

RAJYA SABHA

Friday, the 13th May, 1966/the 23rd Vaisakha 1888 (Saka) The House met at eleven of the clock, MR. CHAIRMAN in the Chair.

ORAL ANSWERS TO QUESTIONS

GET-TOGETHER OF RESEARCH AND INDUSTRY HELD IN DECEMBER, 1965

*220. DR. SHRIMATI PHULRENU GUHA: Will the Minister of EDUCATION be pleased to state:

(a) whether it is a fact that the-Get-Together on Research and Industry held in December 1965 formulated a number of recommendations; and

(b) if so, what action has been taken to implement these recommendations?

THE MINISTER OF EDUCATION (SHRI M. C. CHAGLA): (a) Yes Sir.

(b) The recommendations of general and technical nature have been referred to the respective Ministries and Institutions for scrutiny and implementation. For implementing high priority national research projects, details have been invited for studying financial implications and assessing the extent of additional resources required outside the available budgets.

DR. SHRIMATI PHULRENU GUHA: May I know how many results of researches, are used by industry now, how much foreign exchange could be saved, how much food production could be improved, how much food could be preserved, as certain vegetables and fruits are in abundance in certain seasons in our country?

SHRI M. C. CHAGLA: Sir, if I might answer the second question first, we have the Food Research Laboratory in Mysore and we have been making constant research. We have come to the conclusion that a large percentage of the food grown by us is wasted due to various reasons. Part of it is destroyed in the field itself because of insects and pests. Then the farmer stores it himself and part of it is destroyed due to bad storage. Then the farmer sends it to the middleman in the town. There again it is destroyed, part of it. Therefore, we are doing research so as to prevent this wastage and our conclusion is that if we could save all this wastage, we will have more than enough food in our country. But the question is how to destroy these 54RS/66

pests, how to have better storage, how to teach the farmer. We are also having extension services to teach the farmers. May be just ordinary spraying may be enough.

As for the second part of the question, I have not got the figures as to how many of our research projects are being actually used in industry today. The question deals with the Conference that was held and we have drawn up a large number of projects which can be taken up by industry to achieve the four targets we have kept in mind. The first is defence, the second is food, the third is export implementation and the fourth is import substitution.

DR. SHRIMATI PHULRENU GUHA: May I know whether it is a fact that always there is a cement factory as by-product along with steel plants in other advanced countries of the world, and also whether it is a fact that successful research on cement as by-product of steel plants was done under the research scheme of C.S.I.R. a few years back? May I know why a cement factory is not established along with the recent steel plant in India and may I know whether the Government has any plan to establish cement factory along with each future steel plant and, if not, is it because of the pressure of some big cement industrialists?

SHRI M. C. CHAGLA: Well, Sir, the C.S.I.R. does not exist to set up factories. The function of the C.S.I.R. or its laboratories is to do research or prepare pilot plans and interest industrialists to take up these pilot plans and use indigenous technology and set up factories. Now, there is a scheme which has not yet come to fruition about setting up a pilot plant for the production of cement in Orissa, in our laboratory in Jorhat. But we cannot set up factories; that is for our industrialists. Our business is to tell them "Do not import technology from outside; we have enough indigenous technology; use our indigenous technology and set up factories."

DR. SHRIMATI PHULRENU GUHA: We know that scheme of the C.S.I.R. But I would like to know whether the result of the research is used by industry or used by the Government of India particularly, along with the steel plant?

SHRI M. C. CHAGLA: Well, Sir, I am not in a position to answer that question. If I get notice, I will let her know.

SHRI ARJUN ARORA: May I know if it is not a fact that the emphasis in this Get-Together was on import substitution and may I also know if as a result of too much talk of American aid the emphasis on import substitution is much less than it was at this Get-Together?

SHRI M. C. CHAGLA: No, Sir. The emphasis on import substitution will never be less. I hope it will always increase and grow, whatever aid we may get from which-ever country.

SHRI M. M. DHARIA: Is it a fact that at present there is no proper co-ordination between the research work and the agricultural or industrial production at the other end? May we know what efforts are being made by the Ministry to co-ordinate industry and agriculture with the present research work?

SHRI M. C. CHAGLA: That is precisely why this Conference was held for the first time in the history of the C.S.I.R. I found there was not sufficient collaboration between our industrialists and our scientists and I wanted our industrialists to know how scientists could help them and I wanted our scientists to know the problems of industrialists so that they can work on those problems.

SHRI SANTOKH SINGH: Is the recommendation of the Get-Together on Research and Industry with respect to irraigenous know-how being welcomed by industry in general and the public sector particularly?

SHRI M. C. CHAGLA: I must say that the response of industrialists was very cordial. We had various Working Groups set up. As many as 1,000 Delegates participated and 420 Papers were presented. Fifteen Working Groups were set up. They have drawn up various projects which will help the industrialisation of India. These projects have been sent to the various Ministries which are concerned with them to see what they can do to make use of these projects.

SHRI CHANDRA SHEKHAR: Is it not a fact that certain research laboratories in India, especially the Glass and Ceramic Research Institute at Jadavpur, Calcutta and the Leather Research Institute in Madras

made certain researches and their findings* were not implemented even by the Government Departments and whether the Minister has received any complaint from research workers from these two institutes that even the Government Departments have not been able to implement or to take advantage of the researches made there because of pressure from certain capitalists who are interested in the import of such goods?

SHRI M. C. CHAGLA: Well, Sir. I have been receiving complaints from time to time that sufficient support is not given to our indigenous technology. Whenever I hear of such a thing, I immediately take it up, but I am not aware of any complaint being received from these two specific laboratories mentioned by the hon. Member.

*221. [The questioner (Shri A. D. Mani) was absent. For answer, vide col. 1341-42 infra].

*222. [The questioner (Shri D. Thengwi) was absent. For answer, vide cols. 1342-43 infra.]

t*159. [Withdrawn]

ARMS TRAINING TO PERSONS LIVING IN BORDER AREAS 01 JAMMU AND KASHMIR

*223. SHRI ABDUL GHANI: Will the Minister of HOME AFFAIRS be pleased to state:

(a) whether the Government propose to give any arms training to persons living in the border areas of the State of Jammu and Kashmir; and

(b) whether there is also a proposal to strengthen our border areas by giving land there to the ex-servicemen for rehabilitation?

THE DEPUTY MINISTER IN THE MINISTRY OF HOME AFFAIRS (SHRI V. C. SHUKLA): (a) It will not be in public interest to disclose the information.

(b) Proposals for settling ex-servicemen in certain border areas in compact blocks where land is available, are under consideration of the Central Government in consultation with the State Governments. Schemes for Tripura and NEFA have, however, since been sanctioned and a statement with respect to the facilities to be provided to the settlers under these schemes, is laid on the Table of the House.

-[Transferred from the 10th May, 1966.]