

Utilisation of Literature

5169. Shri P. R. Chakraverti: Will the Minister of Education be pleased to state:

(a) whether Government have sought the cooperation of the State Governments for making full use of the literature being brought out by the organisations set up by Government;

(b) whether the educational and cultural authorities in the States have worked out a systematic programme for distribution of such literature through libraries, schools and colleges and other cultural institutes;

(c) the assistance given to the States to popularise these publications of the Sahitya Akademi, the National Book Trust and the Children's Book Trust; and

(d) if the reply to part (a) above be in the affirmative, the response so far received from the State Governments?

The Deputy Minister in the Ministry of Education (Shri Bhakt Darshan):

(a) Yes, Sir.

(b) The State Governments are taking necessary action in the matter.

(c) Nil.

(d) Very encouraging.

Survey of Science Graduates

5170. Shri P. R. Chakraverti:
Shri Sidheshwar Prasad:

Will the Minister of Education be pleased to state:

(a) whether it is a fact that the number of Science Graduates in India and the nature of their employment has been surveyed by the National Register Unit of the Council of Scientific and Industrial Research;

(b) if so, what are its findings;

(c) whether it is a fact that higher education in Science and Engineering has not so far been adequately geared

up to the growing needs of India's industrial set up; and

(d) the steps devised to eliminate the handicaps and ensure effective mobilisation of the country's total resources in this respect?

The Deputy Minister in the Ministry of Education (Shrimati Soundaram Ramachandran): (a) Yes, Sir. A comparative study was made by the National Register of Scientific and Technical Personnel on the basis of data of February 1961. The study covered 6,000 agricultural graduates and 60,000 general science graduates.

(b) The main findings were:—

- (i) 86% of the agricultural graduates were employed under the Central and State Governments in community development and other agricultural extension work and in public sector institutions, about 8% were in the private sector and 2% self-employed.
- (ii) 53% of the general science graduates were in public sector employment, 29% in private sector and 5% self-employed.
- (iii) Unemployment was found to be about 4% among the agricultural graduates and 13% among science graduates.
- (iv) About 16% of the agricultural graduates and 33% of the science graduates were teaching in schools and colleges.
- (v) About 79% of the agricultural graduates and 25% of the science graduates were in technical occupations.
- (vi) 42% of the science graduates were in non-technical occupations as against 5% of the agricultural graduates.
- (vii) More than 50% of the science graduates and 30% of the agricultural graduates were getting salaries below Rs. 200/-

per month. Over three-fourths of both categories got salaries less than Rs. 300/- per month.

(c) and (d). A review of the position obtaining at the end of the Third Five Year Plan reveals that steps already taken to establish and expand engineering colleges and polytechnics during the Third Five Year Plan period will adequately meet the needs of technical personnel during the 4th Plan period.

On the recommendations of the All India Council of Technical Education, three-year degree courses in Engineering subjects for students who have passed the B.Sc. examination have been introduced in some of the universities. The U.G.C. has given assistance to some universities for starting courses in Tele-communication Engineering, Automobile Engineering, Fermentation Technology, Refrigeration, Metallurgy, Applied Geology, Geophysics etc. Short-term training courses for science graduates who may not be suited for an advanced scientific career in specified fields are also contemplated.

Educational Development

5171. **Shri P. R. Chakravarti:** Will the Minister of Education be pleased to state:

(a) whether Government have considered the memorandum submitted by the Indian Statistical Institute jointly with the perspective division of the Planning Commission, putting forward proposals for educational development at different levels;

(b) the attempts made to see that education at the secondary level and above is broadly related to the pattern of jobs in the fields of agriculture, medicine and teaching; and

(c) whether the changing structure of the manufacturing industry has been taken into account in proposing the reorientation of educational pattern to ensure the training of sufficient number of specialists in engineering?

The Minister of Education (Shri M. C. Chagla): (a) No, Sir. The Memorandum was submitted to the Education Commission whose report is awaited.

(b) and (c). Do not arise.

Ban on construction of School Buildings.

5172. **Shri Shree Narayan Das:** Will the Minister of Education be pleased to state:

(a) whether Government have imposed a ban on the construction of school buildings in Delhi;

(b) if so, the circumstances therefor; and

(c) the precise nature of the decision taken in this respect?

The Minister of Education (Shri M. C. Chagla): (a) The restrictions imposed in September, 1964, on expenditure on new construction have been relaxed from 15th March, 1966

(b) and (c). Do not arise.

Drilling in Rajasthan Area

5173. **Shri Kindar Lal:**
Shri Vishwanath Pandey:
Shri Ram Harkh Yadav:
Shri Onkar Lal Berwa:
Shri P. L. Barupal:

Will the Minister of Petroleum and Chemicals be pleased to state:

(a) whether it is a fact that the Oil and Natural Gas Commission has restarted the drilling operations along the Indo-Pakistan border in Rajasthan area; and

(b) if so, the result thereof?

The Minister of Petroleum and Chemicals (Shri Alagesan): (a) Drilling operations have been restarted in the western part of Jaisalmer district in an area which is well inside Indian territory.

(b) No accumulation of oil or natural gas has been met with so far.