

**GOVERNMENT OF INDIA  
COMMUNICATIONS AND INFORMATION TECHNOLOGY  
LOK SABHA**

STARRED QUESTION NO:54  
ANSWERED ON:07.08.2013  
R D IN ELECTRONICS  
Singh Shri Bhola;Tandon Annu

**Will the Minister of COMMUNICATIONS AND INFORMATION TECHNOLOGY be pleased to state:**

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- (a) the details of the branded electronic products manufactured domestically in the country; \*\*
  - (b) whether the domestic production of electronic products is not sufficient to meet the demand;
  - (c) if so, the details thereof and the steps taken by the Government for promotion of indigenous Research & Development (R&D) for development of electronics manufacturing in the country;
  - (d) whether the Government proposes to create a corpus to promote R&D for electronics and information technology; and
  - (e) if so, the details thereof and the action taken in this regard, so far?

**Answer**

MINISTER FOR COMMUNICATIONS AND INFORMATION TECHNOLOGY (SHRI KAPIL SIBAL)

(a) to (e) A Statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO LOK SABHA STARRED QUESTION NO. 54 FOR 07.08.2013 REGARDING 'R&D IN ELECTRONICS'

(a) and (b): No formal data on the production of branded electronic products is being compiled by Department of Electronics & Information Technology (DeitY).

The electronics hardware production is estimated to have increased from Rs.66,000 crore in 2006-07 to Rs.143,300 crore in 2011-12, registering a CAGR of 16.5%. It is estimated that demand of Electronics System Design & Manufacturing (ESDM) in India would grow to USD 400 Billion by 2020. The projected domestic production of ESDM by 2020 is estimated to be nearly USD 100 Billion.

(c) to (e): The Government has taken several steps for promotion of Research & Development (R&D) in electronics design and manufacturing in the country. These initiatives, inter alia, include:

(i) There are 5 R&D societies of the Department which undertake scientific and research activities :

a) SAMEER- mainly carrying out research and development in Microwave technology.

b) C-MeT - Mainly carrying out research in the domain of material technology pertaining to electronic application and also for the strategic sector.

c) C-DAC " undertaking R&D in the areas such as High Performance Computing, Multi-lingual Computing, Professional Electronics and Cyber Security, Health Informatics, Software Technologies, etc.

d) Media Lab Asia " Understanding research in the area of ICTs for Livelihood Enhancement, Health Care, Education, Agriculture and Empowerment of Differently abled.

e) ITRA " A programme for capacity and capability building of R&D in Electronics and Information & Communications Technologies.

(ii) The DeitY provides funding under several schemes for promotion of R&D, including support for International Patents in Electronics & IT (SIP-EIT); Multiplier Grants Scheme and Scheme for Technology Incubation and Development of Entrepreneurs (TIDE) in the area of Electronics.

(iii) For the promotion of Research & Development (R&D), a weighted deduction of 200% of expenditure incurred on in-house R&D in case of a company engaged in the business of electronic equipment, computers and telecommunication equipment is available under the Income Tax Act.

(iv) The National Policy on Electronics (NPE) has, interalia, the following initiatives to promote R&D for Electronics & Information Technology:

a) To create an Electronics Development Fund (EDF) in the ESDM, nano electronics and IT sectors to promote innovation and IP and R&D by providing funding to industry, academia and R&D institutions.

b) To develop electronic products catering to domestic as well as international needs at affordable prices.