

LOK SABHA DEBATES

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LOK SABHA

Wednesday, 26th February, 1958

The Lok Sabha met at Eleven of the Clock

[MR. SPEAKER in the Chair]

ORAL ANSWERS TO QUESTIONS

**Central Mining Research Institute,
Dhanbad**

*482. { Shri Subodh Hansda.
Shri S. C. Samanta:

Will the Minister of Education and Scientific Research be pleased to state:

(a) whether it is a fact that a Central Mining Research Institute is being set up at Dhanbad, Bihar,

(b) if so, what progress has been made in the establishment of the Institution as regards the construction of building, procurement of equipments, appointment of staff etc., and

(c) what expenditure has been incurred thereon so far?

The Deputy Minister of Education and Scientific Research (Shri M. M. Das): (a). Yes, Sir.

(b) A statement giving the required information is laid on the Table of the House. [See Appendix III, annexure No. 34.]

(c). Rs. 5.96 lakhs approximately upto 31-12-57.

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Shri Subodh Hansda: May I know the total expenditure to be incurred on this during the second Five Year Plan?

Shri M. M. Das: The total planned expenditure, capital and recurring, is Rs 80 lakhs. An additional expenditure of Rs 20 lakhs is envisaged for construction of quarters, etc.

Shri Subodh Hansda: May I know whether any machinery has been received as gift from the West German Government for this institute and if so, the cost and other details of that machinery.

Shri M. M. Das: An X-ray diffraction equipment has been received as a gift from Messrs Siemens and Haleke and Siemens-Schuckertwerke of West Germany through the Prime Minister of India. It will be installed in the new buildings as soon as they are ready. I am sorry the cost of this instrument is not at my disposal now.

Shri Bose: May I know the functions of this institute?

Shri M. M. Das: It will carry out research in mining.

Shri S. C. Samanta: May I know the total number of technical personnel that will be employed when it will be fully run?

Shri M. M. Das: In the early stages, the technical staff will number about 60 approximately. Then, if there is further expansion, then the number of technical staff will go up.

Shri Subodh Hansda: May I know whether the institute has started functioning and if so, the nature of the research work that has been taken up?

Shri M. M. Das: Yes, Sir; the institute has started functioning and they have taken up the following items for their research at present: Analysis of gas and mine dust. This has been taken up at the instance of the Inspectorate of Mines. Then, the investigation into the spontaneous combustion phenomenon is also in progress. Testing of Flame Safety Lamps and Electric Cap and Hand Lamps from the aspect of safety of use in inflammable atmosphere and of light out-put is being undertaken. There are two other items, also.

Shri Hoda: May I know whether Government are thinking of setting up more such research institutes to take up similar or other branches of mining research?

Shri M. M. Das: This is the only research institute about mining. Their is no proposal at present before Government or the Council of Scientific and Industrial Research to establish similar research institutes in any part of the country.

Air Survey and Training Directorate

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*493. { Shri S. C. Samanta:
 { Shri Subodh Hansda:

Will the Minister of Education and Scientific Research be pleased to lay a statement on the Table showing:

(a) whether an Air Survey and Training Directorate has been established for the Survey of India;

(b) if so, the number of persons who have been given training in Air Survey;

(c) equipments with their value, that have been purchased or otherwise obtained from other countries; and

(d) the total expenditure that the Survey of India will have to incur for further development of the Directorate?

The Deputy Minister of Education and Scientific Research (Shri M. M. Das): (a) to (d). A statement giving the required information is laid on the Table. [See Appendix III, annexure No. 35.]

Shri S. C. Samanta: May I know whether aerial survey has commenced after the post-war period?

Shri M. M. Das: No, Sir; aerial survey by graphical methods is in vogue in the Survey of India since 1924.

Shri S. C. Samanta: May I know whether this aerial survey eliminates ground survey totally?

Shri M. M. Das: No; air survey does not eliminate altogether ground survey. Ground survey also has to be taken to a smaller extent.

Shri Subodh Hansda: What steps have been taken for the training of Indian personnel for carrying out aerial survey?

Shri M. M. Das: The training has been given to a number of officers. In addition to that, two officers were granted fellowships by the United Nations Technical Assistance Administration for a short course of training of 3 months at the factory of the firm in Switzerland which is supplying some of the machines. Two more officers were granted fellowships by the U. N. T. A. A. for a 12 month-course in the latest methods of survey using stereo-plotting machines at the International Training Centre for Aerial Survey, Delft, Netherlands.

Shri S. C. Samanta: May I know whether any foreign expert has been invited to give training to Indian personnel here?

Shri M. M. Das: The services of one foreign expert for a period of about 1½ years was made available by the United Nations in the year 1954 to train our Indian personnel.