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

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MAID TO ORDER

NATIONAL comment was aroused by an Institute professor some time ago when he advised members of the graduating class to "marry the boss' daughter" if they wished to act in their own interests.

From the undergraduate point of view both of these charges carry little weight. The seriousness of marriage has been discussed by a surfeit of self-appointed "benefactors of mankind" from Dorothy Dix to George Bernard Shaw.

Nevertheless, the very serious young man is here faced with a difficult decision, that is, if he intends to weigh conjugal matters carefully. Professor Rogers advocates marrying the employer's daughter, thus reasonably assuring a successful career in one's particular enterprise.

Confronted with two definite choices out of possible thousands, coming from the mouths of men whom we are inclined to regard as sensationalists doting on sudden publicity, few of us will consider either counsel seriously.

THE ROLLINS REMEDY

ACCORDING to statistics compiled by the Department of Mechanical Engineering, the average student pays approximately 53 cents for the privilege of attending class for one hour.

Students are not alone in attacking the prevalent type of college education. One of the most recent of the "educational experiments" which have attracted the attention of the country is that of Dr. Hamilton Holt of Rollins College.

Whether or not one agrees with Dr. Holt's diagnosis of the trouble, it must be admitted that the average student is out not to absorb as much knowledge as he can, but rather to escape the wiles of professors, weather the terrors of examinations, and finally to come by a degree with a minimum of labor and learning.

The secret of the success of such a system as this is to obtain the right type of professor. He must have qualities which make him not only a good scholar and scientist, but a man of human understanding as well.

Research Workers Use High Vacuum In Studying Atoms

Technology Possesses Largest Vacuum Spectrograph Ever Built

Behind the marked "No Passing Through" in the basement of Building 2 is a laboratory in which are now being conducted experiments requiring so high a vacuum that less than one part of air in ten million is left.

Pioneer Work Done at Harvard

Pioneer work on this subject was begun about twenty years ago by Professor Lyman of Harvard, under whom Professor Harrison has studied. Spectrographs only about three feet long were used, but in an attempt to separate the wave lengths further, a twenty-one foot tube has now been built.

The light used in these experiments is made by passing an electrical discharge of about thirty thousand volts between points made of the element whose atoms are being studied, such as titanium or vanadium.

Fluorescent Materials Studied

As the ordinary photographic plate is not sensitive to such short wave lengths, Professor Harrison is conducting research on the characteristics of different kinds of fluorescent substances which are used in coating the plates so that they will become more sensitive to the light.

This research is to be conducted in the new building as soon as it is completed.

THE OPEN FORUM

To the Editor of THE TECH: I wish to thank Mr. J. H. Coenen for bringing to my attention the existence of a group of men and perhaps one or two co-eds at the Institute who really appreciate good classical music.

The Musical Clubs admit that they do all Mr. Coenen says in building up the characters of the participating men and giving them an outlet for their abilities; it would not be a recognized activity at Technology if it did not accomplish this, but it does not stop there.

In spite of Mr. Coenen's suggestion, I would not compliment, by calling them "highbrows," those men who can get "aesthetic enjoyment" from Beethoven's Quartet, and yet find the selections on our Christmas Concert program by Bach, Tschalkowsky, and Rimsky-Korsakow a source of annoyance.

The clubs have always tried to give a program which would fill the wishes of their audiences, and the reception of the Christmas Concert proved that the wishes were fulfilled.

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The Tech Lists Ten Greatest News Events at Technology During 1930

Dr. Compton's Inauguration And Loan Fund Formation Most Important

The ten greatest news events of the past year which occurred at Technology have been selected by THE TECH after the fashion of the Associated Press selection of world events.

Listed chronologically, the first is the approval of plans of a "bigger and better" Walker Memorial Building. Additions to the present structure in the form of east and west wings were approved by both the students and faculty members.

The election of Dr. Stratton to Corporation Chairman and appointment of Dr. Compton to his present post as President of the Institute comes next. This arrangement was suggested by Dr. Stratton and approved by the Board.

The breaking of the ground for the new dormitory units followed a short time after and gave another chance for big headlines. The building consists of three connected dormitory units and is the second wing of a proposed quadrangle.

Held Prohibition Straw Vote

The results of a straw vote on prohibition were announced on the same day as the last mentioned event. Students were strongly in favor of modification, although some did prefer enforcement.

An undefeated season in rowing by the Junior Varsity crew, which finished its schedule with a sensational victory in the quadrangular regatta, drew no small amount of attention from Technology students and all crew fans in the East.

Two of the really big days of the year were those of the Five-Year Reunion of alumni. About 2,000 former students from all parts of the globe were present. The dinners held for all the classes, those held by the fraternities, an outing at Swampscott, and an open house at the Institute, were outstanding events of this celebration.

Among other events in this reunion there was one which was a great news feature in itself. This was the inauguration of Dr. Compton. More than 4,000 guests witnessed the colorful ceremony.

The official delegates included representatives of the ranking colleges of the country and abroad, high army and navy officers, and officials of the state and city governments of Boston and Cambridge.

Seventh in the list comes the announcement that a fund is available for loans to worthy Technology students. Great interest was aroused by this, for it offered relief to many under the strain of paying for their education by means of allowing funds to be borrowed at a rate of interest which would facilitate repayment after graduation.

Regatta Results Surprise

Then came the Poughkeepsie Regatta, late in June. The Institute crew finished third after a hard try for

first place. It was the Cornell crew, however, that took that position. The crew received national commendation for their excellent rowing in this race.

When it was announced that three new buildings, devoted to Physics, Spectroscopy, and Cryogenics, respectively, were to be added to Technology's present plant, not only the Institute, but also the scientific world at large became interested, for two of these buildings were to be of a unique nature.

The cumulative method of scholastic rating is the last big feature. Concerning this THE TECH may be quoted as follows:

"This system, the result of three years of study and experiment, affords a measure of a student's scholastic accomplishments, shows how that accomplishment compares with the minimum requirements of the Institute, and what a student must do in the future to maintain good academic standing."

Traveling under the name of Peter Busch of the Princeton Germanic Society, a swindler has succeeded in gaining numerous sums of money from Princeton alumni throughout the country.

Last year there were more college students in the United States than in all the rest of the world combined. There were 1,237,000 students enrolled in colleges and universities in this country.

"Professors should endeavor to make their students wise; students should do all they can to keep their professors young," said a professor in an address to the sophs at McGill university.

A roadhouse near Colorado University has arranged for students to ride in taxis free of charge to dances held there. Just another example of big business methods.

A surprising portion of young men today are actually incapable of growing mustaches. The admission is deplorable and sinister.—Stephen Langton.

A copy of the second folio Shakespeare, printed in 1632, has been sold in London for £400.

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