

GOVERNMENT OF INDIA
MINISTRY OF TEXTILES
RAJYA SABHA
UNSTARRED QUESTION NO-1598
ANSWERED ON- 31/07/2026

PROMOTION OF TECHNICAL TEXTILES

1598. SHRI SANJAY SETH:

Will the Minister of TEXTILES be pleased to state:

- (a) whether Government is promoting the adoption of technical textiles across strategic sectors such as healthcare, agriculture, defence and infrastructure under the National Technical Textiles Mission (NTTM), if so, the details thereof;
- (b) the policy measures introduced to support domestic manufacturing and R&D in high performance textile applications;
- (c) the manner in which these innovations are enhancing productivity, safety and income generation, especially for small farmers and rural entrepreneurs; and
- (d) the steps being taken to increase awareness, skilling and market access for MSMEs and startups in this emerging sector?

ANSWER

THE MINISTER OF STATE FOR TEXTILES
(SHRI PABITRA MARGHERITA)

(a) & (b): The National Technical Textiles Mission (NTTM) is focused on promoting indigenous development and commercialization of Technical Textiles products in various fields, including critical segments such as Agro-textiles, Geo-textiles, Medical Textiles, Industrial Textiles, Protective Textiles, etc. Under Component-I of NTTM, dedicated guidelines, namely "General Guidelines for Submission of Research Proposals" and "Guidelines to support indigenous development of high-end machinery, equipment, tools and testing equipment for Technical Textiles", have been issued to support fundamental and applied research and development in specialty fibres and niche Technical Textiles areas. A total of 184 research projects have been approved till date under NTTM.

(c): Under NTTM, one Climate-Smart Agro-Textile Demonstration Centre has been established at Navsari, Gujarat, to train farmers on the use and benefits of Agrotexiles products in crop protection and yield improvement. Further, the "Grant for Research and Entrepreneurship across Aspiring Innovators in Technical Textiles (GREAT)" scheme has been launched under

NTTM with an objective to support the start-up ecosystem in the Technical Textiles sector by providing assistance to young innovators, scientists, technologists, and start-up ventures in translating their ideas into commercial technologies & products and fostering a culture of rapid translation of ideas and prototypes into products through collaboration among various stakeholders and establishment of a robust start-up ecosystem in the Technical Textiles sector. A total of 31 start-ups have been approved under GREAT scheme.

(d): Under NTTM, public events, workshops, exhibitions, seminars, and outreach activities are organized. These initiatives are aimed at promoting the various components of the Mission and also provide a platform for researchers and start-ups to showcase their products and engage with industry stakeholders, including buyers and sellers, to encourage the scaling up of research outcomes and potential start-up projects.

Further, in order to build a skilled workforce for the technical textile industry, "General Guidelines for skill Development and Training of Candidates in Technical Textiles" have been issued for implementation across the country through empanelled research associations and industry bodies.
