

**The Deputy Minister of Defence (Shri Satish Chandra):** (a) 14.

(b) (i) United Kingdom, Ceylon and Pakistan.

(ii) At Trincomalee (Ceylon).

Indian Ocean  
Arabian Sea  
Gulf of Aden  
Bay of Bengal  
Malacca Straits  
Singapore.

(c) To train the officers and men of the Indian Navy in the efficient handling of their ships and fighting Weapons.

**Shri H. N. Mukerjee:** Do I take it, Sir, that our Navy's know-how is patterned on the manoeuvring and other capacities of the other foreign countries concerned, which were mentioned by the Minister?

**Shri Satish Chandra:** Of course, the knowledge of the United Kingdom is better than ours.

**RAISING SKILLED PERSONNEL FROM FACTORIES AND PRIVATE COMPANIES**

\*1033. **Shri M. R. Krishna:** Will the Minister of Defence be pleased to state whether Government have any scheme to raise skilled personnel from factories and private companies as supplementary reserve for use in emergency?

**The Deputy Minister of Defence (Sardar Majithia):** Yes; the question with regard to the formation of a supplementary reserve in the Armed Forces is under the consideration of Government.

**Shri M. R. Krishna:** What would be the conditions on which they would be employed in the military to serve in an emergency?

**Sardar Majithia:** I said it is under the consideration of the Government and when the Government comes to a decision, you will probably know.

**RESEARCH PROGRAMMES OF NATIONAL LABORATORIES**

\*1035. **Shrimati Renu Chakravartty:** (a) Will the Minister of Natural Resources and Scientific Research be

pleased to state who finalises the research-programmes of the various National Laboratories?

(b) How far are the needs of Indian Industry taken into account when these programmes are finalised and through what machinery?

**The Deputy Minister of Natural Resources and Scientific Research (Shri K. D. Malaviya):** (a) and (b). The programmes of research of the National Laboratories are drawn by the Directors of the Laboratories, which function under the Council of Scientific and Industrial Research after considering the suggestions received from the public, industries, research committees of the Board of Scientific and Industrial Research and Government organisations. The industrialist members of the Board of Scientific and Industrial Research and the Governing Body of the Council of Scientific and Industrial Research also make suggestions from time to time. The programmes are then placed before the Advisory Board of the Laboratories, which are composed of industrialists and scientists. The needs of Indian Industry are taken into account by having industrialists interested in related industry on the Advisory Board of each Laboratory.

**Shrimati Renu Chakravartty:** May we know, Sir, under what terms, all patents perfected by the National Laboratories are leased out to industrialists?

**Shri K. D. Malaviya:** Each patent is considered on individual merits.

**Shrimati Renu Chakravartty:** That is not my question. On what terms are they given out to industrialists?

**Shri K. D. Malaviya:** Generally, when a research is made and a discovery completed, and its patent obtained, then the patents are given out to the industrialists on royalty basis.

**Shrimati Renu Chakravartty:** May I know, Sir, how many such processes have been leased out and to whom during the last one year?

**Mr. Deputy-Speaker:** How does that arise out of the question?

**Shri K. D. Malaviya:** I cannot give that. If the hon. Member wants the exact figures, she may put a separate question.

**Shrimati Renu Chakravartty:** May I know, Sir, is there any co-ordinated plan for the Five Year Plan and, if so,

how will the Five Year Plan be integrated with the plan which has been set out by the Laboratories?

**Shri K. D. Malaviya:** The researches that go on in the Laboratories cannot be dovetailed into a Five Year Plan or a Seven Year Plan. Whenever researches are made and discoveries and investigations are completed, they are considered as individual researches. There are appropriate Committees and Bodies to consider them and to distribute them. They are done by the Government themselves or given over to the industries.

**Shri Damodara Menon:** Apart from giving representation to the Industrialists on the Advisory Board, is there any definite scheme by which the activities of these research laboratories are co-ordinated with the needs of the industry?

**Shri K. D. Malaviya:** Yes, there are schemes and these schemes have been further pursued.

**Shri Bansal:** What are the schemes to which the hon. Minister referred?

منسٹر آف ایجوکیشن اینڈ نیچرل

ریسرچ اینڈ سائنٹیفک ریسرچ (مولانا

آزاد): اسکیم یہ ہے کہ ایک خاص

ڈیولپ منٹ کارپوریشن اس غرض سے

ٹائم کیا جائیگا۔

[The Minister of Education and Natural Resources and Scientific Research (Maulana Azad): The scheme is that a special development corporation would be set up for this purpose.]

**Shri V. P. Nayar:** May I know whether in view of the fact that there is food scarcity and in view of the fact that there is great scope for the development of deep-sea fishing, Government have got any scheme for doing research in developing deep-sea fishing?

**Shri K. D. Malaviya:** The National Laboratories are not concerned with deep-sea fishing for tackling food scarcity. The Waltair University has a section under it which is dealing with this and they are doing some work.

**Shri V. P. Nayar:** May I take it that the Ministry of Natural Resources and

Scientific Research considers it to be only of such little importance?

مولانا آزاد: نہیں اس کو فوڈ منسٹری کر رہی ہے۔

[Maulana Azad: No, the Ministry of Food is dealing with it.]

श्री वी० पी० नायर : अंग्रेजी में बोले ।

उपाध्यक्ष महोदय : अंग्रेजी में बोओ नहीं, अंग्रेजी में बोलिये ।

Next question, Q. No. 1036.

**Shrimati Renu Chakravarty:** I want to make a submission, Sir. When the hon. Minister gives us statements laid on the Table of the House, when they are exceeding two pages, can they be given to us a day before instead of giving 10 or 12 minutes before?

**Mr. Deputy-Speaker:** The hon. Member may put supplementary questions later on.

**Shrimati Renu Chakravarty:** It will never come, Sir.

**Shri K. D. Malaviya:** The question is a very comprehensive one as to the help that the Laboratories are giving to the cottage industries and the small scale industries.

**Mr. Deputy-Speaker:** I would only say that whenever Government is in possession of these facts, and can lay it in the Notice Office a day in advance, they will kindly do so.

#### SMALL SCALE INDUSTRIES

\*1036. **Shrimati Renu Chakravarty:** (a) Will the Minister of Natural Resources and Scientific Research be pleased to state whether any of the National Laboratories has up till now done any work connected with the improvement of small-scale industries?

(b) If so, what are the details of such work?

(c) To what extent has it been applied under commercial conditions?

**The Deputy Minister of Natural Resources and Scientific Research (Shri K. D. Malaviya):** (a) Yes, Sir.

(b) and (c). A statement giving the required information is laid on the