

**ALLOCATIONS OF FUNDS TO R&D ACTIVITIES**

4061. SHRI MANI A:

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

- (a) the current status of research and development projects initiated under the National Technical Textiles Mission (NTTM) since its inception in 2020;
- (b) the number of projects approved and the total funds allocated for R&D activities;
- (c) the key areas of research, particularly in specialty fibers and geo-textiles; and
- (d) the outcomes or innovations achieved through these projects as on date?

उत्तर

ANSWER

वस्त्र राज्य मंत्री (श्री पबित्र मार्घेरिटा)  
THE MINISTER OF STATE FOR TEXTILES  
(SHRI PABITRA MARGHERITA)

**(a) & (b):** Under the National Technical Textiles Mission (NTTM), total 168 Research & Development projects of Rs. 509.8 crore have been approved till date. Project Completion Reports of 06 R&D projects have been received, out of which 02 projects have been closed.

**(c):** The research areas under NTTM includes fundamental research in thrust areas of speciality fibre like Carbon Fibre, Aramid Fibre, Nylon Fibre, and Composites & application based research in geotextiles, agro-textiles, medical textiles, mobile textiles and sports textiles and development of biodegradable technical textiles.

The specific research projects in speciality fibers includes the development of carbon fiber, meta-aramid fibers, high-performance gel-spun Ultra-High Molecular Weight Polyethylene (UHMWPE), flame-retardant Nylon-66 yarn, and bio-component fibers. Further, Mission is focusing on applications of geotechnical textiles for high-speed railway networks, roads, sub-zero temperature infrastructure, erosion control in North East Region (NER) & soft soils areas and structural geotextiles made from textile waste, etc.

**(d):** With the outcome of these research projects, the mission aims to improve penetration level of technical textiles in the country and to create an ecosystem for manufacturing of technical textiles through indigenous development of critical application areas and innovative solutions.

\*\*\*\*\*