

LOK SABHA
STARRED QUESTION NO. *50
TO BE ANSWERED ON 06.12.2023

DEVELOPMENT OF TECHNICAL TEXTILES

*50. SHRIMATI HEMA MALINI:

Will the Minister of TEXTILES वस्त्र मंत्री
be pleased to state :

- (a) whether the Government is putting emphasis upon Research and Development of highly imported technical textile items globally in addition to import of dependent technical textile items and special fibers in the country;
- (b) if so, the details thereof;
- (c) whether the active and strong participation of Industry and Institute has been ensured for indigenous development of technical textiles in the country; and
- (d) if so, the details thereof?

उत्तर
ANSWER
वस्त्र मंत्री (श्री पीयूष गोयल)
MINISTER OF TEXTILES
(SHRI PIYUSH GOYAL)

(a) to (d):- A statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (A) TO (D) OF LOK SABHA STARRED QUESTION NO. 50 RAISED BY SMT. HEMA MALINI ON DEVELOPMENT OF TECHNICAL TEXTILES

(a) & (b): Technical textiles is also known as functional textiles which have technical properties and have functional use rather than only aesthetic purpose.

Technical Textiles is a niche sector which can have wider application in different sectors of the economy. Research and Development is very important to realise the true potential of this sector. It will ensure job creation, import substitution and increase in exports. 70% of the total global trade is in man-made fibre and Technical Textiles. This sector was neglected over many decades. But our Government is putting special efforts to realise the true potential of this sector.

The Government is laying a lot of emphasis upon Research & Development to develop technical Textiles and important fibres which are mainly imported in the country. With an aim to ensure import substitution as well as for realising the export potential of these technical textile items and special fibres, National Technical Textiles Mission (NTTM) has been approved with an outlay of Rs. 1,480 crore; with a four year implementation period from FY 2020-21 to 2023-24. The Mission has been further extended upto 31.03.2026. Out of total outlay of Rs.1,480 crore, Rs.1,000 crore are allocated for Research and Development only.

Under National Technical Textiles Mission, Government has approved research projects in specialty fibres like Carbon fibre, Aramid fibre, Nylon, Composites etc. as well as in different segments of Technical Textiles such as geo textiles, agro textiles, protective textiles, medical textiles, defence textiles, sports textiles etc. The main objective of the Mission is to strategically position the country as a prominent global leader in the field of technical textiles and reduce the dependency on the imports of Technical Textile items and Special Fibers.

(c) & (d): Under Component I of National Technical Textiles Mission relating to Research, Innovation & Development, 126 Research projects amounting to Rs. 371 crore (approx.) have been awarded to the country's prominent institutes such as Indian Institute of Technologies (IITs), National Institute of Technology (NITs), Council for Scientific and Industrial Research (CSIR), Indian Council for Agricultural Research (ICAR), Textile Research Association (TRAs) etc. The Government is ensuring active participation of Industry-Academia for indigenous development of technical textiles in the country through Public Private Participation (PPP). Details of the Institutes along with their industry partners for the approved research projects under NTTM is given at Annexure-I.

Annexure-I

Annexure referred to in reply to part (c) & (d) of Lok Sabha Starred Question No. 50 raised by Smt. Hema Malini regarding “Development of Technical Textiles” to be answered on 06.12.2023

Details of the Institutes along with their industry partners for the approved research projects under NTTM

S.No.	Name of the institute	Total no of projects sanctioned	No of projects having industry partners
1	IIT-Delhi	20	17
2	IIT-Hyderabad	7	6
3	IIT-Kharagpur	8	6
4	IIT-Bombay	3	1
5	IIT-Roorkee	4	4
6	IIT-Indore	3	3
7	IIT-Kanpur	6	6
8	IIT-Madras	5	4
9	IIT-Guwahati	1	Nil
10	IIT-Ropar	1	1
11	IIT-Bhubneshwar	1	1
12	IIT-Mandi	2	2
13	IIT-Jammu	3	3
14	IIT Jodhpur	1	1
15	IIT Bhilai	1	Nil
16	IISc-Bangalore	1	1
17	MNIT-Jaipur	2	2
18	NIFT-Telangana	1	Nil
19	NIT-Warangal	1	1
20	NIT-Puduchery	2	2
21	NIT-Trichy	1	1
22	NIT-Jalandhar	5	5
23	NIT-Durgapur	2	2
24	NIT- Karnataka	1	Nil
25	NITRA, Ghaziabad	5	5
26	BTRA, Mumbai	8	7
27	SASMIRA, Mumbai	3	3
28	SITRA, Coimbatore	2	2
29	WRA, Thane	1	1
30	ATIRA, Ahemdabad	1	1
31	ADRDE, DRDO-Agra	2	2
32	DRDE, DRDO-Gwalior	1	1
33	DRL, DRDO-Assam	1	1
34	IRMRA-Mumbai	2	2
35	IISER, Kolkata	1	1
36	ICAR, Kolkata	2	2
37	ICAR- CIRCOT	1	1
38	CSIR, AMPRI-Bhopal	1	1
39	CSIR, NCL-Pune	1	1
40	CSIR- NPL, New Delhi	1	1
41	CSIR- IICT Hyderabad	1	1

42	CSIR- CECRI	1	1
43	INST-Mohali	1	1
44	Bidhan Chandra Krishi Viswa vidyalaya, West Bengal	1	1
45	C S K Himachal Pradesh Agricultural University, Palampur	1	1
46	Punjab Engineering College	1	1
47	MIT&S- Gwalior	1	1
48	Thiagarajar College of Engineering, Madurai	1	Nil
49	Kishinchand Chellearam Colloge, Mumbai	1	Nil
50	UPTTI Kanpur	1	1
51	GCET&T , Serampore	1	1
