**TECH UNION DINING ROOM.**
The attention of students is directed to the list of **COMBINATION BREAKFASTS** and to the attractive **SUPPERS**
Served at the Union
N. E.—The use of a book gives a 10% discount on the already low prices.

**JANUARY SALE**
Kodaks and Cameras at greatly reduced prices. These goods are slightly shop-worn, but in perfect condition.

**COME EARLY**
E. F. MAHADY COMPANY
OPTICAL & PHOTOGRAPHIC SUPPLIES.

**INSTITUTE ACQUIRES BALDWIN LIBRARY**
Old Books of Loammi Baldwin On Civil and Mechanical Engineering.

A very important acquisition by the Library of the Institute is the Baldwin Engineering Library, which has been deposited with the Institute by the Woburn Public Library. The Baldwin Library has rare value in addition to its intrinsic value. There are among them volumes that belonged to the original Loammi Baldwin of Woburn, "the father of Civil Engineering in America," a schoolmate of Count Rumford, and a friend of George Washington. The original Baldwin was related to every engineering project of consequence in the country.

Loammi, his son, who carried on his father's great works, was the engineer of the Milldam in Boston, and of the great Union Canal in Pennsylvania, and he was the authority delegated by Massachusetts to report on the possibility of a canal from Boston to the Hudson, in connection with which the idea of piercing the Hoosac Mountains with a tunnel was first broached. It was to be a tunnel for the canal, for railways had not been started at that date. The younger Loammi was consulted on the building of dry docks at Charlestown and Norfolk, and was foremost adviser on the Bunker Hill Monument. In a journey to Europe he began the collection of books by obtaining all the engineering and scientific books available in 1825. Two brothers, James F. and George R., added to the library.

The library came by inheritance to Mrs. C. R. Griffin, daughter of George H. Baldwin, who, mindful of the danger to the collection from a fire in the same house, presented it to the Woburn Public Library. The gift was on the most liberal terms: the books were to be kept together as one collection, they were to be accessible to all inhabitants of Woburn, they were to have no lettering on the title page other than that of the original owner placed there, the Baldwin arms were to be used for the book plate and in case the Woburn Library was ever given up the library was to become the property of the institute.

It seemed to Mr. Evans, librarian at Woburn, that the best interests of the library would be served by depositing the collection with Technology—the more so since the owners had felt so friendly to the school. The present arrangement was therefore made, the library remaining the property of the Woburn institution, but in the custody of Technology, which looks after its cataloguing and care and places the volumes at the service of the students. Woburn at the same time reserves for itself the right always to have free use of the library.

The Baldwin Library is a collection of approximately 2200 volumes in all languages, representing the limited editions of olden times. It is now (Continued on Page Five)

**STUDENT ENGINEERS MAKING PLANT TEST**
Annual Boiler Efficiency And Fuel Consumption Test Of M. I. T. Plant.

Monday morning the annual boiler and turbine tests started in full sway. This "plant test" lasts until Saturday morning at eight o'clock, and is carried on by members of Courses Six, Ten and Thirteen. During that time the men will work in eight-hour shifts, which will be from 8 a.m. to 4 p.m., 4 p.m. to midnight, and midnight to 8 a.m.

Each man has his own particular station, and performs the duties of this post and no other. Readings are taken from which will be calculated the efficiency of the plant as well as the consumption of fuel and the energy lost in the several divisions of the plant.

Stations have been established for taking the temperature of the feed water and outside air, as well as for taking the boiler and vacuum pressures, taking samples of the flue gas, and analyzing the gas. Indicator cards are frequently taken for the separate engine tests, the condenser water weighed and the losses calculated. The customary ammeter, wattmeter, and counter readings are taken only once taken in the electrical tests.

Hot coffee is brought from the Union to the engine rooms to cheer the workers during the long night hours.

The groups working are as follows:


Group 2: Bauer, Belcher, Best, Bidwell, Blodgett, Boynton.


Group 4: Caine, Camplin, Coldwell, Cole, Coleman, Conover, Curtis.

Group 5: D. Leech, Dickens, Pizorno, Eddy, Field, Fogarty.


Group 7: Hewitt, Jacobs, Kahn, Kaufman, Kennedy, King.

Group 8: Kramer, Lacy, Landers, Lajo, Lassoff, Leduc.

Group 9: Little, Loveland, Lowenberg, Lucay, Mack, Schwartz, Moody, Mun, Marion, Miller, Monyan, Neal, Yuan.

Group 10: Stetson, Nelson, Lamb, North, Noon, O'Leary.

Group 11: Rosenthal, Place, Pollard, Ramsey, Rooney, Russell.


Group 14: Vasson, Wellman, Williams, Elliott, Worthington, Wetzel, Spear.

**FACULTY NOTICE.**
Third year Physics Heat problems will be returned in the basement of Walker Building for our work grading Jan. 6th.

Professor C. L. NORTON.