



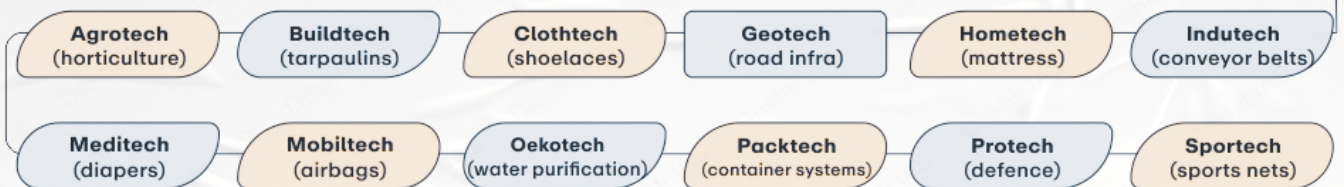
Technical Textile

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TECHNICAL TEXTILE

Technical or engineered textiles are defined as products, materials, and fibres that are used for functional rather than aesthetic purposes.

12 APPLICATION SEGMENTS



SIZE OF TECHNICAL TEXTILES MARKET

- ↳ Indian - USD 23 bn (2023)
- ↳ Global - USD 202.93 bn (2023)

EMPLOYMENT STATUS

- ↳ Contributes 2.3% to India's GDP
- ↳ 13% of industrial production, 12% export earnings

LEADING COUNTRIES

- ↳ China, US and Germany (60% of annual output)
- ↳ India - 5th largest producer (however, <2% share in global export market)

NATIONAL POLICIES AND SCHEMES

- ↳ National Technical Textiles Mission (NTTM)
- ↳ Technology Mission for Technical Textiles (TMTT)
- ↳ Technology Upgradation Fund Scheme (TUFS)
- ↳ Scheme for Integrated Textile Parks (SITP)
- ↳ PLI Scheme

FDI POLICY IN INDIA

- ↳ 100% FDI approved under automatic route
- ↳ Mauritius, Belgium - Top 2 FDI sources

OTHER INITIATIVES

- ↳ Textile Research Associations (TRAs)
- ↳ Centres of Excellence (COEs)
- ↳ Focus Incubation Centres

CHALLENGES FOR INDIA'S TECHNICAL TEXTILES INDUSTRY

- ↳ Inadequate production of High Performance Fibres
- ↳ Lack of entrepreneurship-culture and absence of skill-training
- ↳ Lack of globally-aligned quality standards
- ↳ Inadequate R&D facilities



Drishti IAS

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