

(b) if so, whether the sanction has been given; and

(c) if not, the reasons therefor?

THE MINISTER OF PARLIAMEN-  
TARY AFFAIRS AND SHIPPING AND  
TRANSPORT (SHRI RAJ BAHADUR)

(a) Yes, Sir. The State Government recently submitted a detailed project for the construction of a bridge with approaches at Pamban on National Highway No. 49.

(b) and (c). The project has been technically examined and is now being processed for sanction.

#### Seminar on Democratisation of Delhi University Structure

\*111. SHRI A. N. CHAWLA : Will the Minister of EDUCATION AND SOCIAL WELFARE be pleased to state :

(a) whether the Delhi University Teachers' Association had organised a Seminar on Democratisation of the Delhi University Structure in the second week of March, 1971.

(b) whether the participants in the Seminar urged amendment of the rules to enable the University to take over a college as they felt that the right to run a college should rest with the University;

(c) what other suggestions were made by the participants of the Seminar; and

(d) the reaction of Government to the suggestions and recommendations made in the Seminar and the time by which these are likely to be implemented?

THE MINISTER OF EDUCATION  
AND SOCIAL WELFARE (SHRI SID-  
DHARTHA SHANKER RAY) : (a) to (c). Apart from noticing some reports in a section of the press about this Seminar, neither the University of Delhi nor the Government have any knowledge about the same or the proceedings had therein.

(d) Does not arise.

#### Science Education at School Level

\*112. SHRI MUHAMMED SHERIFF : Will the Minister of EDUCATION AND SOCIAL WELFARE be pleased to state :

(a) whether any special efforts have

been made in regard to the need for up-  
grading the quality of science education at  
school level to achieve excellence in science  
and technology at higher levels; and

(b) if so, the details thereof and the  
decisions arrived at?

THE MINISTER OF EDUCATION  
AND SOCIAL WELFARE (SHRI SID-  
DHARTHA SHANKAR RAY) : (a) and  
(b). A statement is laid on the table of the  
House.

#### Statement

Special efforts are being made for more  
than a decade to upgrade the quality of  
science education at school level.

(1) During the Second and Third Plan  
periods efforts were directed to  
provide science equipment for the  
laboratories of High and Higher  
Secondary schools and in-service  
training to Secondary School  
Science Teachers through a pro-  
gramme of Summer Institutes.

(2) States were also assisted in estab-  
lishing State Institutes of Science  
Education to deal exclusively with  
the problems of upgrading Science  
education.

(3) A comprehensive programme of  
curriculum development was  
launched in 1965, the main compo-  
nents of which were :

(i) Preparation of updated and  
upgraded syllabi in science  
subjects.

(ii) Development of Text Books,  
Teachers guides and other  
related instructional materials.

(iii) Development of prototypes  
of simple indigenous science  
equipments.

(iv) Preparation of visual aids.

(v) Development of in-service  
training materials. Assistance  
for the above schemes has  
been secured from UNESCO  
and UNICEF.

(4) The new syllabi, text books and  
teachers guides developed under  
this programme have been intro-  
duced on a pilot basis from the

academic year 1970-71 in about 1000 selected primary and middle schools throughout the country. The selected schools have been supplied with new science kits for experimental work. The science teachers of these schools have been oriented in the teaching of new science. The States and Union Territories have agreed to appoint separate full-time science Supervisors for the selected schools. For proper implementation of the project, 79 key institutions consisting of State Institutes of Science Education, State Institutes of Education as well as Primary and Secondary Teacher Training Institutes have so far been supplied with laboratory equipment. Another 500 such key institutions are being similarly equipped. As a result of the feed back obtained from this pilot project, the text books, teachers guides and laboratory kits will be revised and the same are expected to be introduced in all schools by the States and Union Territories in stages.

- (5) Apart from this programme of introduction of the new science curriculum in schools, the NCERT is operating a National Science Talent Search Scheme under which 350 students having aptitude for science are selected at the close of the secondary school stage each year and awarded scholarships for the study of science at the undergraduate, post-graduate and doctorate levels.
- (6) Science clubs, Science exhibitions and other forms of extra-curricular activity are also being encouraged to arouse interest in the study of science and scientific methods in the younger generations.
- (7) The Government of India have a scheme of assistance to Voluntary Educational Organisations under which grants are given for construction of a laboratories, purchase of furniture, books and laboratory equipment.
- (8) A National Council of Science Education has been established to

coordinate Science education activities in the school and university levels.

- (9) A separate scheme of bringing out cheap editions of standard books on Science has been in existence for more than 10 years.

#### Preparation of Deficit Budgets by the State Governments

\*113. SHRI RADHAKRISHNAN : Will the Minister of FINANCE be pleased to state :

(a) whether any directives or advice were given to the State Governments regarding preparation of deficit Budget in their States and also about the overdrafts by the States from the Reserve Bank of India ; and

(b) if so, the details thereof ?

THE MINISTER OF FINANCE (SHRI YASHIWANTRAO CHAVAN) : (a) and (b) The Government of India cannot issue any directives to the States regarding the manner in which their budgets should be framed. The Government of India have, however, been urging all States to keep their budgetary position under constant review so as to avoid persistent overdrafts which result from continuing imbalance between expenditure commitments and available resources. The State Governments are also fully aware that they cannot expect any assistance to cover their deficits, beyond the special accommodation (by way of loans) agreed to in respect of gaps in resources which are assessed by the Planning Commission to be inescapable in nature.

बम्पारन जिले में दुमरियाघाट पर  
नारायणी नदी पर ऊपरी पुल  
का पूरा किया जाना

\*114. श्री कमल मिश्र मधुकर : क्या पौतपरिवहन तथा परिवहन मंत्री यह बताने की कृपा करेंगे कि :

(क) क्या सरकार ने बिहार के सारन और बम्पारन जिलों को मिलाने वाले राष्ट्रीय राजपथ पर दुमरिया घाट पर नारायणी नदी के ऊपर निर्माण किये जा रहे ऊपरी पुल को