable figures, are due to the engineering success of M. I. T. as an educational institution. This success is measured by the community, chiefly, by the successfulness of the average graduated student, and the capacity of the student body in this direction is largely dependent on its mental grade. (Continued on Page 4)

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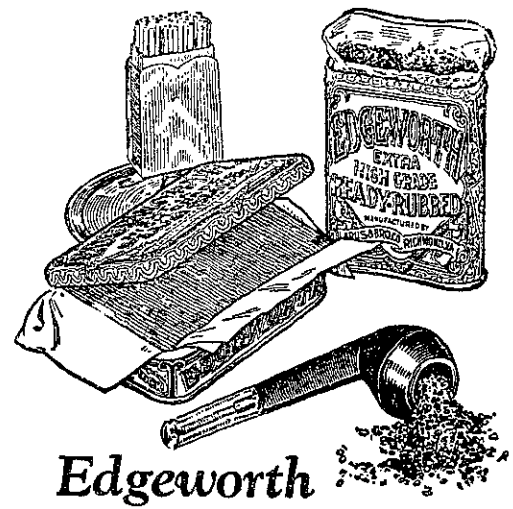
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BEAVER FIVE ENDS VICTORIOUS SEASON

The Sports Department of THE TECH wishes to correct an error printed in last Monday's issue. Marshall was stated to have lost his bout in the New Hampshire-Technology boxing meet on a foul, while, actually he was forced to forfeit for inability to compete.

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FRESHMEN FAVORED IN CLASS WRESTLING

Hangar Gym will be the scene of the Interclass wrestling meet to be held this afternoon at three o'clock. Twenty men have signified their intention of competing, of which the greatest number are freshmen. This makes the frosh the big favorites and is another example of the first year men being "on their toes."

The contest is open to all students either as spectators or competitors and has become an annual event. Not as many men as usual are entered, but this should tend to eliminate any slow bouts.

The affair is arranged by the Wrestling Management and is run under their auspices, with A. A. Archibald in charge.

TENNIS TEAM

Mass meeting of Varsity and freshman candidates for Technology Tennis Teams, Monday, March 21, room 10-275.

Teamwork Is Feature of Entire Year—Hinck and Estes Stars on Defence

Another season has passed in Institute basketball, and for the first time in several years the Cardinal and Gray court team came through with a winning record. Henry P. McCarthy was coach of the Varsity five, and Ernest C. Hinck '27 held the captaincy, with the managerial duties being taken care of by Gilbert Ackerman '28. Out of the twelve games played during the season, the Engineer quintet was able to chalk up eight games on the right side of the ledger while the remaining four games resulted in defeats for the Institute five.

Considering the playing of the Cardinal and Gray five all through the season, one feature stood out more than any one thing, and that is the team work that Coach McCarthy drilled into his squad. In none of the games played all season was the Cardinal and Gray five shaded in regards to teamwork. Considering the fact that the present Varsity five was made up of only two veterans as a nucleus, no small amount of credit can be given to Coach McCarthy for rounding out a team in such a short period of time.

In taking the individual players into consideration, it is no ordinary task to analyze the relative merits of each player, as very seldom did any one player stand out. The majority of the floor baskets made were scored from under the basket and very seldom were shots cast from beyond quarter court. This resulted from the quick short accurate passes that Coach McCarthy drilled into the team all season.

Hinck A Capable Leader

Captain Ernie Hinck proved to be a capable leader, well liked by his team mates. No matter whether the team was winning or losing, the tall rangy leader was in the game for all he was worth, and his encouragement to his fellow players proved to be a big factor in the outcome of every game.

Captain Hinck played running guard and he not only checked his man well in every game but he also was the outstanding player on the offense, as his deadly eye for the basket accounted for thirty-three field goals in twelve games, or an average of almost three baskets a game. Hinck is without doubt one of the best running guards in intercollegiate basketball today.

As a running mate to Captain Hinck we find Norman Estes at the other guard position. Estes played the entire season at stationary guard, and in every game he was also a star. During the entire season Estes playing in the back court broke up pass after pass from his opponents, and in this line he excels. Estes has played his second year on the Varsity, being shifted from forward, where he played last season, to guard, where he is at the present time. A year ago Coach McCarthy was lacking in forward material, and developed Estes for the position, where he was stationed all last season. This season with a wealth of point scoring material, Estes was shifted to a guard position, where he played like a champion all year, and was sure death to any opponent who advanced within his range with the ball. In Captain Hinck and Estes the Institute was possessor of two of the finest defense men in collegiate basketball today, and their names deserve mention in any all Eastern selection of college teams.

Three Sophomores Play

The remainder of the team consisted of Sophomores, and for the first year of Varsity playing the trio did exceptionally well. Carleton Allen and Bernard Brockelman at forwards played their parts well. Both has a thorough knowledge of the court game and are well finished in the art of caging the ball. The other new member of the team is the elongated Norman McClintock, who was stationed at the tip-off position. McClintock's height gave the Engineers an advantage at the tip off and very seldom was he out-jumped by any of his opponent centers.

Next season the Institute five is predicted to have a still better combination than this year, as four veterans will be gracing Varsity uniforms. Estes will be the oldest member of the team next season, making his third, and will be the probable captain, as none is elected as yet.

Taking the games played during the season into consideration, the Engineer five won all three of their games before the Christmas holidays. In the opening game of the season the Cardinal and Gray team won from New Bedford Textile by a score of 27-13, in which the local team had little difficulty in winning. The following week Coach McCarthy's five played Northeastern in the latter's gym in Boston, and defeated the Red and Black by a

score of 18-17. A week later the Engineers were back on the Hangar gym and defeated Dartmouth by a 18-17 score before an overflowing crowd. The Cardinal and Gray five were at the height of their glory and played a first rate game. Coupled with their dazzling pass-work and close checking, the Dartmouth points were nearly all made from mid-court.

Holidays Bring Jinx

After the Holidays the Engineers lost their first game of the season, being unable to shake the jinx that John Harvard held over them. The final score was Harvard 18, Technology 13. A week later the Institute team was on the winning track again, as they took Brown and Wesleyan by decisive victories. Next came the disastrous trip to New York, where the Institute team was able to win one game out of three. Pratt and Manhattan were the conquerors of the Cardinal and Gray, while Stevens was defeated by the Cambridge outfit.

Coming back on their home court, the Engineer took successive victories from Wesleyan and Clark, while the last game of the season resulted in a defeat by New Hampshire.

Basketball Schedule For Next Year

The tentative basketball schedule for next year as announced by the A. A. is as follows:

Dec. 10—Brown	Home
Dec. 14—Wesleyan	Home
Dec. 16—Dartmouth	Home
Feb. 15—West Point	Away
Feb. 22—Harvard	Away
Feb. 25—Tufts	Away
Mar. 4—New Hampshire	Home

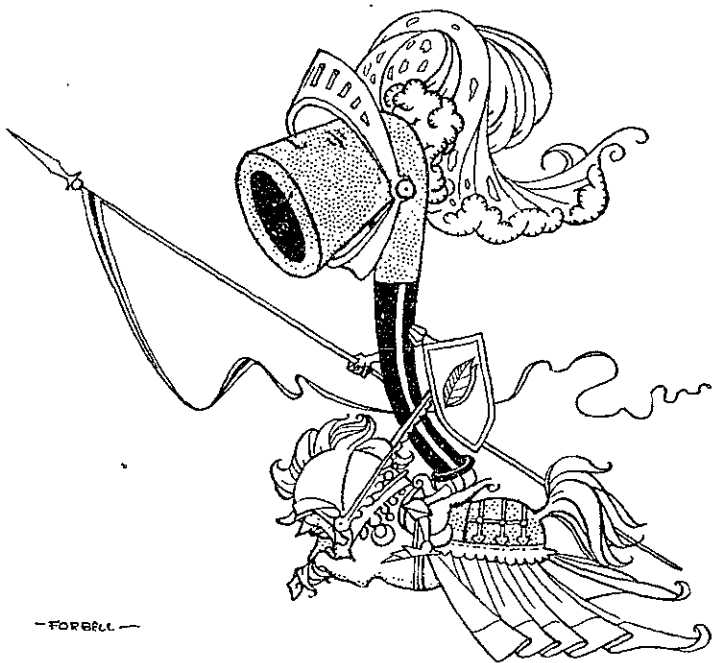
Gym Team Winds Up Schedule With Dartmouth Here

With the Dartmouth meet, the last of the season, only a few days off, the members of the gym team are going through their final workouts in an effort to make the best showing of the season. This meet will be held in the Walker Gym on Saturday evening at 8:00 o'clock and will afford the student body a chance to see the team in action.

As the squad has been performing on its road trips, it should show up very well when at home, since the men are all familiar with the apparatus. The entries will be the same as those in the former meets, Stephenson on the horizontal, Luck and Doloff in the tumbling, Burgess on the parallels and Cooper on the rings.

Coach Jack Pearson will help to make the program attractive by giving an exhibition series, and Assistant Coach McCoy, who was Intercollegiate champion in 1924, may also perform. This is the only home meet of the season and entries in the Intercollegiate will probably be based on the work in this meet.

Sir Joyous Pipe, Champion of fine tobacco...



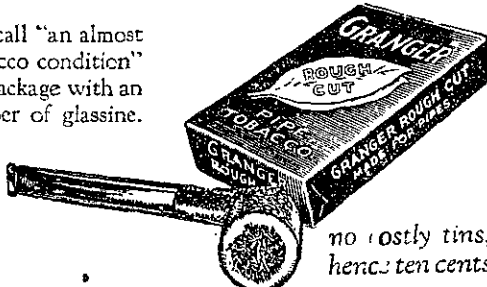
WHEN PIPEHOOD was first in flower, a gallant pipe, happily dubbed 'Sir Joyous', got on a high horse and fan-fared forth to fight for 'a tobacco of merit & economie.' For centuries a battle royal was waged... but now the fight is over! Sir Joyous returns with flying colors, TRIUMPHANT... heralding the news of his conquest!

On his shield is the victory insignia... the sign of the perfect pipe tobacco, the symbol of Granger Rough Cut! Such choice old Burley was never before known to man... Every leaf mellowed the famous Wellman way. And ROUGH CUT—specially for pipes! All pipedom proclaims Granger 'a tobacco of exceeding merit!'

As to its 'economie': The pocket-package is a new glassine-sealed foil-pouch (eliminating the costly tin) and so, Granger sells at a price never equalled on tobacco of such quality... Smoke to the health of Sir Joyous Pipe! Long live Sir Joyous!

GRANGER ROUGH CUT

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NICKERSON

THE HABERDASHER
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Thirty-six students who were expelled from the University of Minnesota recently for failing to attend compulsory military drill have decided to determine by court action the legality of compulsory drill at Minnesota and other land-grant colleges.

Dinosaur Tracks Found In Shale Of Connecticut

Six-Inch Prints of Prehistoric Reptile Are Discovered by Yale Professors

Tracks of a huge prehistoric dinosaur have been found recently, imprinted in a bed of sandstone and shale in the Connecticut River valley by Dr. Malcolm R. Thorpe, director of the Peabody Museum at Yale. Besides these, traces of a large number of fresh water fish were found by Professor Chester R. Longwell, also of Yale.

In speaking of the dinosaur, Dr. Longwell says that the prehistoric monster is quite frequently traced in the Connecticut valley, but never before have any evidences of it been found as far south as North Branford, where the new prints were revealed. Geologists still refer to this section of the country as the valley of the Connecticut, although the river bed is now located several miles to the east.

Evidently, this Connecticut dinosaur was not a dangerous reptile, as he roamed about on his hind legs and satisfied his appetite with certain species of plants, trees, and herbs. His tracks, which were six inches long, closely resembled those of a large bird, being divided into three sections. They show clearly the soft condition of the ground on which the animals wandered in the very early ages. What used to be mud is now hardened into sandstone and shale rock which has kept the imprints in almost a perfect state of preservation.

Professor Longwell, when he spoke of the traces of fish that had been found, told how the impressions were, on the average, about six inches in length, and were completely outlined in the rock. They were discovered at a lower level than the dinosaur tracks, in the dark, rather than the red materials. All the prints were of the fresh water species of fish which had probably inhabited the shallow lakes, or perhaps the streams of that section.

THE OPEN FORUM

(Continued from Page 2)

Now, it is worth while to consider what per cent of the success of M. I. T. as an Engineering School is attachable to the factor student's intelligence and if a relatively small increase in the incomes of the Institute is a paying proposition if it involves a possible displacement of the importance of the intelligence factor by the one of economical means, in the selection of students.

Turning back to Mr. Ford's figure, if we think of the loss which represents every student of the many which are "given the gate" every year, I am guided to believe more firmly that the policy of the Institute ought to be to diminish to a minimum the economical requirements and to increase proportionally the mental requirements for Tech students. This policy would decrease, it is true, the relatively small income due to the students tuition but should favor the actual per cent of graduation and guarantee for the future a greater achievement in honor as well as in economical means.

The Institute Diploma would be, with such a policy, an even more ideal and more attractive goal for the bright High school brains of decided engineering ambitions and a more difficult one for the parasites of costly and fashionable Colleges and Universities which so notoriously infest many high American institutions of learning.

Pure ideals as well as material considerations, from this point of view which we would like to be refuted if erroneous, seem to point out to this road.

Yours very gratefully,
A. J. S. '30.

Of the 3,500 students of the University of Iowa, the only two men who earned grades of "A" in all of their work last term were two students who are working their way through school.

Cancellation Of War Debts Topic For Debaters

Meet University of Vermont in Rogers Tonight—Hold Negative

As the first of four universities which the Debating Team will meet in the next two weeks, the representatives of the University of Vermont will be the guests of the Institute debaters in Room 12 of Rogers tonight at 8 o'clock.

Technology will take the negative of the question, "Resolved: That the United States Government Cancel Its Interallied War Debts," and will be represented by Ralph T. Jope '28, Bolick J. Shadrake '27, and Paul V. Keyser '29, with Solomon Horwitz '29 as alternate. L. A. Hince, C. H. Wedell, and E. C. Mower will set forth arguments for the affirmative.

Judges were announced late yesterday afternoon as Mr. James E. King, of the *Boston Transcript* editorial staff; Hon. Edward C. Johnson, 2nd, Attorney and Councilor at Law; and Professor Clarence P. Houston, Fletcher Professor of Law at Tufts. Professor Martin J. Shugrue of the Institute has consented to act as Chairman.

As in all debates thus far this season, the Modified Oxford system of debate will be used. As this is the Institute's first meeting with the University of Vermont, little is known of their strength.

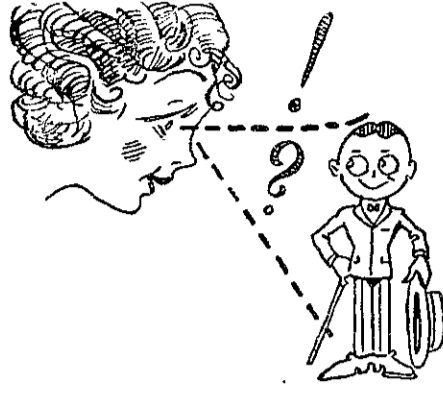
Will Meet Many Colleges

In a burst of activity, the debaters will travel to New York to meet New York University on Saturday, will oppose the University of Maine in Boston on March 24, and Fordham Univer-

sity in the same place the next day; the subject for all of these will be the same as that of tonight's debate. Middlebury College on April 11 has also been announced as an opponent.

In both debates which the team has had so far, the first with Boston College and the second with Bates College, they have lost the decision, the first by a vote of the judges which many thought unfair, and the second by a vote of the audience.

Students of the University of Oregon are skating to classes, to town, and even to dances. Approximately 700 pairs of skates were sold to them in one week.—Another result of the campaign against the college automobile.



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Nothing better to look at than our new Spring showing!

- New Spring suits—
- New Spring overcoats—
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NEW YORK BOSTON CHICAGO

Sir James Barrie Once Lunched On Four Cents a Day

College Men Now Spend Daily What Was Formerly a Year's Allowance

Sir James Barrie, the noted English author, once declared that his noon meal at the University of Edinburgh cost him only two pence, or about four cents a day. The distinguished Englishman would probably be astounded were he confronted with the modern student's weekly expenditures. In Barrie's undergraduate days, porridge, or bread and cheese cost about a farthing, and all other expenditures were on the same unbelievably low scale.

When the University College was first established at Oxford, the students, who lived in groups of four, were allowed 50 shillings or about \$12 for the year. This amount was supposed to cover room and board besides all other expenses, but as soon as the college received a sufficient endowment, rooms were given to the students.

It is estimated by University authorities that the average undergraduate spends about \$1,200 each academic year. Of course, the amount varies with the individual, and too, enterprising individuals are engaged in various activities to defray their expenses, thus lowering the average somewhat.

Comparing these figures with those of the old Oxford University, shows that students' upkeep has increased 1,000 per cent. However, the modern professor is much better off than his colleagues of previous years. The principal of Winchester College received a grand total of only 30 pounds or about \$150 yearly.

NOTICES

UNDERGRADUATE GYM TEAM

There will be a meeting of all men interested in Gym work in the Gym tomorrow at 5:00 o'clock. All those interested in going out for this year next year should be there, as there are opening on all pieces of apparatus and next year's plans will be discussed.

FRESHMAN LEADERS

There will be a meeting of the freshman section leaders in room 10-275 this afternoon at 5 o'clock.

HE WAS NEVER INVITED TO ANY PARTIES... UNTIL HE TOOK UP OLD GOLD CIGARETTES

1. Henry could not figure out why he was a social outcast. There was no trace of Halitosis in his family. And though he was no Collar Ad, he wasn't hard to look at.

2. Yet, whenever there was a Classy Affair in town, Henry was always on the outside, looking in. Even his best friends seemed to prefer his company over the telephone.

3. One day he overheard some Nice People referring to him as "Hacking Henry." At last, the truth struck home. They were giving him the "razzberry" because of his Constant Cough!

4. That very day Henry switched to OLD GOLD Cigarettes... and a miracle took place. Henry found a Smoke without a Choke; a cigarette that tickled his taste but not his throat.

5. Today, Henry is as welcome, everywhere, as a Visiting Prince; and as popular as a Movie Star. Since he lost his cough, he never gets "raspberries," excepting for breakfast.

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