INDIA TAKEN UP AT DISCUSSION GROUP

Dr. Strong And Mr. Basu Spakk On Engineering Conditions And Difficulties.

Yesterday at the meeting of the Students Discussion Group for the study of foreign engineering affairs, Dr. Strong, who has recently returned from an investigation trip to India, and Mr. K. C. Basu, a graduate of the Presidency College of Calcutta and a student at the institute, spoke on conditions in India. Dr. Strong considered the industries in India underdeveloped and the opportunities for such very meagre. About 65 percent of the population is engaged in agriculture for a living, but there is only one agricultural school in the country. This has an attendance of only eleven students which, considering that India has a population of 335,000,000, is very small. Irrigation is naturally being taken up and also rotation of crops and dry farming are predicted to be of small extent. The next most important industry is cotton weaving. Cotton is one of the staple products of India and, since it is the standard article of clothing for both men and women, its production is very necessary to the country. India exports raw cotton to England and imports cotton cloth. There are a few modern factories in India, however, with modern American and English machinery, but the people are very poor workers and do not keep up the same regularity and attention that American operators do. It was in this connection that Mr. D. C. Churchill, '99, did the great work for the Indian people. Most of the cotton weaving is done in the homes by the women in their spare moments and it was formerly a very slow process. Mr. Churchill invented improvements to their hand loom which enables the output of cloth to be tripled. The British Government took up the perfected loom and now it is the staple article placed on sale throughout India. There are only 25,000 miles of railroads in the country and the fact that we have over ten times as much and our area is only a little more than that of India, shows that it is very much behind the times in that respect. Dr. Strong considered that the so-called "caste system" has much to do with the hindrance of industry. A man may be a trained mechanic or tradesman but because of the fact that he belongs to a certain caste prevents him from working outside it and so hinders him in getting along.

Mr. Basu next spoke. Improvements on the Presidency College of Calcutta. He told how the whole work for the student, from the time he entered school until he graduated, was designated by the head of the school, who was also the vicerey of Bengal. He also told how the studies, degrees and occupations of the graduates of this University.

Next week Mr. Brewer Edles will speak on Turkey. He has written a book about this country and has a set of lantern slides which will be shown. One of the Institute feature rooms will probably be obtained for this meeting and it will be made METAL YACHT FREE FROM CORROSION

Polished Underwater Surface Is To Replace Paint.

The use of a material in the building of pleasure yachts which does not corrode, which does not have to be painted, and which requires little or no attention, is something entirely new in the science of shipbuilding. A metal which is mined in the ore Lake Superior Region has been found that fulfills these conditions. It is known as Monel Metal and is an alloy of nickel and copper roughed in the proportions 3 to 1.

The underwater surface of the "Sea Call," which is the name of Mr. Cochrane's yacht, will be of Monel metal, and will be given a high polish. This avoids the use of paint and gives a low skin resistance. The portion of the boat above the waterline is to be of Chromium-Vanadium steel, having a breaking strength of about 120,000 pounds. The deck houses and deck fittings will be of Monel metal.

The "Sea Call" is a three-masted schooner 210 feet long, equipped with a 500-horsepower auxiliary and a feathering propeller. She will probably be launched some time in May. Professor Liverett recently conducted the Junior Class in the Course of Naval Architecture on a trip for the inspection of the structural details of the yacht.

INSTITUTE COMMITTEE

Revision To Class Constitutions Brought Up.

The Institute Committee met yesterday at five o'clock in 8 Engineering C. The committee on the revision of the uniform class constitution reported. The committee wants suggestions from The Tech from students regarding changes which might be made concerning the meetings and regulations pertaining to the general elections in October each year. Some dissatisfaction was expressed, and the committee wants an ideal election next year.

A final draft of a reply which is being framed in the Manchester Municipal School of Technology was considered. Upon completion it will be framed in the trophy case of the Union a few days before it is sent across the water.

C. A. Finlow was absent.

It is an affair of more than just packing for your vacation. It is an affair of more than just packing for your vacation.