CROPLOT MACHINE LEARNING PRIVATE LIMITED

Services Overview

Ten service lines across apparel manufacturing and handloom & craft clusters

Each service below can be delivered standalone or as part of a combined programme — for a single manufacturing unit, a cluster, or a government livelihood mission. Apparel training is NSQF and AMHSSC aligned and delivered by Croplot's own in-house trainers, on-site, across India.

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.

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.

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**

Additional documentation for tender or empanelment submissions can be provided on request. Contact info@croplot.in or +91 40-40207249.