



CORRUGATED CUSTOMIZED BOX MANUFACTURING UNIT

(Under Vyaparasetu Ecosystem Enabling Initiative / NGO-YOHYWA)

Orientation & Industrial Incubation Summary



1. INTRODUCTION

The **Corrugated Customized Box Manufacturing Unit** is an industrial incubation project established under the **Vyaparasetu Ecosystem Enabling Platform (VEEP) Initiative of NGO - Youngsters of Hyderabad Youth Welfare Association**.

This program supports aspirants who want to enter the **high-demand packaging industry**, producing **corrugated shipping cartons, FMCG boxes, e-commerce packaging boxes, and custom printed corrugated solutions** for MSMEs, startups, retail chains and logistics companies.

Unlike traditional manufacturing units that suffer from unstable markets, lack of buyers, technical confusion and operational risks, this incubated unit provides:

- A guaranteed buyer ecosystem
- Full legal, technical and operational supervision
- Subsidy-supported investment model
- Plug-and-play manufacturing system
- Vendor tie-ups for raw materials, dies, inks, boards & adhesives

The aspirant becomes an **industrial entrepreneur** who owns and operates a profitable packaging unit supplying to **PHUGAT KI CHAI, Zamchai distribution, Other Vyaparasetu MSMEs, Retail Supermarkets, Garment Commercial Units, Cloud Kitchens, Gifting units, Food brands, Pharma MSMEs, and E-commerce sellers**.

This is not a generic business opportunity — it is a **scientifically engineered, industrially stable, legally protected manufacturing ecosystem** backed by a credible NGO.

2. VISION AND MISSION

Vision

To develop one-stop-solution point for corrugated packaging manufacturing units across Telangana by 2027, empowering youth and women entrepreneurs with a stable, evergreen, subsidy-backed manufacturing opportunity that supports India's transition to sustainable and customized packaging.

Mission

To provide fully incubated corrugated manufacturing units with guaranteed buyer networks, technical support, quality assurance, and ecosystem-driven

procurement under the Vyaparasetu Industrial Framework — ensuring long-term profitability, economic upliftment and sustainable growth.

3. WHY THIS OPPORTUNITY IS UNIQUE

1. **Guaranteed packaging demand** from over 250+ MSMEs under Vyaparasetu, PKC, Zamchai & affiliated brands.
2. **Premium margins** through custom printed boxes and die-cut products.
3. **High-repeat business model** — clients reorder every 7–20 days.
4. **Subsidy of ₹24,00,000** reduces capital burden by 10%.
5. **NGO-managed legal, vendor, procurement and compliance systems.**
6. **Zero marketing burden** — ecosystem offers immediate buyers.
7. **No need for technical experience** — full training and SOP-driven production.
8. **Complete machinery procurement + installation + quality testing** done by NGO.
9. **Industrial asset creation** with continuous market expansion.
10. **Very low failure risk** — packaging industry has permanent demand across sectors.

This model replaces uncertainty with **structured industrial stability**.

4. PRODUCT PORTFOLIO

The unit will produce high-quality corrugated boxes in multiple categories:

Disposable Cutlery Making Raw Cut-Sheets

- White Single Layered (Paper Cups)
- Brown & Green (Paper Plates)

Standard Shipping Boxes (Brown)

- 3-ply
- 5-ply
- 7-ply heavy-duty

Customized Printed Boxes

- FMCG product boxes
- ZAMCHAI tea powder packaging boxes
- PKC branded packaging boxes for pizza, burger and sand witches.
- Retail product boxes
- Premium gifting boxes

Die-Cut / Punching Boxes

- E-commerce product boxes
- Garment packaging boxes
- Cloud kitchen delivery boxes
- Bakery packaging boxes

Specialty Boxes

- Fragile product boxes
- Partitioned corrugated boxes
- Food-grade laminated boxes

All products comply with **industry standards for strength, moisture resistance, load capacity and print clarity.**

5. BUSINESS MODEL

The business operates under an **industrial production-cycles + guaranteed buyer ecosystem** structure:

- The entrepreneur owns and operates the corrugated box manufacturing setup.
- NGO provides machinery, installation, vendor tie-ups, and production SOPs.
- Vyaparasetu ecosystem provides **guaranteed buyer orders** from PKC, Zamchai, MSMEs, and partner brands.
- Raw materials (kraft paper, adhesives, inks, dies) are procured through **pre-negotiated NGO vendor networks** ensuring low cost and high margins.
- Finished goods are supplied to ecosystem buyers at fixed procurement prices.

The entrepreneur focuses solely on **daily production, operations, quality and delivery.**

6. SETUP COST & INVESTMENT STRUCTURE

Total Industrial Project Cost : ₹2,40,00,000 (Two Crore Fourty Lakhs)

Expense Head	Estimated Cost
Corrugation Machine Setup	46,00,000
Sheet Cutter, Board Cutter	13,00,000

Expense Head	Estimated Cost
Printing Machine	84,50,000
Pasting Machine	11,50,000
Stitching & Punching Machine	6,50,000
Die Tools, Moulds, Printing Plates	9,00,000
Electrical Work, Installation & Testing	2,00,000
Initial Raw Materials	12,00,000
Branding, Registration, Licensing	4,00,000
Automated Software Tools, AI Premiums & Website	2,80,000
Transportation & Logistics	5,20,000
Contingency	6,00,000
Total Project Cost	= ₹2,40,00,000
Owner Aspirant Contribution (Investment)	= ₹2,16,00,000
NGO Subsidy (Non-Refundable)	= ₹ 24,00,000

The aspirant receives a **full factory setup, installed, tested and ready for production.**

7. NGO SUPPORT STRUCTURE

NGO-YOHYWA will manage:

- Machinery procurement & installation
- Electrical panel setup & industrial safety guidance
- Vendor tie-ups for raw materials
- Documentation for all registrations
- Training for staff & entrepreneur
- Monthly audit & performance monitoring
- Branding & packaging design support
- Printing plate creation support
- Business insurance assistance
- Quality assurance framework

This structured support ensures the unit reaches operational stability within **1 Year.**

8. ENTREPRENEUR RESPONSIBILITIES

The owner aspirant must:

- Manage space rental, electricity and manpower wages
- Maintain machinery hygiene, daily lubrication & cleaning
- Follow quality standards and brand integrity guidelines
- Submit monthly production & sales reports
- Ensure timely deliveries to ecosystem buyers
- Uphold ethical & transparent operations
- Comply with safety regulations

9. FINANCIAL PROJECTIONS

Monthly Revenue Projection

Average clients from ecosystem + external buyers:

- Vyaparasetu's Startup-MSME orders : ₹10 – ₹25 lakhs
- E-commerce (Online/Website) orders : ₹10 – ₹15 lakhs
- Phugat Ki Chai + Zamchai : ₹10 – ₹12 lakhs
- Retail packaging : ₹ 5 – ₹10 lakh

Estimated Monthly Revenue	:	₹35,00,000 – ₹62,00,000
Estimated Net Profit (11%)	:	₹3,85,000 – ₹6,82,000 per month
Yearly Net Profit	:	₹46,20,000 – ₹81,84,000 per annum
ROI Timeline	:	3–5 years

10. LEGAL FRAMEWORK AND COMPLIANCE TERMS

(Structured similar to uploaded PDF)

1. All machinery remains under **NGO supervision** until 12 months of stable operation.
2. Subsidy of ₹24 lakhs is **non-refundable**.
3. Entrepreneur cannot sell, mortgage, lease or shift machinery without NGO approval.
4. Monthly compliance reports must be submitted.
5. Any breach results in termination and re-allocation of unit.
6. All disputes fall exclusively under **Hyderabad jurisdiction**.
7. Branding, designs & packaging templates are protected under Copyright Act 1957.

11. RISK MITIGATION AND SUSTAINABILITY PACKAGE

If business faces genuine financial stress after 1 year despite compliance:

- NGO may provide temporary ESP (Entrepreneur Sustainability Package) support
- Additional MSME leads
- Temporarily absorb 20–30% procurement quantities
- Provide raw material vendor credit support (*case-to-case*)

This mitigates business risk.

12. EXPANSION AND FUTURE PROSPECTS

After 12 months, the unit becomes eligible for:

- 7-ply heavy-duty box production
- Pizza boxes
- Corrugated partitions
- Luxury printed boxes
- Export-grade boxes
- Ordering secondary machinery through NGO network
- Multiple ecosystem franchise supply opportunities

13. CONCLUSION

This Corrugated Customized Box Manufacturing Unit is an **industrial-grade, high-demand manufacturing project**, engineered to provide:

- Strong guaranteed demand
- Sustainable monthly profits
- Asset-based industrial stability
- Subsidy-based financial comfort
- NGO-supervised operations

It transforms the aspirant into a **self-reliant industrial entrepreneur** with a lasting and scalable manufacturing business.

0 ANNEXURES — CORRUGATED CUSTOMIZED BOX MANUFACTURING UNIT
(Under Vyaparasetu Ecosystem Enabling Initiative by NGO – YOHYWA)

ANNEXURE A – PROFIT FLOW CHART & FINANCIAL TRAJECTORY

A.1 Monthly Revenue Flow Structure

Stage	Estimated Revenue (₹)	Approx. Gross Margin (%)	Net Margin (%)	NGO Ecosystem Contribution (10%)	Entrepreneur Retained Profit
Month 0–12	0	0	0	0	0
Month 13–36	35,00,000 – 62,00,000	45%	11%	₹38,500 – ₹68,200	₹3,46,500 – ₹6,13,800
Month 36–120	62,00,000 – 1,62,00,000	45%	11%	₹68,200 – ₹1,78,200	₹6,13,800 – ₹16,03,800

A.2 Annual Financial Projection

- **Total Gross Turnover** : ₹350 lakhs – ₹620 lakhs
- **Average Annual Net Profit** : ₹38.5 – ₹68.2 lakhs
- **NGO Ecosystem Contribution (10%)** : ₹3.85 – ₹6.82 lakhs
- **Payback Period** : 36–60 months
- **Cumulative ROI by Year 3** : 90% – 150%
- **Cumulative ROI by Year 10** : 2000% – 3000%

A.3 Cash Flow Hierarchy

1. **Buyer Payments → Entrepreneur Bank Account**
2. **Monthly Audit → NGO Verification of Sales, Production Logs & Bills**
3. **10% Ecosystem Contribution → YOHYWA Ecosystem Fund**
4. **Balance → Working Capital + Raw Material Purchase + Profit**

ANNEXURE B – NGO SUPERVISION AND INCUBATION WORKFLOW

B.1 Operational Hierarchy

1. **Entrepreneur/Aspirant:** Daily production, labor management, deliveries.
2. **NGO-YOHYWA Industrial Incubation Desk:** End-to-end guidance, training & monitoring.
3. **Vyaparasetu Procurement Cell:** Kraft paper, adhesives, die tools & ink supply coordination.
4. **Vyaparasetu Sales Integration Wing:** Order routing from PKC, Zamchai & MSMEs.
5. **YOHYWA Audit & Compliance Panel:** Monthly profit sheet verification, compliance audits.

B.2 Supervision Cycle

Stage	NGO Role	Deliverable	Timeline
Pre-Setup	Orientation + MoU	Project Approval Certificate	Week 4-8
Setup Phase	Machinery Procurement & Installation	Industrial Readiness Certificate	Week 9–25
Trial Run	Production Testing + Quality Audit	Machine Performance Report	Week 26–48
Operational Phase	Weekly Supervision Call	Production Flow Report	Weekly
Financial Phase	Monthly Statement Verification	Certified Profit Sheet	Month End
Annual Review	Expansion Eligibility Evaluation	Entrepreneur Progress Scorecard	End of Year

B.3 Compliance Audit Cycle

- **Quarterly machine inspection** (alignment, moisture control, roll calibration)
- **Semi-annual financial review** by NGO Chartered Accountant Panel
- **Annual quality certification** of corrugated box grades
- **Surprise inspections** to maintain brand and ecosystem standards

ANNEXURE C – LEGAL AND COMPLIANCE FRAMEWORK

C.1 Statutory Registrations & Licenses

License	Purpose	Issuing Authority	Status
UDYAM MSME Registration	Industrial identity	Ministry of MSME	Mandatory
Trade License	Operations Approval	GHMC / Municipality	Mandatory
GST	Tax compliance	GST Department	Mandatory
Pollution Control Consent	Waste & emissions	TSPCB	Mandatory
Fire Safety NOC	Factory safety	Fire Department	Recommended
Factory License (if >10 workers)	Labour compliance	Labour Department	Recommended

C.2 Legal Clauses (Simplified)

1. Machinery is **co-supervised by NGO** until project stabilization.
2. Subsidy of **₹24 lakhs is strictly non-refundable**.
3. Unauthorized supply outside NGO ecosystem at below-threshold prices may lead to **contract termination**.
4. All disputes fall under **Hyderabad jurisdiction** only.
5. Entrepreneur must comply with **Copyright Act 1957** for branded printing plates & design templates.
6. Violation of quality or ethical norms triggers **penalty + termination**.
7. Entrepreneur **cannot relocate machinery** without written NGO consent.

ANNEXURE D – RAW MATERIAL SUPPLY CHAIN STRUCTURE

The following supply chain partners are integrated into Vyaparasetu networks:

1. Kraft Paper Mills

- Shamirpet Industrial Zone
- Edulabad Packaging Cluster
- NGO-verified suppliers providing A/B/C grade kraft rolls

2. Adhesives & Gum Manufacturers

- High-bond corrugation adhesives
- Bulk procurement discounts through Vyaparasetu

3. Printing Inks

- Food-grade, water-based, eco-friendly inks
- Verified ink suppliers approved by NGO

4. Cutting Dies & Punching Tools

- Vyaparasetu Die-Making Partners
- CNC precision-cut dies for repeat orders

5. Packaging Material Partners

- Tapes, straps, shrink wraps, liners

Participation Protocol

All procurements routed through NGO-approved vendors ensure:

- ✓ wholesale pricing
- ✓ strict quality
- ✓ GST compliance
- ✓ stable supply availability

ANNEXURE E – RISK ASSESSMENT & MITIGATION POLICY

Operational Risk

Mitigated by:

- Heavy-duty imported rollers
- Moisture-controlled kraft storage
- Training of workers to avoid wastage

Market Risk

Eliminated due to:

- PKC, Zamchai & MSME ecosystem orders
- High external demand for customized boxes

Financial Risk

Reduced by:

- ₹10 lakh subsidy
- Guaranteed initial order cycles

Human Resource Risk

Addressed through:

- NGO skill-training modules
- Workforce discipline protocols

Force Majeure

NGO arbitration handles cases without penalty to entrepreneur.

ANNEXURE F – QUALITY CONTROL & CERTIFICATION PROTOCOL

1. Daily QC Checks

- GSM of kraft paper
- Bursting strength
- Moisture content
- Flute formation uniformity

2. Weekly QC Audit

- Print registration & clarity
- Pasting alignment
- Stitching & die-cut quality

3. Monthly Certification

- Batch sampling for load testing

4. Annual Certification

- Inspection by Vyaparasetu Quality Panel
- Renewal of standardized box grades (3-ply/5-ply/7-ply)

Each unit receives a **YOHYWA Certified Packaging Unit Seal**.

ANNEXURE H – ENTREPRENEUR SUSTAINABILITY PACKAGE (ESP)

If the entrepreneur experiences losses after 12 months despite full compliance:
NGO may temporarily support by:

- Routing emergency orders
- Assisting with raw material price negotiations
- Providing training on production efficiency
- Offering non-financial operating mentorship

Support is 100% **non-financial** and aims to restore operational balance.

ANNEXURE I – SOCIO-ECONOMIC IMPACT MATRIX

Impact Parameter	Short Term (3 Years)	Long Term (10 Years)
Direct Employment	10–60 workers	60–140 workers
Women Participation	40%	40% in supervisory roles
Economic Multiplier	₹1 → ₹2 local circulation	₹1 → ₹20 circulation
Industrial Footprint	Regional demand	Multi-city B2B demand
Environmental Impact	Reduction of plastic use	Sustainable supply chains

ANNEXURE J – BRAND INTEGRITY & IPR

- All templates, printing plates, and design patterns of **Vyaparasetu, PKC, Zamchai** are protected under the **Copyright Act, 1957**.
- Unauthorized reproduction is strictly prohibited.
- YOHWYWA reserves rights to audit all printed materials.
- Entrepreneur receives **restricted usage license** for ecosystem packaging only.

ANNEXURE K – EXIT POLICY & REFUND PROTOCOL

1. **12-month written notice** mandatory for voluntary withdrawal.
2. Only the entrepreneur's investment is refundable **as assets**, not as cash.
3. Machinery must be returned in **working, usable condition**.
4. NGO subsidy of **₹24 lakhs is permanently non-refundable**.
5. Setup may be reallocated to another aspirant through NGO panel approval.

ANNEXURE L – LONG-TERM VISION & REPLICATION MODEL

YOHYWA aims to establish:

- One-Stop-Solution Point corrugated packaging unit in Telangana
- A cross-linked packaging supply chain for MSMEs
- Fully compliant, eco-friendly manufacturing clusters
- Export-support packaging corridors
- Training schools for packaging technology
- India's first NGO-backed corrugated manufacturing consortium

Each unit becomes part of a **state-level industrial packaging grid**, ensuring uninterrupted demand, long-term sustainability, and collective bargaining strength.