TEXOSPEC

FASHION SPEC & BRAND STUDIO



About Us



A

Introduction

TEXOSPEC is far more than a CAD drafting or technical specification studio—we are a 360° Fashion Incubation and Brand Venture Studio. We bridge creativity and precision to support fashion brands from concept to consumer ready- empowering founders, startups, and enterprises with end-to-end solutions that transform ideas into scalable, market-ready fashion brands.

01

Brand Architecture & Statutory Setup

We help you build a strong legal and operational foundation. From private limited company registration and trademark filing to brand naming, business licensing, and statutory compliance—we ensure your brand is built on a future-ready, legally secure structure.

02

Precision CAD & Pattern Engineering

Our in-house CAD and pattern experts deliver exact-fit digital patterns, size grading, tech packs, and marker planning that meet industry standards and production expectations.

Vision, Mission & Core Pillars

OUR VISION

To establish Kerala as a globally recognized fashion design powerhouse—building an advanced, metropolitan-grade fashion ecosystem on par with the nation's premier metropolitan fashion hubs, and directly bridging homegrown creative talent to the national and international fashion market.

OUR MISSION

- **Reclaiming Designer Identity:** Empowering fashion design graduates by transitioning them from retail sales floors into confident, respected, industry-leading design professionals.
- **Metropolitan-Grade Technical Training:** Equipping emerging designers with high-precision digital CAD pattern engineering, 3D prototyping, and factory-standard technical specifications.
- **Collaborative Creative Community:** Fostering a dynamic designer collective where talent collaborates, innovates, and co-creates original apparel lines.
- **Independent Brand Incubation:** Providing structural, technical, and commercial mentorship to transform creative garment concepts into viable, enduring fashion labels.



OUR CORE PILLARS

01 / CAD & Technical Design:
Digital Pattern Engineering, Precision Grading & Zero-Error Tech Packs.

02 / Strategic Manufacturing:
Prototyping, Fabric Sourcing & Supervised Ethical Bulk Production.

03 / Brand Identity & Legal:
Trademark Guidance, Commercial Incorporation & Asset Protection.

04 / Digital Commercialization:
E-Commerce Launch Strategy, Social Positioning & Growth Marketing.

CORE SERVICE PILLARS

01 Pillar 01: Brand Identity & Legal Structuring



- Trademark Filing Support & Classification Strategy (Class 25, Class 40,)
- GST Registration & Statutory Compliance
- Brand Naming, Typography & Vector Logo Architecture
- Brand Identity Guidelines (Color Systems, Typography, Colateral)

02 Pillar 02: CAD Pattern Engineering & Technical Design



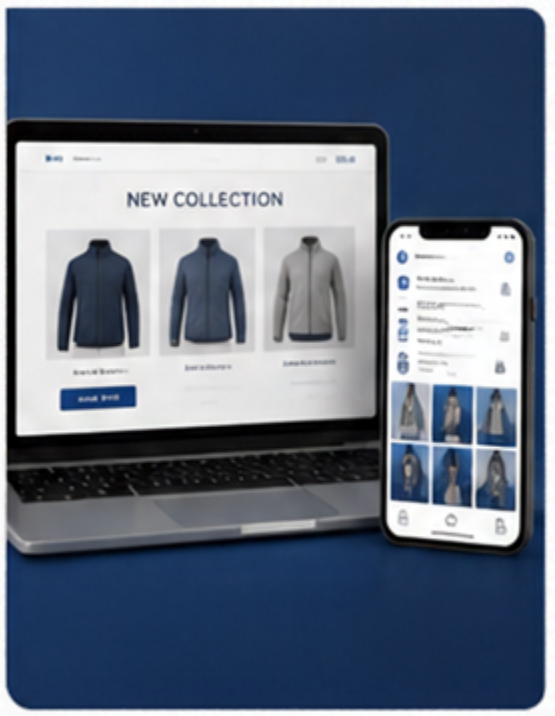
- Digital 2D/3D Pattern Drafting & Prototyping
- Precision Grading Across Multi-Size Garment Runs
- Production-Ready Tech Packs (Measurement Charts, Stitch Specs, Bill of Materials)
- Fit Correction & Tolerance Optimization

03 Pillar 03: Prototyping, Manufacturing & Packaging



- End-to-End Fabric & Trim Sourcing Guidance
- Fit Sample Development & Pre-Production Approval
- Managed Ethical Production via Strategic Manufacturing Partners
- Custom Neck Labels, Care Tags, Hangtags & Retail Packaging

04 Pillar 04: Commercialization & Digital Marketing



- E-Commerce Setup (Shopify / Direct-to-Consumer Architecture)
- Brand Launch Strategy & Social Media Positioning
- Visual Catalog Consulting & Lookbook Architecture
- Performance Marketing & Funnel Optimization

Brand Philosophy & Visual Identity

The Name Breakdown (TEXO + SPEC):

T

Texo

Derived from the Latin root for weaving, constructing, and fabric creation—symbolizing material science, textile craftsmanship, and design origin.

S

Spec

Short for Technical Specifications—representing millimeter accuracy, engineering discipline, and factory-ready blueprints.

The Emblem Architecture ("TS' Monogram):



Faceted Panel Engineering

The geometric facets of the monogram reflect industrial pattern drafting, where 2D panels are engineered before assembly.



2D-to-3D Isometric Transition

The folded isometric structure visually depicts the transformation of a flat 2D vector sketch into a living 3D gement.



Interlocking Structural Seam

The letter 'T' seamlessly anchors into the angles of 'S', mirroring a secure seam stitch and symbolizing flawless alignment between studio and official.

Official Brand Color Palette:

Sapphire Royal Blue

Represents technical excellence, digital innovation, and global manufacturing trust.

#0047ab / #0d3b8e

Brushed Silver / Chrome Grey

Reflects industrial machinery, precision drafting, and balanced architecture.

#bbbabc / #e2e4e6

Studio Clean White

Provides a high-contrast foundation symbolizing clarity, accuracy, and zero error documentation.

#ffffff

Core Services & Capabilities

B Strategic Manufacturing & Custom Packaging

Through our strategic manufacturing partners, we oversee fabric sourcing, rapid prototyping, and bulk apparel manufacturing under rigorous technical supervision—delivering finished garments complete with custom brand labeling, tags, and retail-grade packaging.



03 Go-To-Market & Digital Growth

We help fashion designers build visibility, engage audiences, and scale their brands through targeted digital marketing, influencer collaborations, and marketplace activation—turning creativity into commercial success.



04 From Concept to Retail

From initial sketches to store-ready collections, we manage every stage of the apparel journey—design development, sampling, quality control, packaging, and global logistics—ensuring seamless execution and retail excellence.

Core Services & Capabilities

Factory-Ready 2D Tech Packs & Multi-Platform CAD Drafting

01 Precision Vector Flats

Detailed technical flats drafted using a specialized workflow across Adobe Illustrator, CLO 3D, and Seamly2D, covering front, back, internal construction, and profile views with explicit stitch callouts (SPI, stitch classes, seam types).

02 Digital Pattern Drafting (Seamly2D & CAD)

Parametric 2D pattern construction, sizing grading, and accurate dimensional layouts developed through Seamly2D for scalable production.

03 Points of Measure (POM) & Sizing Charts

Comprehensive measurement specifications spanning standard to extended size curves (XS to XXL+) with strict industrial tolerances.

04 Bill of Materials (BOM)

Itemized breakdown of primary shell fabrics, linings, trims, threads, interlinings, closures (zippers, buttons), and packaging guidelines.



D

Custom Graphic Tee Design & Apparel Artworks



Creative Graphic Development

High-impact illustrations, typography graphics, and custom concepts developed using Procreate, Adobe Photoshop, and Adobe Illustrator for streetwear and D2C graphic t-shirt collections.

Print-Ready Color Separations

High-resolution digital files (300 DPI / Vector) delivered in CMYK with Pantone Textile (TCX/TPX) color matching for DTF, DTG, screen printing, and puff printing.

1:1 Scale Placement Mapping

Exact artwork sizing, chest/back placement guides, and collar distance coordinates to ensure error-free printing on the factory floor.

E On-Demand 3D Digital Sampling & Customized Pattern Engineering





Custom 3D Patterns (On-Demand)

Customized digital pattern engineering using CLO 3D tailored specifically for clients requiring digital pattern validation and direct production files.



Virtual Fit & Drape Prototyping

Realistic fabric drape, stress/tension mapping, and fit testing simulated on customizable 3D digital avatars prior to fabric cutting.



Accelerated Sampling Cycles

Digital fit verification that eliminates up to 60% of traditional sample turnaround times, minimizing fabric scrap waste.



High-Resolution 3D Visuals

Photorealistic 3D renders and turntable views suited for buyer presentations, digital lookbooks, e-commerce testing, and pre-order launches.

Why TEXOSPEC?

F The TEXOSPEC Advantage

01 Precision Blueprints vs. Vague Sketches

Instead of hand sketches or uncalibrated mood boards, our 2D tech packs provide exact stitch specifications, seam allowances, and measurement callouts that factories can execute without guesswork.



02 Fewer Physical Sample Rounds

While traditional apparel development requires multiple physical sample rounds, our 3D virtual fit simulation validates drape and fit digitally before a single fabric is cut.



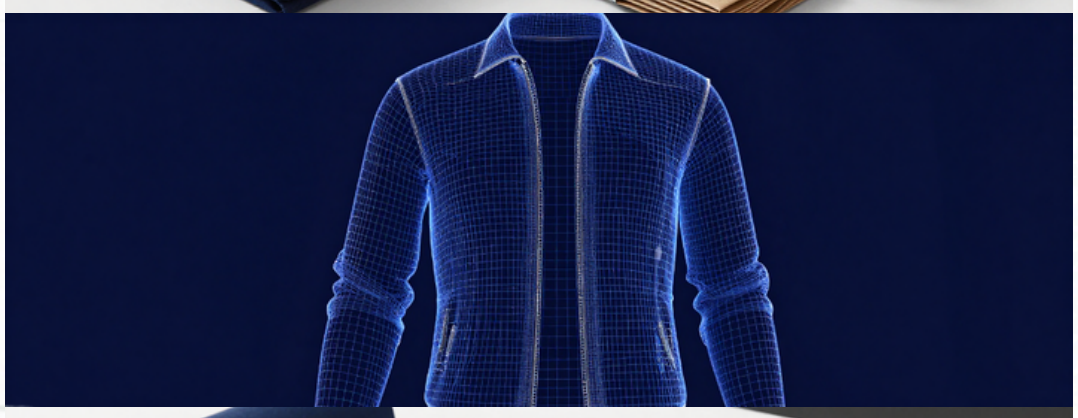
03 Cost-Efficient & Sustainable Prototyping

Virtual drape analysis and exact Bill of Materials eliminate fabric scrap waste and reduce production costs.



04 Factory-Floor Compatibility

Our tech packs speak the technical language of industrial cut-and-sew production, from POM charts to BOM breakdowns.



05 Empowering Homegrown Design Talent

Instead of letting qualified regional fashion graduates leave the industry, we build a skilled technical drafting workforce in Kerala.



Technical Standards & Production Output

File architecture, colour calibration and factory-ready output



01 Standardized PDF Architecture

Every tech pack is delivered as a structured, multi-page vector PDF with outlined typography (Ctrl + Shift + O), preventing font-missing errors on factory computer terminals.

02 Color Calibration

Digital files are calibrated in sRGB for client screen reviews and CMYK + Pantone Textile Color System (TCX/TPX) for production dyeing and textile printing.

03 Manufacturing Utility

Vector graphics are directly usable for screen printing and digital garment printing, and 1:1 scale patterns can be sent directly to wide-format plotters for sample cutting.

The industry problem, our solution and the talent we elevate



The Industry Problem

Apparel brands consistently face high sample rejection rates, miscommunications with offshore cut-and-sew factories, and excessive fabric scrap waste due to incomplete or inaccurate technical specifications.

Our Solution

We eliminate production bottlenecks by providing millimeter-accurate 2D tech packs, Points of Measure (POM), Bill of Materials (BOM), and digital 3D virtual fit simulations.

01 Meaningful Career Creation

Providing qualified fashion graduates in Kerala with legitimate technical roles, including Technical Flat Drafter, Specification Engineer, and 3D Apparel Technician.

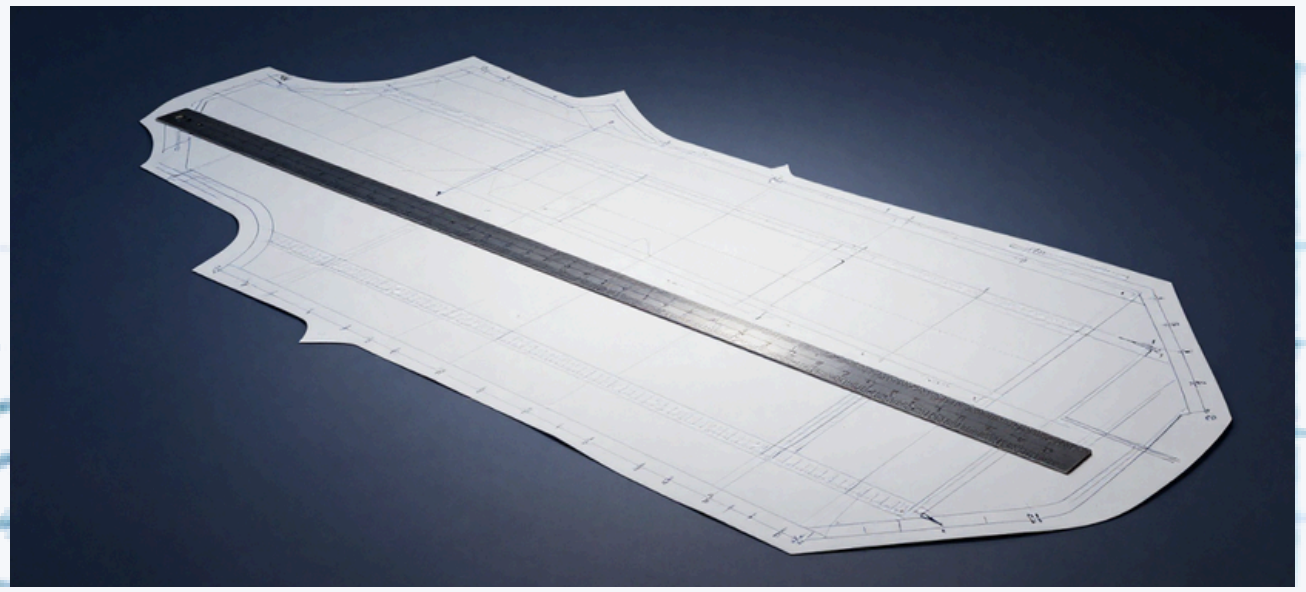
02 Continuous Industrial Upskilling

Providing structured training in Adobe Illustrator vector drafting, pattern logic, garment grading, and cutting-edge 3D apparel simulation software.

1. Production Blueprint & Client Deliverables

Precision engineering, zero-defect manufacturing and scalable production

We bridge the gap between creative concept and commercial bulk manufacturing. Every project completed at our studio delivers a fully integrated, factory-ready technical package—eliminating miscommunication, reducing material waste, and guaranteeing fit consistency across manufacturing floors globally.



1. Graded Pattern Chart

Purpose: Structural integrity, precision fit, and minimal cut-loss. Master patterns are mathematically engineered in industry-grade CAD software, ready for manual cutting tables and automated CNC lines.

01 **Digital Master Patterns**
Complete CAD production files in universal industry formats: .DXF, ASTM/AAMA standard, and 1:1 scale plotted .PDF.

02 **Multi-Size Grading Matrix**
Proportional grading from XS through 3XL+ that preserves structural balance, drape, and silhouette intent across all sizes.

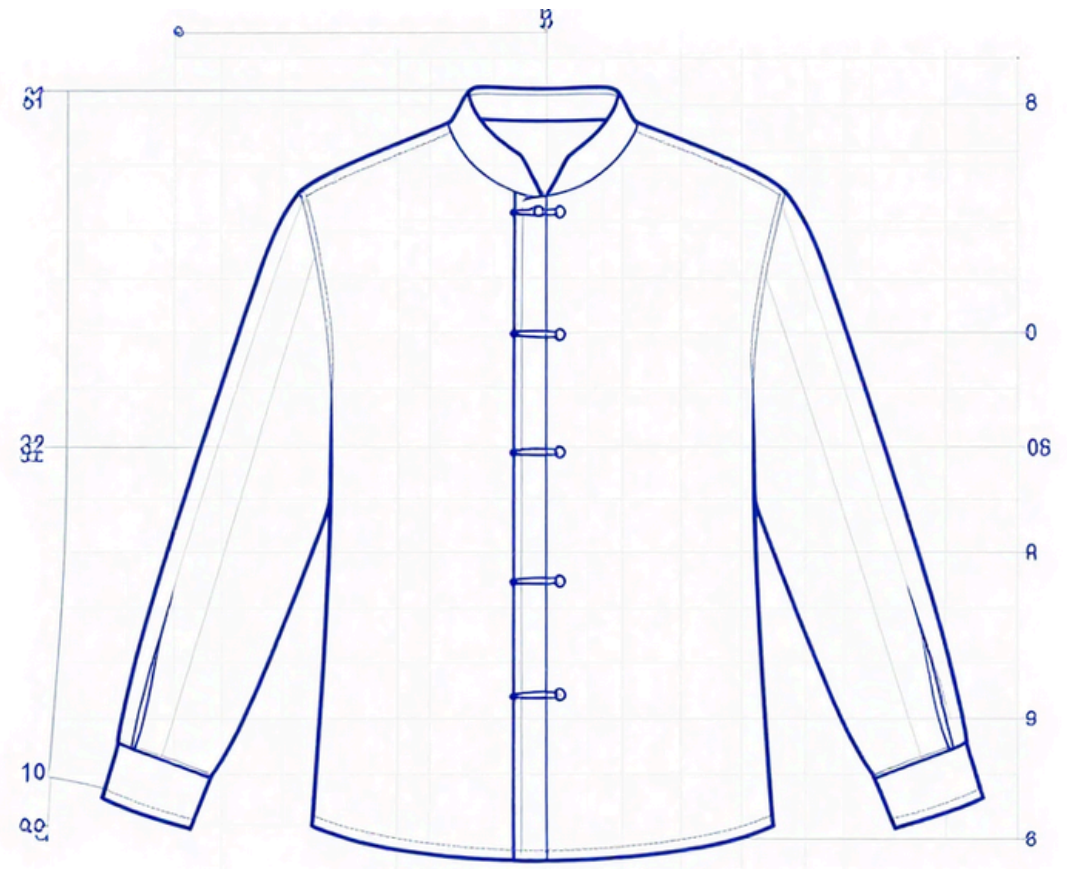
03 **Marker Planning & Yield Optimization**
Intelligent nesting calculations designed to reduce cut-room fabric loss and optimize material efficiency.

04 **Assembly Engineering**
Fully integrated seam allowances, alignment notches, grainlines, and drill placements for factory tailors.

2. Design Specification Chart (Spec Sheet)

Purpose: Unambiguous quality control, standard fit, and assembly guidelines.

The comprehensive technical reference document that defines every physical parameter of the garment, holding production units strictly accountable to quality benchmarks.



Points of Measure (POM) Matrix:

Complete dimensional specification table covering all critical measurement points across the entire size gradient.

Industrial Tolerance Limits:

Clear plus/minus (\pm) measurement tolerances established to ensure strict quality audits during inline and final inspections.

Technical Construction Directives:

Stitch parameters including Stitches Per Inch (SPI), seam classification codes (ISO/ASTM), and thread tension specifications.

Artwork & Hardware Placement:

Exact millimetric positioning for graphics, embroideries, woven tags, buttons, eyelets, and brand trims.

3. Detailed Cost Sheet (Pre-Production Costing)

Purpose: Financial transparency, margin forecasting, and sourcing efficiency.

A line-by-line financial breakdown that gives brand founders complete clarity on manufacturing expenses and raw material consumption before bulk fabric is purchased.

PRE-PRODUCTION

Costed line by line, before bulk fabric is purchased.

01

Fabric Consumption & Yield Modeling

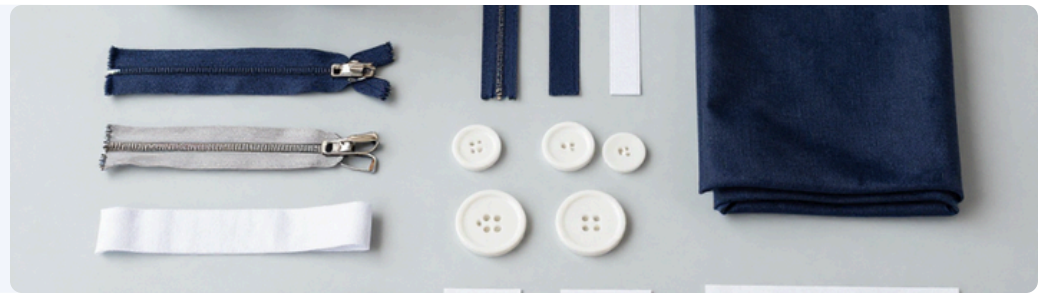
Accurate yardage/meter calculations per garment to ensure precise fabric procurement and avoid deadstock.



02

Bill of Materials (BOM) Valuation

Exhaustive accounting of all components—shell fabrics, linings, ribbing, zippers, interlinings, threads, and packaging.



03

CMT & Labor Projections

Transparent cost modeling for Cut, Make, and Trim (CMT), specialized wash/dye treatments, and garment finishing.



04

Target FOB & Margin Architecture

Clear per-unit base manufacturing cost projections, empowering brands to establish sustainable wholesale and retail pricing.



The Client Advantage

True Factory Independence

Take these blueprints to any domestic or overseas manufacturer and initiate bulk sampling immediately.

Zero Technical Ambiguity

Eradicates the endless back-and-forth and expensive sampling errors common with vague fashion sketches.

Commercial Scalability

Built from day one to support collections scaling from 100-piece pilot runs to 50,000-unit mass productions.

Company Details & Overview

I Brand identity, operating model and core technical deliverables

01 Brand Name

TEXOSPEC (Fashion Spec & Brand Studio)

02 Headquarters

Calicut, Kerala, India

03 Business Model

TEXOSPEC helps apparel brands turn ideas into market-ready products through CAD design, clear technical specifications, brand setup, and production support. This helps teams prepare confidently for manufacturing while building a strong foundation for long-term digital growth.

04 Core Deliverables

2D CAD Flats, Production Tech Packs,
3D Virtual Garment Samples,
Graded Spec Sheets

05 Primary Tools

Adobe Illustrator, Adobe Photoshop,
Seamly 2D, CLO 3D, and Procreate

06 Official Email

texospec@gmail.com

Phone

+91-8921710617

