CROPLOT MACHINE LEARNING PRIVATE LIMITED

Company Profile

Skilling and cluster development for apparel manufacturing and handloom & craft clusters

About Croplot

Croplot Machine Learning Private Limited is a Hyderabad-based company working across two connected sectors — apparel manufacturing skilling and handloom & craft cluster development.

Our apparel training is aligned to NSQF levels and AMHSSC (Apparel, Made-ups and Home Furnishing Sector Skill Council) qualification packs, with a certification pathway for candidates. Training is delivered by our own in-house trainers, on-site at the client's unit or inside the cluster — not subcontracted, and not delivered remotely.

We bring shop-floor training expertise together with cluster development practice, so a weaving community and a garment factory floor are treated as the same kind of problem: skills, quality and market access, built to last. Every engagement is designed with a clear path to handover, so capability stays with the client or producer group rather than depending on us.

How we work

NSQF & AMHSSC aligned

Apparel training mapped to national skill standards and Sector Skill Council qualification packs, with assessment and certification for candidates.

Our own trainers

Delivery is by Croplot's in-house trainers. We do not subcontract training to third-party providers.

On-site, not remote

Work happens on the production floor or inside the cluster, on the client's own machines and looms.

Built for handover

Every engagement has an exit plan. Capability transfers to the client or producer group.

Pan-India delivery

Registered in Telangana, undertaking assignments across India in both sectors.

Who we work with

Apparel manufacturing units and export-oriented units; NSDC centres, ITIs and vocational training institutes; handloom and craft clusters; weaver SHGs, cooperatives and producer companies; state rural livelihood missions, development agencies and government programmes; and design and academic institutions.

Services — Apparel Manufacturing

Sewing Machine Operator Training

NSQF and AMHSSC-aligned training for tailors and machine operators, delivered on the client's own machines and live product styles. Covers industrial machine operation, seam and construction types, fabric handling, in-process quality checks, line discipline and workplace safety. Separate tracks for fresh recruits and for upskilling existing operators.

Supervisor & Executive Training

Capability building for line supervisors, in-charges and production executives. Covers line balancing, production planning, work study fundamentals (SAM, efficiency, capacity), in-process quality systems, WIP control, daily reporting and people handling — worked through the unit's own line data.

Production Process Improvement

On-floor diagnostic and intervention to raise efficiency and stabilise quality using existing machinery and workforce. Covers line balancing, bottleneck removal, layout and material-movement review, quality system design, rework reduction and SOP development, measured against an agreed baseline.

New Apparel Unit Establishment

End-to-end support for setting up a new manufacturing unit: product mix and capacity planning, floor layout, vendor-neutral machinery specification, workforce recruitment and initial NSQF-aligned training, production and quality system setup, through to ramp-up.

Industry–Training Centre Linkage

Connecting certified candidates from NSDC centres, ITIs and vocational institutes to live openings at apparel manufacturing units. Includes candidate profiling by trade and NSQF level, requirement mapping, placement coordination, pre-placement orientation and post-joining follow-up.

Services — Handloom & Craft Clusters

Common Facility Centre Development

Shared dyeing, warping, pre-weaving and quality testing infrastructure for clusters, specified for the cluster's actual fibre and product range. Critically, the operating model — usage scheduling, charging, maintenance and consumables — is designed alongside the physical build, and local operators are trained to run it.

Design Diversification & Intervention

Product range expansion and hands-on design development worked on the loom with weavers: sarees, dress materials, dupattas, stoles, home textiles and apparel fabrics. Designs are costed against cluster rates and developed against identified demand, while building design capability inside the cluster.

Cluster Training Workshops

On-site workshops for weavers, artisans, SHGs and producer groups, delivered inside the cluster on their own equipment. Covers loom operation and productivity, dyeing and colourfastness, quality standards, costing and pricing, basic enterprise accounting and digital literacy.

Craft Documentation

Systematic recording of traditional techniques, motifs, processes and tools, including oral knowledge from senior practitioners. Output is structured as both a permanent archive and usable training material, and can support GI applications and institutional recognition.

Revival of Crafts & Arts

Projects to bring back crafts at risk of decline: assessment, urgent documentation, reintroduction of lapsed techniques, training a new practitioner base, contemporary product development using the revived technique, and market development so the craft can sustain itself.

How an engagement runs

01 Baseline & gap study	02 Capacity building	03 Infrastructure & market	04 Handover
Production capacity, skill gaps and market position assessed on the ground.	Hands-on training on the client's own machines or looms.	Common facilities, process systems, design and buyer connection.	Systems and capability transferred; a clear exit.

Company details

Legal entity	**Croplot Machine Learning Private Limited**
Registered office	**Flat #214D, Niligiri Block, Aditya Enclave, Ameerpet, Hyderabad - 500038, Telangana, India**
Phone	**+91 40-40207249**
Email	**info@croplot.in**
Website	**www.croplot.in**
GSTIN	**36AAJCC1120F1Z7**
Training alignment	**NSQF / AMHSSC qualification packs**
Trainer model	**In-house trainers (not subcontracted)**
Delivery reach	**Pan-India**
Sectors	**Apparel manufacturing; Handloom & craft clusters**