

**INITIATIVES UNDERTAKEN UNDER NTTM**

2840. MS. S JOTHIMANI:

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

- (a) the specific initiatives have been undertaken under the National Technical Textiles Mission (NTTM) in Tamil Nadu over the past five years;
- (b) the details of projects, funding allocations and their current status in the last five years for the State of Tamil Nadu, district-wise;
- (c) whether the Government can provide a district-wise distribution of technical textile units established or upgraded in Tamil Nadu under the NTTM, along with details of the types of technical textiles being produced; and
- (d) the measures that have been taken to promote technical textiles in Karur and Vedasandur and its impact on production capacity and market expansion?

उत्तर

ANSWER

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

**(a) & (b):** Since the launch of the National Technical Textiles Mission (NTTM) from 2020-21, support is being provided for Research and Development, Start-ups, Skill Development, Export promotion in technical textiles. These initiatives are expected to benefit various technical textile clusters across India including clusters in the state of Tamil Nadu. The details of the research projects approved under NTTM, their funding allocations and current status for the State of Tamil Nadu are at **Annexure-A**.

**(c) & (d):** The scope of the Mission does not cover the establishment or upgradation of Technical Textiles units. However, the initiatives undertaken under NTTM towards development of new products, R&D activities, generation of domestic demand through market promotion, export promotion and skilling ecosystem have helped development of technical textiles industry across the country including Tamil Nadu. Further, to achieve these initiatives, three National/International conferences have been organized in association with the Government of Tamil Nadu.

**Details of research projects approved under NTTM, their funding allocations and current status for the State of Tamil Nadu**

<b>S. No.</b>	<b>Research Project Title</b>	<b>Implementing Institute</b>	<b>Approved Grant (INR)</b>	<b>Status of Project</b>
1	Design and development of facile high throughput needle less electrospinning set-up	SITRA, Coimbatore	1,89,65,000	Under Progress
2	Development of natural herbal extract coated seed protection bag using natural fiber with long lasting mechanical and insecticidal properties	SITRA, Coimbatore	50,00,000	Under Progress
3	Municipal Solid Waste (Soil Like Material) and Geotextile Interaction Study for Pavement Subgrade and Embankment Applications in Soft Ground	NIT-Trichy, Tiruchirappalli	30,31,520	Under Progress
4	3D Printed protein-based textile fibers	IIT-Madras, Chennai	1,00,00,000	Completion report is under evaluation
5	Studies on the Ballistic Energy Absorption of Polyethylene Coated Aramid Fabrics	IIT-Madras, Chennai	26,90,000	Under Progress
6	Additive Manufacturing of Technical Textiles for Sustainable Mobility-Agro Waste Based Materials and Product Design	IIT-Madras, Chennai	99,94,600	Under Progress
7	Boron-doped diamond coated corrosion-resistant carbon materials for electro-organic synthesis, energy, and clean water applications	IIT-Madras, Chennai	6,99,90,000	Under Progress
8	Fabrication of flexible conductive fibres/fabric for wearable electronic textiles	CSIR-CECRI, Sekkalakottai	1,00,00,000	Under Progress
9	Design and development of fabric antibody embedded matrix for tuberculosis screening	IIT-Madras, Chennai	50,00,000	Under Progress
10	Conductive yarns embroidered e-textile wearable systems for health and sports application.	CSIR-CECRI, Sekkalakottai	55,54,800	Under Progress
11	Development of Seaweed-derived Cellulose and Phytochemicals as Cost-efficient Additive Composite for Medical-grade Textiles	CSIR-CECRI, Sekkalakottai	51,48,264	Under Progress

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