

**GOVERNMENT OF INDIA  
SMALL SCALE INDUSTRIES AND RURAL AND AGRO INDUSTRIES  
LOK SABHA**

UNSTARRED QUESTION NO:4516  
ANSWERED ON:22.08.2001  
PROCESS AND PRODUCT DEVELOPMENT CENTRE  
BOLLA BULLI RAMAIAH

**Will the Minister of SMALL SCALE INDUSTRIES AND RURAL AND AGRO INDUSTRIES be pleased to state:**

- (a) the impact of several Process/Product Development Centres made in fostering export of these respective commodities;
- (b) whether the R&D efforts of these centres resulted in cost reduction, value engineering establishment of appropriate technology etc;
- (c) if so, the details of the same Centre-wise and Product-wise;
- (d) the number of such R&D efforts PATENTED by each of these Centres since then established;
- (e) whether in preparation for past WTO regime these Centres also propose to export their R&D efforts to Packaging in their respective Centres; and
- (f) if so, the details thereof?

**Answer**

THE MINISTER OF STATE (INDEPENDENT CHARGE) IN THE MINISTRY OF SMALL SCALE INDUSTRIES AND RURAL INDUSTRIES, MINISTER OF STATE IN THE DEPARTMENT OF PERSONNEL AND TRAINING, DEPARTMENT OF PENSIONERS WELFARE OF THE MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS AND MINISTER OF STATE IN THE DEPARTMENTS OF ATOMIC ENERGY AND SPACE (SHRIMATI VASUNDHARA RAJE)

(a) to (f): A Statement is laid on the table of the House.

Annexure - I

Statement referred to in reply to part (a) to (f) of the Lok Sabha Question No.4516 to be answered on 22.8.2001

(a) to (c): The Process-cum-Product Development Centres focus on providing technical support to a specific sector of the SSI by way of product development, quality improvement, value engineering, common facility services, training and consultancy and thereby, they help in making the SSI units more competitive and capable of exports. The details of R & D efforts by the six Process-cum-Product Development Centres of SIDO are as under :-

1. Process cum Product Development Centre, (PPDC) Agra.

PPDC, Agra helps the small scale casting and forging industries in addressing technological competitive strength both in global and domestic markets. The developmental activities taken up by the Centre and assistance rendered to the SSI units benefited the SSI units resulting in saving of coke, increase in the melt temperature and higher melt rate. Further, the Centre has developed energy sufficient cupola furnace through its R & D efforts benefiting about 55 small scale units. The Centre has also developed air pollution control system retrofitted over cupola furnace to contain emission level within the prescribed limits. Thirty units have installed the above system. It has assisted railway wagon builders for supplying the import substitute steel castings thereby saving the precious foreign exchange. The Centre has given the know-how on SG iron castings meant for automobile and engineering industries to two SSI units.

2. Process cum Product Development Centre, (PPDC) Meerut.

The R & D activities of PPDC-Meerut in the field of manufacturing of cricket ball, shuttle cock, cricket bat, table tennis bat, protective equipments for the cricket and hockey and boxing equipments have benefited the industry in cost reduction, value addition and in adoption of appropriate technology.

3. Centre for the Development of Glass Industry (CDGI), Firozabad

CDGI is helping the industry in development and standardization of different types of glasses like soda lime glass, borosilicate glass and crystal glass etc. It is also helping the industry in converting the age old coal fired gas furnaces into gas fired furnaces. This

institute is assisting the industry to adopt in plant quality control measures, regular testing of raw material and finished products enabling the industry to produce consistent quality at economical cost. Newer technologies for shaping the glass by spinning and injection moulding are being introduced. It is also helping the industry in adopting new techniques of decoration to produce value added products.

#### 4. Fragrance and Flavour Development Centre, (FFDC) Kannauj

FFDC is helping the industry in increasing their exports with quality control through a NABL accredited testing laboratory as also in imparting training to the personnel of the industry in achieving better productivity and value addition for their products. FFDC is also assisting BIS in framing national standards for the products in accordance with international standards. This Centre is also helping the industry in developing better blends for fragrances and flavours used in cosmetics, soaps & detergents, toiletries etc.

#### 5. Electronics Service & Training Centre (ESTC), Ramnagar

ESTC, Ramnagar has been set up with a view to assisting SSI's in the electronic, electrical and mechanical engineering sectors in areas of skill development, common services, quality control, reliability services etc. This Centre also provides consultancy to entrepreneurs and information through its library cum-documentation centre.

#### 6. Institute for Design of Electrical Measuring Instruments (IDEMI), MUMBAI

IDEMI, Mumbai has developed the know-how for Rotor Variable Differential Transformers (RVDT) used for level control and control valve applications, Electronic Valve Position Transmitter for control valve application and V-Square Hour Meter for endurance testing of GLS lamps. These instruments are import substituting and have been commercialised, resulting in saving of valuable foreign exchange. IDEMI has also been undertaking development works of precision parts / components to meet the requirements of Bhabha Atomic Research Centre, Mumbai. These parts/components are not only import substitute items and developed for the first time in the country but are also highly cost effective (1/3rd cost of the imported items).

(d): No R & D effort of these centres has so far been patented.

(e)&(f): For the benefit of small scale industries in the country, the Small Industries Services Institutes (SISIs) are regularly conducting training programmes on `Packaging for Exports` in collaboration with the Indian Institute of Packaging, Mumbai.