

**Development of Intermediate Technology
for Rural Industries**

980. SHRI N. K. SINHA : Will the Minister of INDUSTRIAL DEVELOPMENT (AUDYOGIK VIKAS MANTRI) be pleased to state the steps taken to develop Intermediate Technology to suit needs for rural industries and its development.

THE DEPUTY MINISTER IN THE MINISTRY OF INDUSTRIAL DEVELOPMENT (AUDYOGIK VIKAS MANTRA-LAYA MEN UP-MANTRI) (SHRI SIDDHESHWAR PRASAD) :

Statement

Ministry of Industrial Development has recently set up an Appropriate Technology Cell the main objective of which is to study problems relating to introduction of viable technologies in rural and semi-urban areas in order to increase employment potential of the country and to augment earnings of the workers by raising their productivity. In this endeavour the Appropriate Technology Cell will function as a catalyst and will bring together the various research laboratories and organisations as well as other agencies working for promoting industrialisation in the rural and semi-urban areas of the country.

2. The programme of the Appropriate Technology Cell consists of capital output studies, compilation of technical and technological information, co-ordination of research on technological problems of the rural and urban areas, documentation of the various process available, and effecting liaison with other national and international organisations working in this field.

3. The Appropriate Technology Cell organised a Seminar on April 28, 1971 in which more than 100 delegates participated. It was an inter disciplinary assembly where representatives of Central Ministries and Departments, State Directorate of Industries, Directors of Research Laboratories, Professors, eminent industrialists and delegates from international organisations like OECD, ILO, Ford Foundation etc. participated.

4. Six Working Groups have been set up by the Cell to study problems in depth in their respective fields, after careful consideration of various problems relating to

rural and urban industries. The Working Groups set up are as follows :

- (i) Leather Tanning and Footwear ;
- (ii) Food Processing and Fruit Preservation ;
- (iii) Scaling down of large Scale Plants, specially Cement, Sugar and Paper ;
- (iv) Agricultural Implements ;
- (v) Ceramics including Potteries and Glass ; and
- (vi) Coir.

Production of Tyres

981. SHRI N. K. SINHA : Will the Minister of INDUSTRIAL DEVELOPMENT (AUDYOGIK VIKAS MANTRI) be pleased to state :

(a) the number of tyres of cars, trucks, scooters and cycles manufactured in this country in 1969-70 and 1970-71 ;

(b) the same imported in 1969-70 and 1970-71 ;

(c) the factors inhibiting the manufacture of more tyres in India ?

THE DEPUTY MINISTER IN THE MINISTRY OF INDUSTRIAL DEVELOPMENT (AUDYOGIK VIKAS MANTRA-LAYA MEN UP-MANTRI) (SHRI SIDDHESHWAR PRASAD) : (a) The number of tyres of cars, trucks, scooters and cycles manufactured in 1969-70 and 1970-71 is given below :

Category of tyres	1969-70 (Nos.)	1970-71 (Nos.)
Car tyres	9,50,050	9,92,123
Truck tyres	20,60,674	21,62,787
Scooter tyres	4,16,606	4,54,472
Cycle tyres	213,12,023*	197,14,742*

*Excludes production in small-scale sector.

(b) The number of tyres of cars, trucks, scooters and cycles imported in 1969-70 and

1970-71 (April—October is as follows :

Category of tyres	1969-70 (Nos.)	1970-71 (Nos.) (April—October)
Car tyres	527	447
Truck tyres	2686	33
Scooter tyres	—	—
Cycle tyres	—	—

(c) None.

Increase in Price of Essential Commodities

982. SHRI DASARATHA DEB: Will the Minister of INDUSTRIAL DEVELOPMENT (AUDYOGIK VIKAS MANTRI) be pleased to state :

(a) whether in view of heavy influx of Displaced Persons from Bangala Desh the price of essential commodities has gone up in the Eastern States ; and

(b) if so, the steps taken to maintain supply of essential commodities to keep the prices down ?

THE DEPUTY MINISTER IN THE MINISTRY OF INDUSTRIAL DEVELOPMENT (AUDYOGIK VIKAS MANTRALAYA MEN UP-MANTRI) (SHRI SIDDHESHWAR PRASAD): (a) The prices of essential commodities have, by and large, remained steady during the period before and after the influx of refugees from Bangla Desh.

(b) The Government is keeping a constant watch on the situation and steps to check any abnormal rise in price of essential commodities will be taken as and when called for.

Setting up of Plywood Factory and Paper Mill in Tripura

983. SHRI DASARATHA DEB: Will the Minister of INDUSTRIAL DEVELOPMENT (AUDYOGIK VIKAS MANTRI) be pleased to state :

(a) whether Government of Tripura recommended the setting up of Plywood Factory and a Paper Mill, in Tripura ; and

(b) whether Central Government have given necessary permission for setting up of these industries ?

THE DEPUTY MINISTER IN THE MINISTRY OF INDUSTRIAL DEVELOPMENT (AUDYOGIK VIKAS MANTRALAYA MEN UP-MANTRI) (SHRI SIDDHESHWAR PRASAD): (a) Yes, Sir.

(b) Approval was granted to a private party in January, 1966 to set up a plywood factory in Tripura. Government have not given any permission for the setting up of a Paper Mill.

Profitable use of Fly Ash

984. SHRI M. RAM GOPAL REDDY: Will the Minister of IRRIGATION AND POWER (SINCHAI AUR VIDYUT MANTRI) be pleased to state how far the fly ash produced by the power stations is being profitably used ?

THE DEPUTY MINISTER IN THE MINISTRY OF IRRIGATION AND POWER (SINCHAI AUR VIDYUT MANTRALAYA MEN UP-MANTRI) (SHRI B N. KUREEL): At present, the use of fly ash available from thermal power stations is limited to its being mixed with cement as Pozzo ana in concrete as also in the construction of dams, buildings and in the manufacture of concrete poles. The following steps have been taken to give an impetus to the greater use of fly ash :—

- (i) State Electricity Boards have been instructed to supply flyash to actual users at nominal price and free of cost to research institutions.
- (ii) Research institutions have been asked to carry out tests for utilising flyash as pozzolana in civil construction and roads.
- (iii) The cement manufacturing companies have been requested to use as much flyash as possible as pozzolana element in their portland pozzolana cement.

Annual Requirements of Wagons of the Indian Railways

985. SHRI M. RAM GOPAL REDDY: Will the Minister of RAILWAYS (RAIL MANTRI) be pleased to state :

(a) the annual requirements of the Indian Railways in regard to wagons of various types ; and