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Editorial Notes

Technical Education & Training :

It is gratifying to note that the Publication in our last issue of the paper by our secretary, Shri A. Deb on "Standardisation of Engineering Education in India," read before the 48th Session of the Indian Science Congress at Roorkee has been found so helpful and met with such appreciation of the Planning Commission that he has been furnished with a copy of the "Report of the Working Group on Technical Education and Vocational Training—Government of India, Planning Commission, April, 1960" for comment and further suggestions.

This report which deserves careful study contains a vast amount of factual matter in tabular form giving both existing state of affairs and future requirements regarding technical education and training facilities in India; and indicates an enormous amount of labour expended in collection of information and preparation of the report. Before any policy based on this report is finalized it seems necessary to collect still more particulars which have not been as yet included in the report.

An important matter for consideration is the establishment of an organisation which will co-ordinate the diverse schemes of various ministries and authorities each of which at present sends candidates separately to the same Institutions for training and/or education. Without such co-ordination it is difficult to maintain, without offending priorities, a proper ratio between workers and trainees, teachers and students. This lack of co-ordination is at present affecting adversely the efficiency of Technical Education and Training and requires the serious consideration of all connected with planning.

Suri Transmission :

We are happy to have for publication in this issue an article on the "Suri Transmission" generously supplied to us by the renowned inventor, Shri M. M. Suri, Jt. Director (Diesels) of the Research Design & Standardisation Organisation of the Government of India Ministry of Railways. The principles of this system of Transmission whose merits have been publicly acclaimed have hitherto been surrounded by a shroud of mystery for reasons now disclosed in the article, which will be found of great interest.

Stress Strain Relations in Engineering Materials :

A paper on this subject was read before the Association of Engineers on 28-2-61 by Shri B. Karunes, D.Phil., Bsc. (Glas.), Prof. of Applied Mechanics at the Calcutta University Science College. The paper gives an analysis of the stress strain curve that reveals features hitherto unrealised and enables proper understanding of the limit of proportionality and the elastic and plastic ranges.

Obituary :

It is with a heavy heart we publish this obituary note from Sri. S. N. Bandopadhyaya, B.Sc. (Glas.) Chief Eng. Construction Board, Govt. of West Bengal :

IN MEMORIAM

It is with great regret that we announce the death of Professor G. W. O. Howe of the Glasgow University. It is a truism that human beings are not immortal and some day we have to accept their exit from this world. It is also a truism that such occurrences are commonplace. Yet, in the context of human civilisation we come in contact with men who leave a permanent stamp in our mind, by their work, by their many virtues and mostly by their supreme understanding of humanity and when our earthly contact with such men ceases, we feel a void and an utter helplessness in the severance even though we know that such a thing must occur.

It is not given to every man to induce such feelings in all fellow men. But such a man was Dr. Howe. It is impossible to have known him and to have come in contact with him without remembering him always not only as a man of great erudition and achievements but also as a man very near and dear to our hearts and our minds. He expressed that essential virtue of combining deep knowledge with deep understanding which is the basic philosophy of humanism. Such men proclaim the fundamental unity of mankind and the fundamental process of human evolution. It is a certainty that those who had the privilege of coming in contact with him have been left richer by the experience. We who have known him bow today to the inescapable separation with that feeling of joy and gratitude that some day, some time the pleasure was given to us of having known him and having come in contact with him.

Dr. Howe was an Honorary Member of this Association. It seems like the other day when he delivered a lecture at our Association in 1938 when he came to Calcutta to attend the session of the Indian Science Congress.

His works and achievements as a Professor of Electrical Engineering are too wellknown to require mention.