PROGRESS OF INDUSTRIAL EDUCATION IN INDIA

C. C. Churchill '99 Tells About Weaving and Irrigation Work Before the G. E. Soc.

Over a hundred men from the Departments of Civil and Mechanical Engineering heard Mr. D. C. Church- 

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THE TECH

Published daily, except Sunday, during the college year by students at the Massachusetts Institute of Technology.


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THURSDAY, NOVEMBER 3, 1910

Among the alumni of the Institute, we are proud to say, are men who stand at the very head of their professions, men who have developed their ability to the very highest point of efficiency. There are now at the Institute men of the same caliber, future leaders in the lines of engineering and research. These leaders recognize in their work here at the Institute the best opportunity for fitting themselves for lives of service. Strange as it may seem, there are others who appear to consider the four years at the Institute an object in itself rather than preparation for future usefulness. To these students let us quote a part of the Matriculation Address, delivered this Fall by Secretary Anson Phelps Stokes of Yale University. His advice applies as well to our own students as to those to whom it was directly addressed.

"The greatest hindrance to making the best use of a University course is a false sense of proportion. I can put the thing in a nutshell by saying that if the members of the Freshman class were today given the choice between a Yale "Y" or the key of Phi Beta Kappa, or of Sigma Xi, the majority would be likely to choose the honors, while five years hence they would probably vote overwhelmingly the other way. This merely means that looking back from the standpoint of greater maturity, the value of scholarship is seen in right proportion. The secretary of my own class made a careful study ten years after graduation of our opinions regarding the emphasis in undergraduate life. It was pathetic to see the depth of the regret of most of the men that they had not sooner appreciated the advantage of hard intellectual work as a basis for future service. I beg you this morning to view things in right perspective, realizing that a perverted sense of proportion in the cause of most college failures and tragedies."

"It makes a man willing to indulge in the sensual pleasures of the moment—forgetting the regret of every decent man for sin committed. "It makes a man willing to neglect his studies—forgetting that he is throwing away a chance to fit himself for life's work which can never be repeated. "It makes a man willing to stoop to unworthy practices to secure temporary popularity—forgetting that the enduring respect of classmates for honest dependent worth is more to be desired than all social honors put together."

"It makes a man prefer the conventional good-fellowship—often a mistake—of a few men of similar tastes and appetites to broad friendships based on character and ability."

"It makes a man content with the easy attitude of the persistent and the sly—instead of seeing that these must be passing phrases in the onrushing world of evolution which is not satisfied, with anything short of the Christian's faith.

"Yes, a false sense of proportion is the bane of the undergraduate, largely responsible for sin, and laziness, and lack of independence, and shamelessness, and the attitude of carping criticism wherever these appear, and they are to be abhorred. They are not in keeping with the main tradition of Yale, which has stood for purity, work, independence, and resolute faith for training well balanced, four-square men."

"I cannot urge you too strongly to get right standards at the outset of your course."

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develop them along the lines that were for Bullock carts. For two years his try. He accordingly set about developing the implement for weaving, and began the manufacture of wheels hence no "grant of aid" was forth-coming. At the end of that time Mr. Churchill proved that his methods were the correct ones, and so the grant was renewed.

Weaving in India is carried on by eight million hand looms and a number of large factories. They use the cloth around their bodies. They native do not cut or sew the material, because the folds hide any ends of the cloth are finished than the use of cotton. Great success in his work. Great figures or "Adaptation" has been the county. "Adaptation" has been the increase of the yield of the sugar cane.

Irrigation is another subject of great interest to the people of India. In the Bombay Presidency there is one system that supplies water to two sections of ground constant, despite any amount of water delivered to any piece of ground. A meter is to be installed as soon as a suitable meter is put upon the market. A story is also wanted which will make the amount of water delivered to any piece of ground constant, despite any change of the height of the water in the canal.

Mr. Churchill believes that if one system is made up with the help of the engineers, he must be able to adapt himself to the customs and environment of the country. "Adaptation" has been the simple rule that has guided him in his great success in his work. Great applause followed the talk at this meeting of the society the applications of about fifty men for membership were offered, and the secretary was instructed to cast one vote granting their petitions. Vice-President Finucane presided at the meeting.

(Continued from Page 1.)

(Continued from Page 1.)

SECRETARY.

P. H. Taylor,
A. T. Wyman,
P. A. Russell,
Jennie,
L. F. Hamilton,
W. H. Monnish,
P. B. Owen.

Institute Committee. (Two to be Elected.)

B. W. Merrick,
H. G. Matthews,
Maurice Pautx,
P. W. Skolc,
A. E. Streeter,
R. V. Townsend,
A. H. Warrt.

Executive Committee. (Two to be Elected.)

H. L. Stone,
H. A. Mayer,
A. G. C. E. Jr.,
W. H. Price.

Athletic Association. (Five to be Elected.)

L. W. Burnham,
T. L. Chaoé,
C. E. Fox,
T. H. Guisinger,
A. F. Nye,
G. W. White,
D. C. Hoyt,
J. R. Roberts.

FIRST YEAR.

Wednesday evening, November 9, at 87-1/2 Clarence St., Boston, Mass.

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ALL MEN sharing pictures of the Cosmopolitan Club should leave notes in Box 36, at the Cage.

SECOND YEAR. November 5, 1910.

The first lecture in Applied Mechanics will be given on November 6th at 10 o'clock, in Room 21, Eng. B, and continue according to the Tabular View.

WALTER HUMPHREYS, Registrar.

ART MUSEUM.

Free tickets of admission to the Museum of Arts for the year 1910-1911 will be issued to students upon application at the ticket office at the entrance to the Museum.

H. B. STORY, Curator.

THIRD YEAR.

Course X.

November 5, 1910.

Any man in the Institute who has ever done any reading or entertaining of any kind, who would like to join the Musical Club as a "Reader," please see W. L. Belzard or H. K. Frankham, managers, at once, and obtain particulars.

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The Tech, Boston, Mass., November 3, 1910

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A Beautiful, Handsome Play of American Life.

Arthur Thayer

The Whitney Opera Co. in "The American Home"

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