II. Vice-Chairman-Secretary, Ministry of Environment and Forests.

III. *Members*

1. i. Secretaries of Departments of Agriculture and Cooperation, Industrial Development, Chemicals and Petro-chemicals, Urban Development, Technical Development and Non-Conventional Energy Sources.

   ii. Director General, National Productivity Council.

   iii. Chairman, Central Pollution Control Board.

   iv. Secretaries, Environment (or) Chairman of the State Pollution Control Boards of Maharashtra, Gujarat, Uttar Pradesh and Tamil Nadu.

IV. *Representatives of*

2. i. Federation of Indian Chamber of Commerce and Industry

   ii. Associated Chamber of Commerce and Industry

   iii. Confederation of Engineering Industry of India

   iv. Indian Chemical Manufacturers Association

   v. Chemtech Foundation

   vi. Institute of Packaging

3. Representatives of the Corporation of Delhi, Calcutta, Bombay.

4. i. Representative of the Depart-

ment of Science and Technology

   ii. Representative of the Department of Scientific and Industrial Research

   iii. Director, Industrial Toxicology Research Centre, Lucknow

V. *NGOs and Media:*

   i. Mrs. Usha Rai, Journalist.

   ii. Ms. Nalini Singh, Journalist and Film Maker

   iii. Dr. Nandita Krishna, Director, Environmental Education Centre, Madras

   iv. Dr. B. Pathak, President, Sulabh Souchalaya International, Patna

   v. Voluntary Organisation in Interest of Consumer Education, New Delhi (VOICE)

   vi. Consumer Action Group, Madras (CAG)

Technology for Monsoon Prediction

*204. SHRI KAMALUDDIN AHMED: Will the PRIME MINISTER be pleased to state:

(a) whether Indian meteorologists are using "Power Regression Model" for prediction of monsoon in different parts of the country;

(b) whether this mathematical tool developed three years ago has failed to predict correct monsoon and other data during the last three years; and

(c) if so, the reasons for not acquiring

the latest technology for the prediction of monsoon correctly in the country?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND MINISTER OF STATE IN THE DEPARTMENT OF EDUCATION IN THE MINISTRY OF HUMAN RESOURCE DEVELOPMENT (PROF. M.G.K. MENON): (a) Yes, Sir.

(b) No, Sir. Only in the last two years forecasts were made using the new Power Regression Model, and for both the years, the forecast proved to be accurate.

(c) Does not arise.

Project for Technology Development Mission

*205.   DR. A.K. PATEL.
        SHRI PYARELAL KHANDEL-
        WAL:

Will the PRIME MINISTER be pleased to state:

(a) the details of the projects undertaken so far for Technology Development Mission for Indian Language Programme and the projects which are proposed to be taken further and the period when work under each project was undertaken and work done so far on each project; and

(b) the funds earmarked for each project?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND MINISTER OF STATE IN THE DEPARTMENT OF EDUCATION IN THE MINISTRY OF HUMAN RESOURCE DEVELOPMENT (PROF. M.G.K. MENON): (a) Technology Development for Indian Languages (TDIL) programme has been drawn

up by the Department of Electronics for implementation during the Eighth Plan. In the early stages of its formulation, it was termed as Technology Development Mission for Indian Languages programme. The proposed activities under this programme are grouped as follows:

1) Development of Learning Systems

2) Development of Machine Translation Systems

3) Development of Human-Machine Interface Systems

Sub activities under the above categories are as follows:—

A.   Learning Systems (LS)

A1.   Language Learning Systems

A2.   LS for Handicapped

B.   Machine Translation Systems (MTS)

B1.   Core Grammar and Phonetic Features

B2.   Practical MT Systems

C.   Human-Machine Interface Systems (HUMIS)

C1.   Text Representation Conversion System (e.g. Shorthand and Optical Character Recognition System)

C2.   Speech-to-text and Text-to-Speech System

C3.   Multi-lingual Mass Communication Display System

C4.   Indian Language Interface to Software