

**Redaction in the cost of INSAT spacecraft**

4390. MISS SAROJ KHAPARDE: Will the PRIME MINISTER be pleased to state :

(a) whether indigenous technology development has helped ISRO to reduce the cost of INSAT spacecraft considerably; and

(b) if so, the details thereof?

THE MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE (SHRI BHUV-NESH CHATURVEDI): (a) Yes, Sir.

(b) The indigenously built INSAT-2 satellites cost about Rs. 78.00 crores each. The cost of similar satellites bought from abroad may cost as much as Rs. 300.00 crores. The cost reduction has been possible mainly because of (the *development of many of the expensive sub-systems in India*). Also the testing cost of the satellite, which is a high percentage of the total satellite's cost, has been maintained at a low level by building the test facilities in India and testing the satellite using these facilities.

**बिहार के नक्षत्रों पर न दर्शाए गये पर्यटक स्थलों का चित्रण**

4391. श्री शारदा महन्ती :

श्री कन्हय्यदेव आनन्द पाण्ड्यान :

श्री सोम पाण्डे :

क्या प्रधान मंत्री यह बताने की कृपा करेंगे कि :

(क) क्या यह सच है कि भारत के महासर्वेक्षक द्वारा बिहार का जो नक्शा तैयार किया गया है उसमें बिहार के सभी पर्यटक स्थलों को नहीं दर्शाया गया है;

(ख) यदि हाँ, तो तत्संबंधी ज़ोर क्या है, और इसके क्या कारण हैं;

(ग) सरकार इस संबंध में क्या कार्यवाही करने का विचार रखती है; और

(घ) यदि नहीं, तो इसके क्या कारण हैं ?

विज्ञान और प्रौद्योगिकी मंत्रालय, इलेक्ट्रॉनिक्स विभाग और महासर्वेक्षक विभागों और क्षेत्रीय कार्य मंत्रालय में राज्य मंत्री (श्री देवराज कुभारमंगलम) : (क) बिहार के राज्य मानचित्र, 1974 संस्करण में सभी महत्वपूर्ण शहर/ग्राम दिखाये गये हैं। तथापि, मानचित्र के संदर्भ में पर्यटक स्थलों का कोई विशेष उल्लेख नहीं किया गया है।

(ख) बिहार का राज्य मानचित्र उस समय निर्धारित विनिर्देशों के अनुसार प्रकाशित किया गया था।

(ग) बिहार राज्य मानचित्र का नया संस्करण प्रकाशित किया जा रहा है जिसमें पर्यटक स्थलों के महत्वपूर्ण स्थलों को भी

दर्शाया जा रहा है। मानचित्र अभी एक स्तर पर है।

(घ) लागू नहीं होता।

**Research laboratories in the country**

4392. SHRI KRISHAN LAL SHARMA: Will the PRIME MINISTER be pleased to state:

(a) the number of research laboratories working in the country at present:

(b) how many of these laboratories are able to meet some percentage of their expenditure from their own resources;

(c) whether it is a fact that too much of rules and regulations restrict the working of these laboratories; and

(d) if so, what steps are proposed to be taken to make these laboratories self-supporting ?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY, DEPARTMENT OF ELECTRONICS AND DEPARTMENT OF OCEAN DEVELOPMENT AND MINISTER OF STATE IN THE MINISTRY OF PARLIAMENTARY AFFAIRS (SHRI P. R. KUMARAMANGALAM): (a) to (d) Information is being collected and will be laid on the Table of the House.

**Imposition of stiff conditions by U.S. on Indo U.S. co-operation in Space**

4393. DR. SANJAYA SINH: Will the PRIME MINISTER be pleased to state :

(a) whether the United States of America has recently set further stiff conditions on Indo U.S. co-operation in Space; and

(b) if so, what is the reaction of Government thereto?

THE MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE (SHRI BHUV-NESH CHATURVEDI): (a) No, Sir.

(b) Does not arise.

**Incorporation of Antrix Corporation Limited**

4394. SHRI KRISHNA KUMAR BIRLA: Will the PRIME MINISTER be pleased to state:

(a) whether Government have incorporated Antrix Corporation Ltd., a company for exploiting the export potential in space market;

(b) if so, what are the objectives and the corporate plans of the said Corporation;