

Indian Space Research Organisation maintains close contacts with their counterparts in the countries mentioned above in the implementation of the cooperative programmes.

Launching of Rocket 'Rohini 560' from Sriharikota

333. SHRI Y. ESWARA REDDY: Will the Minister of SPACE be pleased to state:

(a) whether an indigenously developed two stage rocket—Rohini 560—was recently launched from the rocket launching station at Sriharikota in Andhra Pradesh;

(b) whether the rocket functioned normally;

(c) how long it will take to develop rockets capable of delivering satellites to outer space; and

(d) whether India has any plan to launch earth satellites; and if so, the outline of the plans?

THE PRIME MINISTER, MINISTER OF ATOMIC ENERGY, MINISTER OF ELECTRONICS, MINISTER OF INFORMATION AND BROADCASTING AND MINISTER OF SPACE (SHRIMATI INDIRA GANDHI): (a) and (b). Yes, Sir.

(c) The time taken to develop rockets capable of launching satellites depends on a number of factors. The present assessment is that we will develop capability to launch a scientific satellite by 1976-77.

(d) Yes, Sir. Details of our plans for launching satellites are given in the book entitled "Atomic Energy and Space Research—A Profile for the Decade 1970—80", copies of which are available in the Parliament Library. These details are being updated for incorporation in the Fifth Five Year Plan.

Applications for Expansion and New Industrial Licences in 1972

334. SHRI S. R. DAMANI: Will the Minister of INDUSTRIAL DEVELOPMENT AND SCIENCE AND TECHNOLOGY be pleased to state:

(a) the number of applications received in 1972 for expansion programmes and for new industrial licences;

(b) the items and capacities under each head;

(c) in how many cases approval has been given and licences granted; and

(d) when are they expected to materialise?

THE MINISTER OF INDUSTRIAL DEVELOPMENT AND SCIENCE AND TECHNOLOGY (SHRI C. SUBRAMANIAM): (a) During 1972, 1973 applications for the establishment of 'New Undertaking' and 408 for effecting 'substantial expansion' have been received.

(b) These applications mainly relate to the following industries:—

1. Metallurgical Industry.
2. Electrical equipment.
3. Chemicals.
4. Textiles.
5. Wheat products and processed food.
6. Industrial Machinery.
7. Transportation.

It will be a difficult task to analyse all the applications and give the capacities asked for in each industrial sector.

(c) Against these, 9 industrial licences and 97 letters of intent have been issued for the establishment of 'new undertakings' and 7 industrial licences and 11 letters of intent for effecting 'substantial expansion'.