

to be undertaken by the Government of Punjab Schemewise details of funds allocated and actually released are given in enclosed statement

Statement

S. No.	Ministry/Schemes	(Rs lakhs)	
		Funds	
		Allocated	Actually released
1	2	3	4
1.	<i>Ministry of Education</i> Improvement in the quality of Primary Education	2 14	2 14*
2.	<i>Ministry of Industrial Development</i> Assistance to small entrepreneurs	30 00	30 00*
3	<i>Ministry of Agriculture</i> Agro Service Centres	2 45	Nil
4.	<i>Ministry of Shipping and Transport</i> Advance action on investigation of Road Works for 11th Five Year Plan	0 20	Nil
5.	<i>Ministry of Health</i> Rural Water Supply	0 70	Nil
	Total	35 49	32 14

*Actual expenditure figures are not yet available

SHRI RAGHUNANDAN LAL BHATIA

In view of the fact that there is great un-employment in Punjab, the sum of Rs 35 lakhs is a very meagre sum May I know from the hon Minister whether the Punjab Government have written to the Planning Minister in this regard for the increase of this amount ?

SHRI MOHAN DHARIA These schemes were for the last year For the current year, several schemes have been taken, and the Punjab Government had written to us and had discussed the matter with us, and when we finalised the annual plan for 1972-73, they have been incorporated in the plan

श्री लालजी भाई अध्यक्ष महोदय, मैं आपके माध्यम से जानना चाहता हूँ कि पंजाब में कुल कितने शिक्षित बेरोजगार हैं और उनमें से कितने क्रियान्वित योजना में चल रहे हैं, तथा शेष शिक्षित बेरोजगारों के लिए सरकार कौन-सी योजना बना रही है ?

MR SPFAKER The main question relates only to the total amount allocated to the Punjab Government

श्री लालजी भाई : क्रियान्वित योजना में कितने चल रहे हैं और शेष कितने बेरोजगार हैं उनके लिए सरकार क्या कर रही है, यह मैंने पूछा है।

अध्यक्ष महोदय : जिसका सवाल से सम्बन्ध न हो वह न पूछा करे। यह इस प्रश्न से नहीं उठता।

Experimental Work for Developing Nuclear Power Propulsion for Marine Application

*1070. SHRI SAMAR GUHA Will the Minister of ATOMIC ENERGY be pleased to state

(a) whether the Atomic Energy Commission has undertaken experimental work for developing nuclear power propulsion for marine application in India ; and

(b) is so, the progress so far made ?

THE MINISTER OF STATE IN THE MINISTRY OF HOME AFFAIRS (SHRI

K. C. PANT : (a) and (b). No experimental work for developing nuclear power propulsion marine application has been taken up so far by the Atomic Energy Commission. However, a Project Report outlining the development work involved on "Nuclear Propulsion for Marine Application" has been prepared.

SHRI SAMAR GUHA : This is more or less a good news, because of the fact particularly we know that the nuclear submarine...

MR. SPEAKER : Let him come to the question straight.

SHRI SAMAR GUHA : Because of the fact that now the nuclear submarine has the advantage of avoiding frequent intake of water...

MR. SPEAKER : Let him put his question.

SHRI SAMAR GUHA : I have already said 'In view of the fact...'

And also in view of the fact that it can remain under water for an indefinite period. I would like to know from Government whether it is a fact that in view of our mastery over reactor technology, a feasibility project has been drawn up by the Naval Engineering Department and the Atomic Energy Engineering Department about the application of nuclear propulsion for our Indian submarines ?

SHRI K. C. PANT : I have already said that no experimental work has been done, but a project report outlining the development work involved on 'Nuclear Propulsion for Marine Application' has been prepared. It is true that nuclear submarines enjoy certain of these advantages. They do not need oxygen which is required in any combustion engine, which is replaced in this case by the reactor. It is also true that they do not require. At replacement fuel for a long time and therefore the range is much wider but the cost at the moment is higher. Nevertheless advantages are definitely there and I have already indicated the work that has been done so far.

SHRI SAMAR GUHA : My question has not been answered : whether the atomic energy commission and our marine engineering department have jointly undertaken to draw

up a feasibility project for making a nuclear propelled submarine. That was my question.

MR. SPEAKER : If you put a straight question, the Minister may be in a position to answer. You start with something and and somewhere else.

SHRI K. C. PANT : I have already indicated precisely where the matter has been and I have nothing to add to that,

SHRI SAMAR GUHA : You have said that an outline has been prepared. Naturally the expectation is that this outline may be used to prepare a feasibility programme also. May I know whether our atomic energy commission is in a position to prepare such a project with know-how or technology and the necessary fuel ?

SHRI K. C. PANT : As I said at this stage no experimental work has been done by the BARC. A project report has been prepared with a view to study the question. I have already indicated that there are certain obvious attractions in this proposition ; it will be studied further.

SHRI VISHWANTH PRATAP SINGH : The fuel for marine application will require enriched uranium. If so, does this report of the atomic energy commission indicate the sources from which we shall get enriched uranium because we have no provision in our country to provide enriched uranium.

SHRI K. C. PANT : Actually it depends upon the reactor installed. It need not necessarily be enriched uranium. Apart from the type of reactor which my hon. friend has in mind, there are other types of reactors. We have thorium in this country which we have in plenty. But the technology that is being developed depends upon the reactor you instal.

Indicators for Identifying Backward Areas

*1071. **SHRI NAWALKISHORE SINHA :** Will the Minister of PLANNING be pleased to state :

(a) whether the Planning Commission has prepared a set of indicators for identifying the backward areas and guidelines for the