

Project Title:

Bala Trust Techno Functional Schools & Skill Development Mission – Tamil Nadu 234

Prepared By: Bala Trust

Website: www.balatrust.in

Project Location: Tamil Nadu – 234 Assembly Constituencies

Project Duration: 5 Years

Project Type: CSR / Social Impact / Education & Skill Development Initiative

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1. EXECUTIVE SUMMARY



Bala Trust proposes a statewide transformation initiative across all 234 Assembly Constituencies of Tamil Nadu through the establishment of Techno Functional Schools, Skill Development Centers, Women Empowerment Hubs, AI & Robotics Labs, and Community Development Programs.

The project is inspired by the Techno Functional School model designed to bridge the gap between traditional education and industry requirements.

The mission focuses on:

- Future-ready education
- Skill development
- Rural transformation
- Women empowerment
- Digital literacy
- Youth employment
- Entrepreneurship development
- Sustainable community growth

The project aims to impact over 10 lakh beneficiaries directly and indirectly over a period of 5 years.

2. ABOUT BALA TRUST

Bala Trust is a social impact organization committed to empowering youth, uplifting humanity, and building sustainable communities through education, skill development, healthcare, women empowerment, and rural transformation initiatives.

The Trust aims to create long-term social value by partnering with corporate companies, government agencies, educational institutions, and local communities.

3. VISION & MISSION

Vision

To transform Tamil Nadu into a future-ready, skilled, educated, and self-reliant society.

Mission

- Deliver modern education and digital learning
- Provide industry-oriented skill training
- Promote women entrepreneurship

- Improve rural employment opportunities
- Enhance community healthcare and sustainability
- Build technology-enabled educational ecosystems

4. PROJECT BACKGROUND

Tamil Nadu has strong educational infrastructure compared to many Indian states. However, several rural and semi-urban regions still face challenges such as:

- Lack of practical skill-based education
- Unemployment among youth
- Limited access to AI and technology education
- Inadequate career guidance
- Poor digital literacy
- Limited women entrepreneurship opportunities
- Rural migration due to lack of jobs

This project addresses these challenges through a constituency-based development model.

5. NEED FOR THE PROJECT

Key Challenges

Challenge	Impact
Skill Gap	Youth unemployability
Digital Divide	Lack of future-ready skills
Rural Poverty	Economic instability
Women Unemployment	Financial dependency
Lack of Career Guidance	Poor professional growth
Traditional Learning Methods	Reduced innovation capability

6. PROJECT OBJECTIVES

1. Establish Techno Functional Schools in all 234 assemblies.
2. Create Skill Development & Placement Centers.
3. Provide AI, Robotics, and Digital Education.
4. Promote women entrepreneurship and self-employment.
5. Improve healthcare and community awareness.

6. Generate direct and indirect employment.
 7. Build sustainable rural development ecosystems.
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7. TAMIL NADU EDUCATION & EMPLOYMENT CHALLENGES

Major Issues

- Rural students lack exposure to modern technologies.
- Limited employability despite graduation.
- Shortage of practical training centers.
- Lack of English communication skills.
- Growing competition in IT and AI sectors.
- Migration from villages to cities.

Project Solution

The Bala Trust model combines:

- School education
 - Technical training
 - Skill certification
 - Entrepreneurship
 - Placement support
 - Digital transformation
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8. PROJECT CONCEPT

Each Assembly Constituency will have:

- 1 Techno Functional School
 - 1 Skill Development Center
 - 1 AI & Robotics Lab
 - 1 Women Entrepreneurship Center
 - 1 Digital Career Guidance Hub
 - 1 Community Support Unit
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9. PROJECT COMPONENTS

A. Techno Functional School

Features:

- Smart classrooms
- Digital boards
- AI-enabled learning
- Science labs
- Robotics labs
- Digital library
- Career guidance
- Internship opportunities

B. Skill Development Center

Courses:

- IT & Software Development
- Web Development
- Graphic Design
- AI Basics
- Robotics
- Spoken English
- Mobile Servicing
- Solar Technician Training
- Tailoring
- Beautician Courses

C. Women Empowerment Center

Programs:

- Self-help group support
- Small business training
- Financial literacy
- Entrepreneurship workshops
- Tailoring units
- Digital marketing training

D. Community Development

Programs:



- Medical camps
- Nutrition awareness
- Career counseling
- Drug awareness programs
- Youth leadership programs

10. INFRASTRUCTURE MODEL

Per Assembly Infrastructure

Infrastructure Component	Details
Land	3–5 Acres
School Building	20,000–40,000 Sq Ft
Smart Classrooms	20+
Computer Labs	2
AI & Robotics Lab	1
Library	Digital + Physical
Auditorium	300 Seating Capacity
Playground	Indoor & Outdoor
Solar Power System	Rooftop Solar

11. ACADEMIC & TRAINING FRAMEWORK

Primary Level

- Computer basics
- Creativity workshops
- Logical thinking
- Communication development

Middle School

- Coding basics
- Electronics
- Typing skills
- Communication training

Secondary Level

- Python programming
- Web development
- Entrepreneurship
- Public speaking

Higher Secondary

- AI & Machine Learning basics
 - Data analytics
 - Real-time projects
 - Internship support
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12. TECHNOLOGY INTEGRATION

Digital Initiatives

- AI-powered learning systems
 - ERP-based school management
 - Online student portal
 - Mobile learning applications
 - Virtual classroom systems
 - E-learning subscriptions
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13. WOMEN EMPOWERMENT PROGRAMS

Key Activities

- Tailoring training
 - Beauty & wellness courses
 - Home-based business support
 - Food processing training
 - Online selling training
 - Financial management workshops
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14. RURAL DEVELOPMENT ACTIVITIES

- Village skill training camps
 - Rural startup promotion
 - Agriculture technology awareness
 - Water conservation awareness
 - Digital literacy drives
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15. HEALTHCARE & COMMUNITY PROGRAMS

- Free medical camps
 - Eye check-up camps
 - Nutrition support programs
 - Mental health counseling
 - Blood donation camps
 - Women health awareness programs
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16. ENVIRONMENTAL SUSTAINABILITY

Green Initiatives

- Rainwater harvesting
 - Solar-powered campuses
 - Tree plantation drives
 - Plastic-free campuses
 - Waste management systems
 - Paperless classrooms
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17. BENEFICIARY ANALYSIS

Per Assembly Impact

Beneficiary Type	Count
School Students	2,000
Youth Trainees	1,500
Women Beneficiaries	1,000
Rural Families	3,000
Community Members	1,000
Total	8,500+

Tamil Nadu Total Impact

Category	Beneficiaries
Students	4,68,000+
Women	2,34,000+
Youth	3,51,000+
Families	7,00,000+

18. STAFFING STRUCTURE

Per Assembly Team

Position	Count
Principal	1
Teachers	25–40
Tech Mentors	5
Skill Trainers	8
Admin Staff	5
Support Staff	10

19. ASSEMBLY-WISE IMPLEMENTATION STRATEGY

Phase 1 – Pilot

10 Assemblies

Phase 2

40 Assemblies

Phase 3

100 Assemblies

Phase 4

180 Assemblies

Phase 5

234 Assemblies

20. FINANCIAL MODEL

Financial Structure

The project will operate through:

- CSR funding
- Government grants
- Educational fees
- Sponsorships
- Donations
- Skill training revenues

21. CAPITAL EXPENDITURE (CAPEX)

Per Assembly Cost

Component	Cost
Land Acquisition	Rs. 1.50 Cr
Building & Infrastructure	Rs. 2.50 Cr
Furniture & Equipment	Rs. 0.50 Cr
Smart Classrooms	Rs. 0.40 Cr
Robotics & AI Labs	Rs. 0.35 Cr
Skill Development Setup	Rs. 0.40 Cr



Component	Cost
Solar & Sustainability Setup	Rs. 0.20 Cr
Marketing & Launch	Rs. 0.15 Cr
Legal & Admin	Rs. 0.10 Cr
Total	Rs. 6.10 Cr

Total Project CAPEX

Rs. 1,427.40 Crore

22. OPERATIONAL EXPENDITURE (OPEX)

Annual Operational Cost Per Assembly

Component	Annual Cost
Salaries	Rs. 1.20 Cr
Utilities & Maintenance	Rs. 0.15 Cr
Software & Subscriptions	Rs. 0.05 Cr
Transport & Logistics	Rs. 0.10 Cr
Training Programs	Rs. 0.10 Cr
Miscellaneous	Rs. 0.10 Cr
Total	Rs. 1.70 Cr

Tamil Nadu Annual OPEX

Rs. 397.80 Crore

23. REVENUE & FUNDING MODEL

Revenue Sources

Revenue Source	Annual Potential
CSR Funding	Rs. 500+ Cr
Government Grants	Rs. 60+ Cr

Revenue Source	Annual Potential
Tuition Fees	Rs. 90+ Cr
Skill Training Fees	Rs. 20+ Cr
Sponsorships	Rs. 45+ Cr

24. CSR PARTNERSHIP OPPORTUNITIES

Potential CSR Partners

- Tata Consultancy Services
 - Infosys
 - Wipro
 - HCLTech
 - TVS Motor Company
 - Ashok Leyland
 - Reliance Industries
 - Adani Group
 - Indian Oil Corporation
 - ONGC
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25. GOVERNMENT SCHEME INTEGRATION

Applicable Schemes

- Skill India Mission
 - Digital India
 - NSDC
 - MSME Skill Programs
 - Tamil Nadu Skill Development Corporation
 - Atal Tinkering Labs
 - Startup India
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26. 5-YEAR EXPANSION PLAN

Year	Assemblies Covered
Year 1	10
Year 2	40
Year 3	100
Year 4	180
Year 5	234

27. 5-YEAR FINANCIAL PROJECTION

Year	Investment
Year 1	Rs. 61 Cr
Year 2	Rs. 183 Cr
Year 3	Rs. 366 Cr
Year 4	Rs. 488 Cr
Year 5	Rs. 329.40 Cr
Total	Rs. 1,427.40 Cr

5-Year Operational Projection

Year	OPEX
Year 1	Rs. 17 Cr
Year 2	Rs. 68 Cr
Year 3	Rs. 170 Cr
Year 4	Rs. 306 Cr
Year 5	Rs. 397.80 Cr

28. SOCIAL IMPACT PROJECTION

By Year 5

- 4,68,000+ students impacted
- 3,51,000+ youth trained
- 2,34,000+ women empowered
- 77,000+ jobs created
- 10 lakh+ indirect beneficiaries

29. RISK ANALYSIS & MITIGATION

Risk	Mitigation Strategy
Low Enrollment	Awareness campaigns
Funding Delays	Multi-corporate CSR partnerships
Staffing Challenges	Competitive salaries & incentives
Regulatory Delays	Dedicated compliance team
Technology Issues	AMC & cloud support systems

30. MONITORING & EVALUATION

KPIs

- Student enrollment
- Placement rates
- Women beneficiaries
- Course completion rates
- Community engagement levels
- CSR impact reports

31. BRANDING & OUTREACH STRATEGY

Marketing Activities

- Social media campaigns
- District-level awareness events
- Student roadshows
- CSR corporate presentations
- Digital campaigns
- Government collaboration programs

32. SUSTAINABILITY STRATEGY

Long-Term Sustainability

- Solar-powered campuses
 - Digital learning ecosystem
 - Industry tie-ups
 - Franchise skill model
 - Alumni donor network
 - Government support integration
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33. CONCLUSION

The Bala Trust Tamil Nadu 234 Assembly Mission is a transformational education and skill development initiative designed to create sustainable social impact at scale.

The project combines education, technology, skill development, healthcare, women empowerment, and rural transformation under a unified statewide mission.

With strong CSR partnerships and government collaboration, the project has the potential to become one of Tamil Nadu's largest social transformation initiatives.

34. CONTACT DETAILS

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