GOVERNMENT OF INDIA

MINISTRY OF MICRO, SMALL AND MEDIUM ENTERPRISES

**RAJYA SABHA**

**UNSTARRED QUESTION NO. 2990**

**TO BE ANSWERED ON 21.03.2018**

**Research and development programmes**

2990. SHRI SANJAY SINGH:

1. whether Government has introduced any research and development programmes for production and service rendering sectors in MSMEs;
2. if so, the details of the programmes or steps taken during the last three years, year-wise; and
3. if not, the reasons therefor?

**ANSWER**

MINISTER OF STATE (INDEPENDENT CHARGE)

 FOR MICRO, SMALL AND MEDIUM ENTERPRISES

 (SHRI GIRIRAJ SINGH)

(a) & (b): Yes, Sir. Government of India and its agencies like Council for Scientific and Industrial Research (CSIR), Coir Board, Khadi and Village Industries Commission (KVIC), Department of Biotechnology (DBT), Central Coir Research Institute (CCRI), etc., have schemes and programmes with a multi pronged approach including research and development for production and service rendering sectors in Micro, Small & Medium Enterprises (MSMEs) like:

* Technology up gradation, adoption of lean manufacturing techniques,
* Improvement in product design,
* Research & Development (R&D) Projects for development of Ceramic Heat Sink (CHS) for Led Bulbs, low thermal Cordierite Prorcelain Cook Wares, etc.,
* Modernization of Production Processes, Development of Machinery & Equipments, Testing & Service facilities, in coir sector.
* Creation of affordable products through various schemes like Biotechnology Ignition Grant (BIG), Small business Innovation Research initiative (SBIRI), etc.
* R&D initiatives undertaken by Ministry of MSME for the last three years include multiple spindle (upto 48) solar charkha, palm climbing device, bamboo sliver cum incense stick making machine, compression moulding machine for coir product, power loom to weave thin variety of coir fabric, bio-plastics from poly (lactic acid)/coir composites, coir tuft board, salt free reactive dying process for khadi, natural colors for clay Idols, solar water pump for remote villages, etc.

(c): Does not arise.

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