

Sarkar Committee Report

1438. SHRI N. K. SANGHI : Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state :

(a) whether the Sarkar Committee has suggested the need for redefining the objective of the C. S. I. R. and to make the research now being done in the national laboratories more purposeful for industrial utilisation ;

(b) if so, whether for achieving the objective, Government have considered the desirability of effecting a report between the industrialists and the scientists to ensure that the plans for research are such that when completed, can be helpful for industrial exploitation ; and

(c) what particular steps have been taken by Government to realise the objectives ?

THE MINISTER OF PLANNING AND MINISTER OF DEPARTMENT OF SCIENCE AND TECHNOLOGY (SHRI C. SUBRAMANIAM) : (a) The Committee of Inquiry (CSIR) in their Report (Part-II) have recommended that in future the activities of the CSIR should be confined practically to industrial research and fundamental research should be undertaken only in areas where it is relevant to programmes of industrial research.

(b) and (c). The Committee has recommended that there should be an annual Get-together of industrialists and Scientists for exchange of views and for better appreciation of mutual problems. There was recently a research-industry meet organised by the Indian Merchants' Chamber, Bombay with the Directors of National Laboratories to create an atmosphere of mutual trust. Similarly the National Laboratories of the CSIR are taking initiative in organising Get-togethers in their respective fields of operation in a bid to come more closer to the industry.

3-Dimensional Map of India

1439. SHRIMATI SAVITRI SHYAM : Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state ;

(a) whether Government are planning a 3-Dimensional map of India ;

(b) whether some foreign collaboration will be obtained for preparation of map or it will be prepared by the Indian experts only ;

(c) the main features of the map and the useful purpose expected to be served by this map ; and

(d) the approximate expenditure to be incurred on the scheme ?

THE MINISTER OF PLANNING AND MINISTER OF DEPARTMENT OF SCIENCE AND TECHNOLOGY (SHRI C. SUBRAMANIAM) : (a) No.

(b) to (d). 3-Dimensional maps have considerable advantages for engineers and planners in contour appreciation. But there are quite a number of technical difficulties involved both in the use of these maps and in their production. This matter, therefore, will have to be considered from all technical aspects.

Staff Working in C. S. I. R.

1440. SHRI FATEH SINGH RAO GAEKWAD : Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state :

(a) whether the non-research staff outnumber the research staff in the Council of Scientific and Industrial Research ;

(b) if so, the number, separately, of the research and non-research staff ,

(c) whether quite often persons have been given scientific designations in Divisions concerned with purchase, stores, publicity, publication etc. ; and

(d) the steps being taken by Government to reduce the number of non-research staff ?

THE MINISTER OF PLANNING AND MINISTER OF DEPARTMENT OF SCIENCE AND TECHNOLOGY (SHRI C. SUBRAMANIAM) : (a) and (b). There were 9444 Scientific and Technical Personnel and 2550 Administrative staff (excluding Class IV) in the C. S. I. R. and its National Laboratories/Institutes as on 31. 12. 1970.

(c) and (d). The Committee of Inquiry (CSIR) in their Report Part-I has *inter-alia* observed that quite often persons have been given scientific designations in divisions con-