

# JOURNAL

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## Editorial

### **Bombing from Aircraft—**

The recent notification regarding lighting restrictions must have brought home to everyone in the urban districts of India the imminent danger from bombing by aircraft. In Europe not only the danger but the actual consequences and suffering from it are only too well known. It has been realised that the most effective method of protection against bombing by enemy aircraft is to have recourse to bombing itself to destroy the very aircraft and the aerodrome bases from which they operate. For this purpose it is necessary to have a knowledge of the methods by which accurate bombing can be carried out and so we present on another page a collection of notes on this subject.

### **Wood for Air-craft—**

An official investigation into the suitability of available Indian Woods for Air-craft is now in progress. We expect happy results will be obtained.

**Plumbing—**

Plumbing for dwelling houses is an important matter that has not received the attention it deserves, probably because of its comparatively recent origin which is not blessed by the sanctity of Ancient Architecture.

It is in practice an essential element of modern Architecture, though in its literature the subject is seldom given a place.

Attention to this matter is drawn in an article on another page of this issue, and though the article is written by a student member, we recommend it as worthy of notice. A suggestion is made for the alteration of certain existing laws, and though we are not in favour of any such additions to the existing system as might tend to delay procedure of construction, yet we would like to have a way of ensuring the lay out and arrangement of piping for dwelling houses in a manner that would improve the sanitation of dwelling houses in general.

Discussion on the proposed methods is desirable to evolve the least inconvenient way of dealing effectively with the matter.

**The Sugar Cane Mill—**

The history of the evolution of the Sugar Cane Roll Mill shows that its origin was in India. An interesting survey of its development will be found in another page of this issue.

**Radio Engineering—**

The development of wireless telegraphy, telephony and television are achievements of the utmost importance to the establishment of communication between human beings separated by the geographical boundaries of this globe.

Their use has been most popularly felt in the entertainments provided by the Broadcasting Companies. But they

have also a wider utility, that is not generally known, in the aid they provide to Navigation at sea and in air. We would also point to their possible utility towards enlightenment of the widely scattered villages of India.

### **Shipbuilding in India—**

Since we have gone into press the news has arrived of the laying of the foundation Stone of an Indian shipbuilding yard, established by the Scindia Steam Navigation Co. Ltd., at Vizagapatam. The event is of utmost importance to the History of Shipbuilding in India; and the project, if it is not hampered by political handicaps, will be of the greatest aid to Indian Trade and Industry.

A shipbuilding yard is the centre of assembly of a large number of finished goods and provides a market for a wide variety of manufactures.

The number of sub-contracts attendant on the order of a single vessel affords employment for a vast amount of labour outside the shipbuilding yard itself—especially in the Steel Rolling mills and foundries, the machinery builders and furniture dealers. We wish the project every success.