

purposes because the hon. Minister spoke about well No. 1?

Shri K. D. Malaviya: After we have completed Jwalamukhi No. 1 drilling or after we have come to a satisfactory level where some assessment could possibly be made, we shall take decision about another site right or left. Probably, one or two holes may have to be put in order to finalise whether there is any oil there.

Dr. Ram Subhag Singh: Is there any danger that the Jwalamukhi will disappear after the exploitation of oil starts in full swing?

Mr. Speaker: The question will be: what is the quantity that will be available and how long can you work it?

Dr. Ram Subhag Singh: Is there any danger that the Jwalamukhi will disappear after oil exploitation starts in full swing?

Shri K. D. Malaviya: So far as the exploitation is concerned, I am sure it is not going to be wild.

An Hon. Member: Oil exploitation.

Shri K. D. Malaviya: When the question of oil exploitation comes we may be able to give a correct answer to the question whether Jwalamukhi flames will disappear or not.

Shri Ajit Singh Sarhadi: May I know if the Government intends to commence drilling operations in the adjoining area where the gases have been observed to appear in larger quantities?

Shri K. D. Malaviya: No. The drilling site has been selected after taking into account all technological aspects of the whole question. We have taken into account the fact that there are such areas near about.

Dr. Ram Subhag Singh: The hon. Minister has said that they will consider the problem after the drilling operation is over. May I know, when the drilling operations are over and it is found that the Jwalamukhi has disappeared, whether Government will stop drilling and oil exploitation work?

Shri K. D. Malaviya: No, Sir. We are not likely to stop or conclude drilling after the first hole. We shall only get more information. Then, we shall decide whether to drill at some other place or places. Only then we shall be enabled to reach a decision whether something has happened to these flames or not.

Shri Narayanankutty Menon: I have to ask a question.

Mr. Speaker: It has been sufficiently answered. Why did he not get up earlier?

Shri Narayanankutty Menon: I have been getting up. I just want to know how the cost of drilling at Jwalamukhi compares with that of Naharkotiya?

Shri K. D. Malaviya: I think the cost of drilling at Jwalamukhi will be cheaper.

Engineering College at Durgapur

*1191. { **Shri R. C. Majhi:**
Shri S. C. Samanta:

Will the Minister of Education and Scientific Research be pleased to refer to Starred Question No. 1224 asked in the Lok Sabha on the 27th August, 1957, and state:

(a) whether any final decision has been taken by Government about the establishment of an Engineering College at Durgapur;

(b) if so, the details of the decision; and

(c) whether any other new Engineering College or Colleges are going to be established in the country during the Second Plan period?

The Deputy Minister of Education and Scientific Research (Shri M. M. Das): (a) and (b). No, Sir.

(c). The matter is under consideration.

Shri R. C. Majhi: When was the application of the West Bengal Government received and when is a final decision about the establishment of this college likely to be taken?

Shri M. M. Das: The proposal to establish an engineering college in the Asansol-Durgapur area did not originate from the West Bengal Government. It came up to the Central Government as part of the recommendations of the Ghosh-Chandrakant Committee which was appointed to go into the question of meeting the demands of the engineering personnel at the end of the Second Plan.

Shri Banga: Is it not a fact that Government had a programme under the Second Plan for the establishment of a number of new engineering colleges? How is it my hon. friend had stated in reply to Part C that it does not arise or something like that?

Shri M. M. Das: At the beginning the State Governments had a proposal to establish eight engineering colleges in their respective States and out of these, six have already come into existence. Now, only two remain to be established. The question of establishing this college came, after the original plans of the State Governments were made, as a recommendation of that Committee, the Ghosh-Chandrakant Committee.

Shri Sinhasan Singh: May I know whether the Government has got any figure of the engineers required in the Second Plan period and whether that number will be reached through these colleges?

Shri M. M. Das: A committee known as the Engineering Personnel Committee was established by the Government of India and the Planning Commission to go into that question and it made some recommendations. For further consideration of those recommendations a committee was established and the recommendations of this committee were divided into two parts. One part related to the expansion of the existing colleges and the second part related to the establishment of three new colleges, so far as degree courses were concerned. The Cabinet accepted the expansion programme, that is the expansion of 19 existing engineering colleges, but

the Cabinet gave the opinion that so far as the establishment of three new colleges is concerned, they will have to be considered in detail bearing in mind the question of providing equal educational facilities to all parts of the country.

Shri S. C. Samanta: May I know what financial assistance is going to be given by the Centre for these engineering institutions?

Shri M. M. Das: The institutions have been divided into two categories for giving financial assistance by the Centre. The State Government institutions will get for the normal expansion programme one-third of the capital expenditure and nothing else. For establishment of new engineering colleges, if the colleges are established by the State Governments the same formula will apply, that is one-third of the capital expenditure will be provided by the Centre and the rest of the capital expenditure and the recurring expenditure will have to be met by the State Governments.

श्री मधुसूदन राव : क्या माननीय मंत्री यह बतला सकेंगे कि इन ८ कॉलेजों में वारंगल से जो ६ लाख २०० की बिल्डिंग फिंगली ब्रदर्स को दी गई है वह इन्व्यूड की गई है या नहीं ?

Shri M. M. Das: The information about that particular college referred to in the question is not at my disposal. If the hon. Member gives notice of a separate question I shall be very glad to answer.

Shri Thimmaiah: In the existing engineering colleges, particularly in those of the Central Government, there is inadequate number of technical teaching staff. May I know what steps the Government take to be sure that sufficient engineering personnel are available before the new engineering colleges are opened in the country?

Shri M. M. Das: We are arranging for training staff in five of our engineering institutions in the country.

There is a programme for providing facilities for training engineering teachers in these five colleges.

Museums in National Research Laboratories

*1192. { Shri Subodh Hasda:
Shri S. C. Samanta:

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

(a) the names of the National Research Laboratories functioning under the Council of Scientific and Industrial Research which have started their own museums;

(b) the functions of these museums;

(c) whether the museums are open to the public in general; and

(d) the average cost for the maintenance of a museum in this group?

The Deputy Minister of Education and Scientific Research (Shri M. M. Das): A statement giving the required information is laid on the Table of the Lok Sabha. [See Appendix IV, annexure No. 56]

(b) To display recent advances in the respective fields of science/engineering/technology and to explain the work carried out in the Laboratories/Institutions.

(c) Yes, Sir.

(d) The maintenance of these museums is part of the work of the Laboratories and as such, no separate figures for cost of maintenance are maintained.

Shri Subodh Hasda: I want to know whether any foreign expert or experts have been invited to advise the Government on the establishment of these museums; if so, who are they, and what is the expenditure incurred on the same.

Shri M. M. Das: When the museum of our National Physical Laboratory in Delhi was being established we requested the UNESCO to send one of their museum experts and they sent Mr. W. T. O'Dea, Keeper of the London Science Museum, South Kan-

sington. Mr. O'Dea came in December, 1956 and remained here for three months. He gave us instructions in the matter. Another gentleman, Mr. Lawrence Harrison of the Metropolitan Museum, New York, who has been sent to this country by the Rockefeller Foundation of America, is now in India. We have asked our Planning Officer of the Birla Industrial and Technical Museum, Calcutta to consult him. There is another proposal for requesting the UNESCO to send Mr. O'Dea again in the year 1958.

Shri Ranga: In view of the fact that most of these scientific research institutes are distributed in different parts of the country, is there any proposal to see that exhibits to indicate what researches are being carried on by these research institutes and what is being achieved are shown in some central museum in India, preferably a museum that you are building up for the physical laboratories such as the research institute in Delhi?

Shri M. M. Das: These museums are attached to a particular laboratory. At present we have got ten such museums attached to ten laboratories, but we hope in course of time other laboratories will also have their own museums. So far as the question of exhibiting them in a central place is concerned, I may inform the hon. Member that one or two years back there was an exhibition in Delhi itself organised by the Council of Scientific and Industrial Research, where all these developments which have been achieved as a result of researches carried out in these laboratories were shown and they were much appreciated by the people.

Shri Ranga: I was thinking in terms of a permanent exhibition here in the centre. You have already brought in two experts and one of them is going to be brought in again. Will this suggestion be placed before him?

شکشا اور دیگرانک کو پیشکش
ملفوظی (مولانا آزاد): ابھی اس طرح
کا کوئی پروپوزل گورنمنٹ نے سامنے
نہیں ہے۔