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**SUBJECTS OF THESES**  
**Naval Architects are Working Along Original Lines**

Thesis work in the Naval Architectural Department is progressing rapidly. Three of the six seniors are working on some phase of turbine construction, one is designing a car-float, and the other two are devoted to yacht design. The work of H. T. Shen is particularly interesting as nothing like it has ever been attempted by the students of this course before, and nothing has been pub-

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lished on the subject as yet. The title is "An investigation of the leakage through labyrinth packing in a steam-turbine." Experiments will be made with the turbine stationary and running. A novel method will be employed to determine the pressure of the steam in the machine, from which the leakage can be calculated. This will be done by inserting a number of thermal-electric couples into the clearance, thus finding the temperature, from which the pressure, and hence the leakage, can be determined.

- Other theses are:—  
 X. R. Smith—Adaptation of Mr. Taylor's experiments to the design of Turbine Propellers.  
 D. F. Harriman—Design of a 220-foot water-line yacht, driven by Internal Combustion Engines.  
 A. C. Besselievre—Design for a steel Car-float.  
 V. Masjoan—Investigation of the relative strength of different types of longitudinal construction.  
 K. T. Blood—Calibration of the Denny & Johnson Torsionmeter.  
 Professor Walter S. Leland, assistant professor of Naval Architecture at the Institute, lectured before the Boston Young Men's Christian Union last Saturday evening. Prof. Leland's subject was "The Building of a Modern Steamship," and was illustrated by many interesting and instructive stereopticon slides.

**NOTICES**

WANTED.—Thorp's Outline of Industrial Chemistry. Address R. E. D. Room 55 Pierce.

A PAIR OF SEALSKIN GLOVES have been found and left at the Bursar's office.

TECH PRESS ASSOCIATION.—Meeting at 1 P. M. tomorrow in Room A, Union.

GYM MEET.—Tech vs. Amherst at the Gym Tuesday, Mar. 16. Tech's first intercollegiate meet.

1910 CLASS DINNER.—March 1, 6.30 P. M. at the Union. Tickets 75 cents.

MUSICAL CLUBS.—Concert at Quincy tonight. Train leaves South Station at 7.25. Meet at 7.15.

BIBLE CLASS.—Tomorrow (Thursday) in Union at 6.15 P. M. Meeting of Bible Class, led by Mr. Albert A. Stockdale. Everybody welcome.

HARE AND HOUNDS:—There will be a hare and hound run Saturday at Hyde Park, where the men will have the use of the shower baths and swimming tank. This run will not be postponed for anything short of a blizzard. Coach Kanaly wants to see a large squad out. Stephenson and Billings will lay a short easy trail of about 4 miles. The squad will leave Back Bay station at 2.19 P. M. Round trip fare is 25 cents.

WEIGHT SQUAD:—All candidates for the weight events on the track team will practice regularly on Tuesdays and Thursdays in the lot in front of the Lowell building at 4.15 P. M. Coach Kanaly will be on the spot at this time and place. There are chances for a number of new men in this department. No uniform other than school clothes is necessary.

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