

(a) whether the Degree of Bachelor of Independent Studies, University of Waterloo (Canada) is recognised by the Universities in India; and

(b) if so, the details in this regard? \*

THE MINISTER OF HUMAN RESOURCE DEVELOPMENT (SHRI P. SHIV SHANKER): (a) and (b). Government do not have detailed university-wise information about the recognition of the Degree of Bachelor of Independent Studies, University of Waterloo (Canada).

#### **Development of Central Marine Fisheries Research Institute Mandapam**

2385. DR. V. RAJESHWARAN: Will be Minister of AGRICULTURE be pleased to state:

(a) whether it is proposed to develop Central Marine Fisheries Research Institute, Mandapam in Tamil Nadu;

(b) if so, the details thereof;

(c) whether there is also a proposal to shift Marine Products Export Development Authority head-quarters to Mandapam in Ramanathapuram district of Tamil Nadu; and

(d) if so, the details thereof?

THE MINISTER OF STATE IN THE DEPARTMENT OF AGRICULTURAL RESEARCH AND EDUCATION IN THE MINISTRY OF AGRICULTURE (SHRI HARI KRISHNA SHASTRI): (a) and (b). Sir, The Central Marine Fisheries Research Institute, Cochin has already established a Regional Centre at Mandapam.

(c) No, Sir.

(d) Question does not arise.

#### **Waterway Projects Recommended by Inland Waterways Authority of India**

2387. SHRI PRAKASH V. PATIL: Will be Minister of SURFACE TRANSPORT be pleased to state:

(a) whether any recommendations have been received by Government from Inland Waterways Authority of India for implementation of various waterway projects;

(b) if so, the salient features of the recommendations; and

(c) the decision taken by Government thereon?

THE MINISTER OF STATE OF THE MINISTRY OF SURFACE TRANSPORT (SHRI RAJESH PILOT): (a) to (c). In the context of formulation of Annual Plan 1989-90 for inland water transport sector, the Inland Waterways Authority of India had recommended various schemes for implementation during the year 1989-90. The schemes recommended relate to hydrographic surveys of important waterways, infrastructural developments on National Waterways, technical studies and improvements of certain important canals/waterways in various States under Centrally Sponsored Schemes. The Government have already approved the financial allocation of Rs. 14.50 crores to IWAI for the purpose. They have also been advised about the same and for implementation of the scheme.

#### **Funds to Punjab Under CRSP during 1989-90**

2388. SHRI KAMAL CHAUDHRY: Will be Minister of AGRICULTURE be pleased to state:

(a) whether there is any proposal to increase the funds for the construction of Subah Shauchalayas in rural areas of Punjab

under the Centrally Sponsored Rural Sanitation Programme during 1989-90;

- (b) if so, the details thereof; and
- (c) if not, the reasons therefor?

THE MINISTER OF STATE IN THE DEPARTMENT OF RURAL DEVELOPMENT IN THE MINISTRY OF AGRICULTURE (SHRI JANARDHANA POOJARY):  
(a) Yes, Sir.

(b) During 1989-90, an allocation of Rs. 18.45 lakhs has been made under Central Rural Sanitation Programme to the State Government of Punjab as against a total release of Rs. 13.00 lakhs during the last three years i.e. 1986-87 to 1988-89.

- (c) Does not arise.

#### Revival of Orissa Coast Canal

2389. SHRIMATI JAYANTI PATNAIK: Will be Minister of SURFACE TRANSPORT be pleased to state:

(a) whether the Government of Orissa has made a request to Union Government for the revival of Orissa Coast Canal;

(b) whether Government have considered the proposal of the State Government;

(c) if so, whether it is proposed to be included in the Eighth Plan as a Centrally sponsored project; and

(d) if not, when it is expected to be revived by the Government?

THE MINISTER OF STATE OF THE MINISTRY OF SURFACE TRANSPORT (SHRI RAJESH PILOT): (a) to (d). The responsibility for development of inland waterways other than National Waterways, rests with the State Governments concerned.

In the context of formulation of the 8th Five Year Plan, the Government of Orissa has requested inclusion of a scheme relating to the preparation of a detailed project report for the Orissa Coast Canal. The 8th Five Year Plan outlays have not yet been finalised by the Government.

#### Problems of Soil Erosion

2390. SHRI SRIKANTHA DATTA NARASIMHARAJA WADIYAR: Will be Minister of AGRICULTURE be pleased to state:

(a) whether Government have made any estimate of the tons of top soil being lost in the country every year due to soil erosion;

- (b) if so, the details thereof;

(c) whether a kind of grass called 'Vetiver' has been soil tested in India which can, according to World Bank's Experts, save agriculture from soil erosion;

(d) if so, the steps taken to grow this kind of grass and save the top soil from erosion; and

(e) the other steps being taken to check soil erosion?

THE MINISTER OF STATE IN THE DEPARTMENT OF AGRICULTURE AND COOPERATION IN THE MINISTRY OF AGRICULTURE (SHRI SHYAM LAL YADAV): (a) and (b). In the absence of precise information on total erosion in the country, Indian Council of Agricultural Research has estimated that about 5334 million tons of soil is annually eroded; Out of this, about 29% is lost permanently to the sea and about 10% is deposited in the reservoirs.

(c) and (d). The Vetiver grass is being used for soil and moisture conservation as