



**TECHNOLOGY INFORMATIC
DESIGN ENDEAVOUR**

Annual Report

FY 2024 - 2025



<https://tide-india.org/>



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32nd
Edition

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Foreword

Gautam Lahiri

Executive Director

TIDE is uniquely positioned through its Sustainability & Livelihood verticals to design and implement interventions of quality, scale and relevance.



As we reflect on the year 2024-2025, it is both humbling and inspiring to witness the strides TIDE has taken towards building a future where technology serves as a bridge—linking sustainable livelihoods, environmental stewardship, and empowered communities. With over 30 years behind us, our journey continues to be guided by a profound belief: impactful innovation is born at the grassroots and flourishes through collaboration and community ownership.

This year, TIDE reached over 22500+ individuals across diverse geographies, enabling new livelihoods, strengthening existing income sources, and catalyzing entrepreneurship among women and youth.

Programs like digipreneurship and Areca plate-making have driven a 20% increase in household earnings for participating families, and our Rural Placement Centres have facilitated job placements for over 650+ rural women and youth. Each statistic is a story of hope, resilience, and progress made possible by our strategic use of technology tailored for local contexts.

Our focus on environmental innovation has translated into a reduction of over 350+ metric tons of greenhouse gas emissions through decentralized energy, water, and waste management interventions. We have amplified climate action by developing environmental champions among youth—over 1000+ young people engaged in programs that nurture eco-leadership and responsible citizenship.

Looking ahead, our vision for the next decade is both bold and essential. TIDE will harness advanced data platforms, strategic partnerships, and scalable models to reach a million lives by 2035. We are steadfast in our mission to not only provide solutions, but to nurture capacity—empowering communities to sustain and scale benefits independently.

Our approach will remain meticulous, rooted in on-the-ground realities, and unwavering in the pursuit of holistic, transformative change. These achievements are only possible because of the unwavering commitment of our partners, supporters, and the passionate TIDE team. To every community member and stakeholder who journeyed with us this past year, thank you for placing your trust in our vision.



Together, as we look to the next 30 years and beyond, we are confident that a thriving, inclusive, and sustainable tomorrow is not just possible, but inevitable.

TIDE Overview

About the Organization

TIDE is a not-for-profit organization with 32 years of experience in advancing technology-driven solutions for social good. Registered under the Karnataka Societies Registration Act, TIDE works to connect research, innovation, and communities, enabling the adoption of practical technologies for a sustainable and resilient future.

Over the years, TIDE has demonstrated that when technology is adapted to local contexts, it can transform lives and address critical development challenges.

Our work focuses on two key areas: **Skilling & Livelihood**—empowering people with opportunities for dignified income generation, and **Sustainable Communities**—promoting climate resilience, resource efficiency, and improved quality of life. Our long-standing partnership with the Department of Science and Technology, Government of India, along with collaborations with leading national and international organizations, reflects our commitment to meaningful, scalable, and lasting change.

Legal & Statutory Information

Registration No: S.No. 131/93-94 dated 11/05/1993
of Karnataka Societies Registration Act,1960
FCRA: 094420769, valid till December 2026
80G: AAATT1118NF19941, valid till AY 2026 - 2027
12A: AAATT1118NE19943, valid till AY 2026 - 2027
CSR Registration: CSR00002810
PAN: AAATT111BN
GST: 29AAATT111BN227
TAN: BLRT00701B



Our Vision

A world where Technology positively
equitably impacts societies and
environment.



Our Mission

To provide technology solutions for
livelihood, sustainable communities
and to build climate resilience.



**To date, we have
implemented over 250 projects
that have positively impacted
more than one million individuals
across 15 states in India.**

TIDE's Priority SDGs

Technology Informatics Design Endeavour (TIDE) is a not-for-profit organization dedicated to advancing sustainability through technology. Guided by the United Nations' Sustainable Development Goals (SDGs), TIDE develops practical and innovative solutions to address critical global challenges. Our initiatives contribute to goals such as clean energy, climate action, and sustainable communities, among others. With a strong commitment to the SDGs, TIDE continues to create lasting impact and work towards a resilient and inclusive future for all.

3 GOOD HEALTH
AND WELL-BEING



4 QUALITY
EDUCATION



5 GENDER
EQUALITY



6 CLEAN WATER
AND SANITATION



7 AFFORDABLE AND
CLEAN ENERGY



11 SUSTAINABLE CITIES
AND COMMUNITIES



12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION



13 CLIMATE
ACTION



Our Patrons

Celebrating 32 years of TIDE is not just about marking a milestone—it reflects decades of commitment, the relentless efforts of our team, and the steadfast support of our funders and partners.

HCLFoundation



As we look back on our journey, we remain deeply grateful for the invaluable role our partners have played over the years. We extend special thanks to those who placed their trust in TIDE during its leadership transition, enabling us to deliver projects successfully and broaden our impact under new guidance.

Looking ahead, we are energized and optimistic about the next chapter. With a shared vision and strong focus on sustainability, livelihoods, and climate resilience, we will continue to collaborate, innovate, and drive transformative change together.

Our presence in India

In the past year, TIDE has strengthened its presence in Maharashtra, Karnataka, Tamil Nadu and Kerala, driving initiatives that promote livelihoods, sustainability, and climate resilience at the community level.

Significant Impact in 4 States!



TIDE's Work in 2024 - 2025

At TIDE, our interventions are structured around two broad verticals—**Sustainable Communities** and **Skilling & Livelihood**—which together define our approach to driving social and environmental impact.



Sustainable Communities

The Sustainable Communities vertical focuses on building resilient, eco-conscious communities by promoting climate adaptation, resource efficiency, and overall well-being. Programs under this stream include:

- **Integrated Water Management** - Which strengthens water security and sanitation
- **Model School Program** - Cultivating eco-aware learning environments for the next generation
- **Biomass Program** - Advancing clean energy and sustainable resource use
- **Green Oasis** - Transforming urban and peri-urban spaces into restorative, climate-friendly landscapes.

Together, these initiatives create communities that are not only environmentally sustainable but also empowered to thrive in harmony with their surroundings.



Skilling & Livelihood

The Skilling & Livelihood vertical champions inclusive growth by equipping individuals and communities with the skills and opportunities needed for dignified employment and entrepreneurship. Key programs include:

- **Digipreneur**, which enhances digital and entrepreneurial capacities among youth
- **Skilling for Local Livelihoods** - Provides hands-on vocational training and skill development for employability
- **Digital Literacy: EmpowerNet** - Builds digital skills and access to technology for marginalized communities
- **Micro and Nano Enterprise** - Supports women, PWD candidates, and youth in creating sustainable livelihoods through technology-driven, eco-friendly enterprises.

Together, these initiatives foster economic empowerment, promote sustainable livelihoods, and create pathways for long-term resilience.

Together, these two verticals reflect TIDE's holistic approach—combining technology, innovation, and community engagement to create meaningful and lasting change.

TIDE's Impact in 2024 - 2025

In 2024-25, TIDE's diverse interventions collectively strengthened communities, empowered women and youth, and advanced sustainability goals. More than 20,000 individuals directly benefitted through education, skilling, clean energy, water management, and enterprise support.

The initiatives helped avoid over 355 tons of CO₂ emissions annually through clean cooking, renewable energy, and efficiency measures, while generating over ₹1.16 crore in new digital and livelihood incomes, with 70% of trained individuals actively earning. More than 26,600 kWh of clean energy was produced, reducing dependence on fossil fuels and costly LPG. Resource conservation efforts led to the harvesting of over 10 lakh liters of water, production of 98 tons of compost, and installation of rain gardens capable of draining 8,000 liters per hour during floods. With a strong focus on inclusion, TIDE ensured that marginalized groups—including persons with disabilities, women, sanitation workers, and peri-urban entrepreneurs—were active participants and beneficiaries in shaping a sustainable and equitable future.

TIDE advanced clean energy, digital empowerment, and sustainable livelihoods, creating resilient and inclusive communities in 2024–2025.

Through collaboration, innovation, and community ownership, TIDE shaped pathways toward a more sustainable and equitable future.

By driving change at the grassroots, TIDE demonstrated that empowered people are the foundation of lasting transformation.



22,500+
lives
directly
impacted



₹1.16 crore+
in new
income
generated



₹160+ crore
in govt.
schemes
unlocked



355+ tons
of CO₂
avoided
annually



**10+ lakh
ltrs of
water
conserved
annually**



8,000 ltrs
stormwater
drained per
hour



98 tons
of compost
produced
annually



26,600+ kWh
of clean
energy
produced



600 kg of
firewood
saved daily

Integrated Water Management (IWM)



Overview

Integrated Water Management (IWM), a 4-year-old project by TIDE in partnership with BORDA and funded by BMZ (Government of Germany), works to reduce water and sanitation risks and improve living conditions. Since January 2021, TIDE has collaborated with the City Municipal Councils of Chikballapur and Chintamani, and from January 2024, the project expanded to provide technical support to 18 more towns across Karnataka and Kerala. The methodology begins with a baseline study, followed by identifying WASH infrastructure and service gaps. Next, problem statements are selected and concept notes prepared, leading to the development of Detailed Project Reports. TIDE then supports CMCs in implementation and O&M planning, with ongoing monitoring of O&M to ensure sustainability.

SDGs Align



Project Vision

The project contributes to improvement in the living conditions of residents of small and medium towns in South Asia through reduction in the health and environmental risks associated with inadequate municipal WASH service delivery. Additionally, it contributes to global efforts on climate change sensitivity and gender inclusivity.



TIDE's Integrated Water Management project strengthens WASH systems and supports municipalities across Karnataka and Kerala with sustainable water and sanitation solutions.



Highlights

- **Community WASH Services, Chikkaballapura:** TIDE, with CMC Chikkaballapura, commissioned a 20 KLD wastewater treatment plant using Hummus Bioreactor technology, benefiting 52 households previously without sanitation access. The treated water and compost are reused in the newly created "Circularity Park," supported by DMI Housing Finance and BMZ.
- **Chintamani Climate WASH Action Plan 2040:** Work began on a long-term, inclusive and climate-sensitive WASH Action Plan for Chintamani, with extensive consultations, data collection, and an exposure visit to Ladakh. The plan, under design, will guide the town's water and sanitation goals up to 2040.
- **Integrated Solid Waste Management, Chintamani:** A demonstration project was launched to streamline fresh waste management. Activities included waste flow mapping, route optimization, provision of 20 pushcarts and 4 innovative dustbins, decentralized composting units, and expansion of a dry waste collection centre.
- **Detailed Project Reports:** Around 11 DPRs were prepared on solid and liquid waste management and sanitation workers' facilities. These reports, submitted to ULBs, provide actionable designs and strategies now at various stages of implementation.
- **Pourakarmikara Virama Kendra Guidebook:** A practical guidebook for designing sanitation workers' resting facilities was developed with BORDA and launched by the Government of Karnataka. Distributed across all ULBs, it will support standardized and worker-friendly facility design statewide.



By strengthening community ownership and enhancing the capacities of local bodies, the project is ensuring creation of replicable models that can guide other towns in adopting inclusive and climate-sensitive water and sanitation solutions.

These initiatives underscore IWM's commitment to creating inclusive, sustainable, and climate-resilient water and sanitation systems that address both current and future needs.



Testimonials from Senior Ambassadors of ECHO Network

💡 *Simple, locally rooted livelihoods can be sustainable if supported well. These models are based on existing skills and resources within the community. I hope to study this further and apply it in a way that supports both rural communities and the environment.*

💡 *The operational model of this facility, where the government covers land, electricity, and water, NGOs collaborate on infrastructure development and monitoring, and the management is entirely handled by the sanitation workers themselves, presents a powerful and replicable example of successful multi-stakeholder partnership.*

💡 *The Sanitation Worker's Resting Facility was a model of 'public-civil society partnership' – a different variant of the conventional PPP model followed in India for the provision of infrastructural facilities. Future research and even the current one, can be aided greatly with this sort of thinking. The collaboration of Tide and BORDA came out with a successful and motivating project for improving livelihood of sanitation workers. This is completely a neglected area. But this project restores the dignity to sanitation workers, a place where they can clean themselves before reaching home, a clean space to rest and a good food.*

Model School Program



The Model School Program transforms campuses into hubs of sustainability through water, waste, energy, and biodiversity interventions, while fostering creativity, sports, and community participation.

Overview

The Model School Program (MSP), implemented by TIDE with the support of HCL Foundation and SGGs, is a transformative initiative that integrates sustainability into government school ecosystems. Designed as a multi-year intervention, the program nurtures students as Environmental Ambassadors, creates eco-conscious campuses, and fosters long-term behavioral change among children, teachers, and communities.

Project Vision

By combining structured training, green campus interventions, and creative mediums like arts and sports, Model School Program not only enhances environmental awareness but also directly contributes to improved education, health, and civic engagement.

SDGs Aligned



Highlights

Kitchen Gardens and Biodiversity

Chennai: 10 schools developed 7,000 sq. ft. of gardens yielding 120 kg vegetables, integrated into mid-day meals.
Mumbai: 7 gardens (~2,200 sq. ft.) produced 30-35 kg vegetables annually, saving ~₹1,000; 428 students engaged.
Bengaluru: Eco-Warrior sessions and wall art highlighted biodiversity; students led awareness events on food security.

Water Conservation and Rainwater Harvesting

Chennai: 18 recharge pits built, enabling 2,92,500 KL annual groundwater recharge and reducing waterlogging.
Mumbai: Rainwater harvesting conserved 10 lakh liters annually, reused for handwashing, cleaning, and gardening.
Bengaluru: Water conservation integrated into Eco-Warrior sessions; arts and wall paintings reinforced mindful water use.

By nurturing young Eco-Ambassadors, the program envisions resilient, eco-conscious schools that inspire lasting change across generations.

Creative Mediums: Sports and Arts for Awareness

Bengaluru: Donated sports equipment and organized multi-sport events, combining physical activity with environmental awareness. 3,800 sq. ft. of wall art highlighted sustainability themes.

Renewable Energy and Energy Efficiency

Mumbai: Solar panels generated 26,617 kWh, saving 1.68 lakh and avoiding 26.5 tons CO₂; efficient fans and lighting reduced conventional energy use.
Bengaluru: Students trained on energy conservation and sustainable practices.
Chennai: Education sessions emphasized energy's role in sustainability.

Student Engagement and Eco-Ambassadors

Chennai: 688 Harit Champions trained; 80% showed improved sustainability knowledge.
Mumbai: 7 eco-clubs formed; ~428 students trained across water, waste, biodiversity, and energy.
Bengaluru: 390 students trained as Eco-Ambassadors, contributing 3,120 engagement hours through arts, play, and demonstrations.

Volunteer and Community Engagement

Chennai: HCL Tech staff collaborated with students to prepare school-level climate action plans.
Mumbai: Partnerships extended to local governance, with Block Development Officers endorsing TIDE's work.
Bengaluru: 151 employee volunteers contributed 755+ hours, engaging 1,740 students in wall painting, sports, and awareness sessions.

Waste Management and Composting

Chennai: 14 leaf composters convert dry waste into 98 tons of compost annually, reused in kitchen gardens.
Mumbai: Composting units strengthen segregation; Eco-clubs manage daily composting for garden use.
Bengaluru: 3,800 sq. ft. of wall art and student sessions promoted reduce-reuse-recycle and responsible consumption.

Impact

- Water Saved: 10+ lakh liters
- Compost Generated: 98 tons annually
- Clean Energy Produced: 26,617 kWh
- CO₂ Avoided: 26.5 tons
- Gardens Cultivated: 13+ schools, ~9200sq. ft.
- Vegetable Harvest: ~160 kg, integrated into mid-day meals
- Students as Eco-Ambassadors: ~1,500 directly trained
- Volunteer Hours: 755+ contributed by 151 employees
- Communities Impacted: 4000+ direct beneficiaries, 6000+ indirect beneficiaries

The Model School Program has proven that schools can serve as catalysts for environmental and social transformation.



Through interventions in water, waste, energy, and biodiversity—enriched by arts, sports, and community engagement—MSP nurtures young Eco-Ambassadors to champion sustainability.

The vision: Resilient, eco-conscious schools inspiring lasting change across communities & generations.

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GER | 2025.02.0

Testimonials from Principal of beneficiary school

“ We would like to express our heartfelt gratitude for the support facilities provided to Jawahar Navodaya Vidyalaya, Yenigodale, Chikkaballapura District. Your timely interventions, support and contributions have made a significant impact on our vidyalaya community. The facilities like interactive sessions to create awareness among the students about the green

consciousness, display materials on different energy & environmental issues, posters on save water, etc. provided by TIDE have enhanced the infrastructure and provided a vicarious learning experience for our students. - T Palanivelu, Principal of JNV Chikkaballapura District

Green Oasis

Overview

Chennai's rapid urbanization has intensified flooding risks, with the 2015 flood submerging 18% of the city and causing ₹15,000–20,000 crore in losses. Limited stormwater infrastructure and high rainfall demand innovative solutions. Green Oasis addresses this by integrating lush landscapes with rainwater harvesting and biodiversity restoration to manage stormwater, reduce runoff, and create vibrant community spaces.

Key Intervention – Rain Gardens

Rain gardens are shallow, landscaped areas that capture and infiltrate runoff from rooftops, driveways, and pavements. They reduce surface runoff, filter pollutants, recharge groundwater, and add greenery. Compact and highly effective, they are ideal for Chennai's urban environment, enhancing both flood resilience and ecological health.

Vision

To create sustainable and nature-based urban solutions that address flooding, enhance stormwater management, and promote environmental health. By integrating green infrastructure, we aim to reduce urban runoff, improve air and water quality, and restore native biodiversity. Our vision is to transform flood-prone areas into sustainable green spaces that foster community well-being and strengthen ecological resilience.



SDGs Aligned



During 2024-25, the Green Oasis project made important strides in piloting nature-based solutions for urban flooding in Chennai.



Highlights

- Ten potential sites were identified and assessed, and a pilot rain garden was successfully installed at Indira Colony, Ashok Nagar.
- The project also engaged communities directly, training 58 members on rain garden design and maintenance, and conducting awareness sessions in Indira Colony and Kalyanapuram that reached over 60 households.
- These early interventions laid the groundwork for scaling up green infrastructure in other flood-prone areas.

Impacts

- **Biodiversity Support:** Supports Wildlife
- **Reduced Urban Heat Island Effect:** Cools the Environment
- **Aesthetic and Recreational Value:** Beautifies the Spaces
- **Cost-Effective:** Saves Money
- **Mitigate Storm water Runoff:** Captures rainwater, reducing runoff
- **Promote Groundwater Recharge:** Good Water Quality
- **Create Community Awareness:** Educate the Community



Case Study

Corporation Park, Indira Colony, Ashok Nagar

The Corporation Park in Indira Colony, Chennai, was highly vulnerable to flooding, with severe inundation during December 2023 and October 2024. Its location, clay-heavy soil, and poor drainage led to significant waterlogging, underscoring the need for flood mitigation.

To address this, TIDE, along with community members and experts, designed and implemented a rain garden at the park's low-lying southeast corner. Covering 64 sq. meters, the garden was built with layered gravel, sand, and soil to enhance infiltration and planted with species resilient to both drought and flooding.

The intervention proved highly effective, draining 8,000 liters of rainwater within an hour and showing no waterlogging even after a two-hour heavy rainfall. A percolation test confirmed drainage in just 8 minutes, compared to over an hour at nearby sites.

The Ashok Nagar rain garden has proven to be an effective, sustainable solution for stormwater management, reducing runoff while supporting biodiversity and resilience.





The rain garden has not only reduced flooding but also supported local biodiversity and transformed the park into a greener, more welcoming space for the community.



Its success serves as a model for scaling similar interventions across other identified sites.

Testimonials from Volunteers

“It's very useful for all flood-prone areas and is sustainable for the environment. Looking forward to seeing the project implemented in all similar sites.”
- M. Karthik Raja

“The rain garden has transformed our park into a beautiful and functional space, and it also makes the area a cooler place.” - A Dhanalakshmi

“This is a very interesting and innovative project. It's a must for everyone to know about rain gardens.” - N Sundar

“Well begun and truly motivating. Let this project serve as a role model for all future initiatives.” - Usha Mohan

Biomass

Overview

Many rural households in India still depend on traditional mud stoves, leading to high fuel use, indoor air pollution, and health risks. Despite LPG availability, affordability and access issues often force families back to these polluting methods. TIDE's Biomass program addresses this challenge by promoting clean and efficient cooking technologies.

Key Intervention

Through the Biomass program, TIDE delivers clean cooking solutions by pairing Sarala stoves with solar water heaters. This reduces firewood dependency, lowers costs, and ensures safe, reliable cooking in schools and households. The intervention is anchored in community engagement and capacity building. In Maharashtra and Karnataka, awareness campaigns are coupled with hands-on training for men and women in stove construction, creating local skills and livelihood opportunities. Improved stoves are installed in 500 households, with supervisors conducting regular monitoring, quality checks, and impact assessments. Beneficiary acknowledgments, detailed records, and testimonies are collected to ensure transparency and accountability.

SDGs Aligned



By integrating technology, training, and community ownership, the Biomass program not only delivers immediate health and environmental benefits but also builds sustainable practices that can be scaled across regions.





TIDE with the help of EHF & UWM field team held the Awareness Session of Sarala cookstove in 18 communities of Maharashtra and Karnataka, Reaching out to 500 Households.

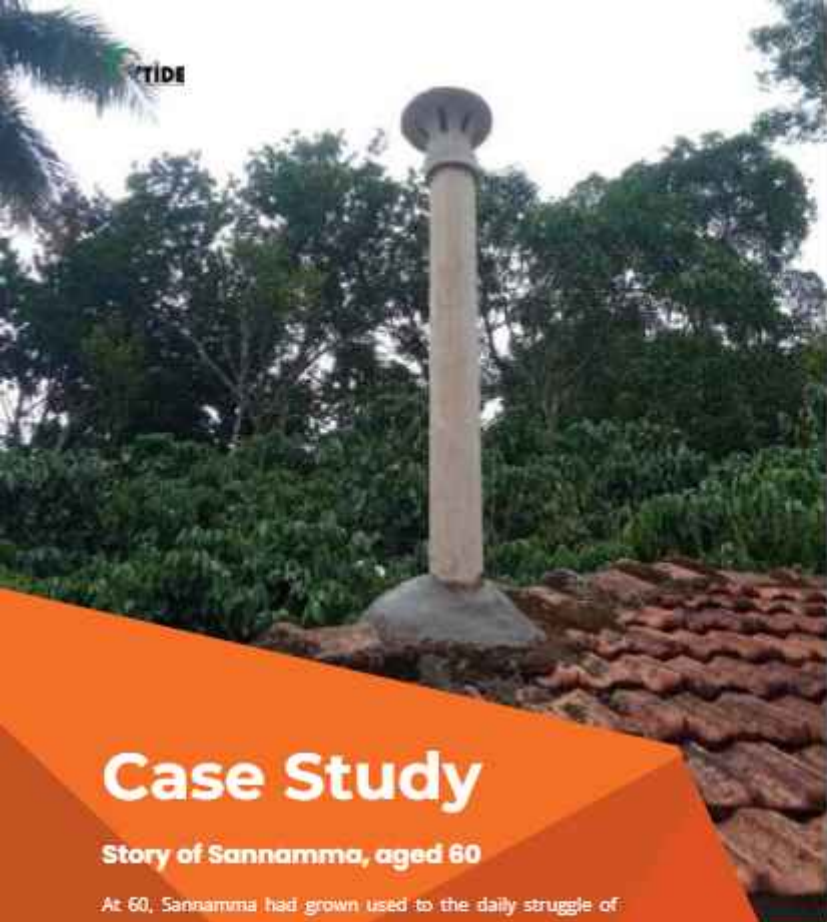


Highlights

- Adoption of Sarala cookstoves gained momentum as communities recognized 30% fuel savings, reduced indoor pollution, and lower forest dependence, easing fuel collection burdens and minimizing man-animal conflict risks.
- Awareness efforts also led to the training of 27 stove builders and 15 pipe fixers, building local skills and livelihoods.

Impact

- **Cleaner Homes & Healthier Lives** – Women now cook in smoke-free kitchens, spending less time on fuel collection and cooking.
- **Energy & Environment** – 500 Sarala stoves save 600 kg of firewood daily, mitigating 328.5 tonnes of CO₂ annually.
- **Institutional Benefits** – In schools, the combination of fuel-efficient cookstoves and solar water heaters has improved cooking efficiency, reduced LPG use, and saved significant cooking time.



Case Study

Story of Sannamma, aged 60

At 60, Sannamma had grown used to the daily struggle of cooking on a traditional mud stove. The thick smoke would fill her kitchen, leaving her eyes watering and her breathing labored, while the walls bore the stains of soot.

Since shifting to the Sarala stove, she says life has changed noticeably. The smoke is gone, making the kitchen environment clean and comfortable, and cooking is faster—though it takes a little longer to heat up initially.

Sannamma also observes that her utensils remain clean, with soot only at the bottom and none on the sides as before. Just as importantly, the household now uses much less firewood, reducing both effort and expense. Grateful for the transformation, she shares that the Sarala stove has brought her relief and made her daily life healthier and easier.

For Sannamma, the Sarala stove is more than just a cooking tool—it has eased her daily hardships, given her a smoke-free kitchen, reduced the effort of fuel collection, and brought comfort, dignity, and better health into her everyday life.



Like Sannamma, many women have experienced life-changing benefits from the Sarala cookstove — cleaner kitchens, faster cooking, reduced fuel use, and lighter workloads. A simple stove, but a big step toward healthier and easier lives for rural women.

Testimonials from Sannamma and Family

“ We were using a small homemade brick stove earlier—it worked, but it wasn't easy. The Sarala stove is much more comfortable and pleasant to use. The 2 biggest changes are - the flame goes to vessels without waste, safe for our Hands and Second is smoke goes out properly through the pipe, unlike before where it stayed inside kitchen for long time and covered the wall.

“ Cooking is also faster, and we use less fuel, which saves us time and effort. Also, the vessels don't get black with soot, so washing them has become easier and quicker. I'm genuinely happy with this stove - it's made my work lighter and life easier.

Digipreneur

Overview

The Digital Entrepreneurs (Digipreneurs) Program empowered 39 rural youth across Tumakuru, Hassan, and Chitradurga, helping them become self-reliant providers of essential digital services in their communities.

This program didn't just boost incomes — it built confidence, digital literacy, and self-worth among rural youth and women. Digipreneurs now act as trusted digital bridges, connecting people to financial services, government benefits, and opportunity.

Operating across three program phases — Learning, Recognition & Reward, and Stabilization — the initiative focused on digital skilling, income growth, and sustainability.



SDGs Aligned



Highlights

- Total Income Generated: **₹1.16 crore**
- Digital-only Income: **₹47.4 lakh**
- People Reached: **95,768**
- Public Schemes Unlocked: **₹160+ crore**

Key Intervention

In 2024-25, Digipreneurs delivered a total of 84,197 services across diverse categories. Auxiliary services such as utility bill payments, printing, and mobile recharges accounted for the largest share with 48,458 transactions. This was followed by 20,346 digital support services, 9,941 services enabling access to government schemes, and 5,452 banking and AEPS-related services.

Impact

- Strengthened digital and entrepreneurial skills through training, SOPs, and LMS support.
- Women emerged as top performers, proving the model's gender-inclusive success.
- Community trust and repeat demand have led to income sustainability, even post-incentives.
- Some challenges remain, like market saturation and uneven digital income, calling for continued mentoring.



The scale and variety of these services highlight the growing demand for and trust in Digipreneurs as reliable service providers within their communities.



Case Study

Digital Empowerment Transforms Baladevarahatti's Kadugolla Community

Baladevarahatti, a small hamlet under Siddanakatte Panchayat in Chikkanayakanahalli, Tumakuru district, is home to the Kadugolla (also known as Adavigolla) community—a pastoral group with a distinct culture and traditions. For generations, they have lived on the fringes of mainstream society, physically separated from other settlements, and adhering strictly to their traditional rituals. Limited connectivity, low literacy levels, and dependence on small agricultural holdings or wage labour have kept the community isolated from development opportunities.

Until recently, most families in Baladevarahatti were unaware of, and unable to access, the many government schemes meant for their welfare. Vital benefits in areas such as education, health, livelihood, and social security often went unclaimed simply because of a lack of awareness and absence of support systems.



Today, the Kadugolla community of Baladevarahatti is beginning to bridge the gap with mainstream society by accessing essential schemes and opportunities for a better future.



His kiosk became more than a service centre – it became a bridge between the Kadugolla community and the digital world.

Through the centre, villagers could now access essential government services, apply for schemes, and obtain important documents without travelling long distances.

Testimonials from community members of Kadugolla

“ This program transformed my confidence and skills. Earlier, I barely earned ₹20,000 a month. Now, I earn ₹75,000-₹80,000, and my digital outreach has grown fivefold. The learning sessions and peer support made all the difference - **Chidananda S**

“ The recognition phase pushed me to work harder, and in the stabilization phase, I learned how to sustain and grow without prizes. My income grew by over 2x, and I feel proud to be a digital entrepreneur now - **Sharath DP**

Skilling & Livelihood



TIDE empowered rural women and youth with skills and digital literacy to build sustainable livelihoods and boost incomes.

Enhancing Employability and Income Generation

Our livelihood programs trained over 1000 rural women and youth in key sectors such as advanced tailoring, agarbathi making, poultry rearing, and soft skills. The focus remained on creating employment opportunities and increasing household income. To ensure relevance to current market needs, refresher trainings and exposure visits to industries helped align participants' skills with professional standards.

Many beneficiaries, particularly in tailoring, reported better job placements and increased orders. Entrepreneurial support extended beyond training. Participants were guided on branding, packaging, and labelling to improve the marketability of their products. We also facilitated market linkages through a digitized Buyer-Seller Directory, connecting producers directly to buyers in Tumkur, Chikaballapur and Shimoga districts. As a result, several women-led enterprises saw a marked rise in demand and income, with an average 25% increase in earnings compared to baseline levels.

Overview

TIDE's Skilling & Livelihood initiatives continued to empower rural women and youth by providing market-relevant skills, strengthening micro-enterprises, and promoting digital inclusion. Through our training and enterprise development programs, we supported individuals across Tumkur, Chikaballapur, Shimoga, and Bengaluru's peri-urban areas, enabling them to build sustainable livelihoods and enhance income opportunities.

SDGs Align



The projects demonstrate that skilling, when effectively linked with market opportunities, goes beyond individual capacity building – it creates sustainable livelihoods, enhances household incomes, and fosters entrepreneurship.



Promoting Digital Literacy and Future-Ready Skills

Recognizing that access to digital tools is key to empowerment, TIDE introduced digital literacy and employability programs for individuals from marginalized communities, including person with disabilities, transgender persons, and backward-class youth.

Participants were trained on basic computer operations, online applications to avail various government schemes, and use of productive tools through an accessible digital curriculum in the local language. Learning was supported through both virtual sessions and in-person workshops.

These efforts resulted in a 50% improvement in digital literacy levels, with participants becoming more confident in using technology for education, employment, and accessing public services.

Strengthening Micro and Nano Enterprises

In peri-urban and semi-rural regions, TIDE focused on enhancing the resilience and sustainability of micro and nano enterprises. Over 1,200 community members were reached through awareness, training, and capacity-building initiatives aimed at improving business practices and expanding income streams.

Women entrepreneurs were supported with training in leadership, financial literacy, and enterprise management. Around 320 women-led enterprises benefited directly from mentorship and exposure to new markets. These interventions are contributing to a more inclusive entrepreneurial ecosystem that integrates women and youth into local economic growth.



These efforts under skilling and livelihoods strengthened local enterprises, enhanced market access, and promoted inclusive economic growth across rural and peri-urban communities.



Highlights & Impact

- **1,279 individuals** gained new skills and training, enhancing their employability and livelihoods.
- **42 villages and peri-urban locations** were reached, expanding TIDE's footprint of inclusive development.
- **80% of the beneficiaries were women**, reflecting TIDE's strong focus on women's economic empowerment.
- **Digital literacy improved by over 50%** among trained participants, enabling better access to opportunities and digital inclusion.
- **693 individuals** reported an increase in income as a result of the interventions.
- **320 enterprises** were newly established or strengthened, contributing to local entrepreneurship and self-reliance.



Case Study

From Learner to Community Champion, Bhagya's story of empowerment

Bhagya, a determined and talented community member from Tiptur, began her journey with us through one of our tailoring training sessions. A quick learner with a natural flair for the craft, she soon stood out for her skills and dedication. Recognizing her potential, we invited her to lead another training session in Honnavalli village, where she successfully shared her expertise with other aspiring tailors.

Today, Bhagya works at the Government Skill Training Centre in Tiptur, operated by Gowtham Charitable Trust (Self-Employment Tailoring Centre). On weekends, she collaborates with Akshayakalpa on bag stitching projects, while also fulfilling tailoring orders for her neighbors in the village.

Her journey didn't stop there. Recently, Bhagya took a bold step toward entrepreneurship by opening her own boutique.

From trainee to trainer, and now an entrepreneur, Bhagya's journey reflects the power of skills and determination to transform lives and inspire others.



Bhagya's story is an inspiring example of how identifying and nurturing local talent can transform individuals into community champions.

Her progress demonstrates the power of skill development, perseverance, and the ripple effect of empowerment — where one success story leads to many more.



Testimonials from Bhagya

“ I started my journey with a tailoring training session, and it completely changed my life. The skills I gained not only gave me confidence but also opened doors to opportunities I never imagined—like leading a training session in another village.

“ I now work at the Government Skill Training Centre, take on weekend projects, and even run my own boutique. I'm proud of how far I've come and grateful for the support that helped me turn my passion into a livelihood.

Testimonials



TIDE has been a valued partner for BORDA South Asia under the BMZ-funded programmes in Karnataka. As a hands-on NGO with strong local presence, they bring practical experience in implementing water, sanitation, and solid waste initiatives. Their close engagement with communities and urban local bodies has helped translate project plans into workable solutions on the ground. TIDE's focus on marginalized communities ensures that interventions remain inclusive and context-sensitive. Their steady, impact-oriented approach has contributed to improving access and service delivery in several towns across Karnataka. We appreciate TIDE's collaborative spirit and commitment and look forward to continuing our partnership in advancing integrated WASH solutions in Karnataka.

Ansu Susan Cherian, Integrated Water Management at BORDA South Asia

It was truly inspiring to see the joy, excitement and determination on the children's faces as they participated. Thank you TIDE, for being with those children and igniting hope and for proving that kindness and dedication can change lives. We are eternally grateful to work with you. Keep doing the same and you have us at any time when you need it.

SGGSC Volunteers



Our funders' voices reflect the shared vision, trust, and commitment that drive TIDE's impact forward.

Technology Informatics Design Endeavour (TIDE) has developed and implemented the project titled Augmenting Rural Livelihoods through Skilling and Placement Services, starting from 16th of May, 2022 for 36 months. The project has trained 1054 women and youth of which 693 are earning an income when the project was closed down in June 2025. These results were better than expected. TIDE has provided training in soft skills, entrepreneurial skills, agarbatti, advanced tailoring and poultry keeping as well as marketing services. The GSRD Foundation and the Blue Ambition Fund from the Netherlands has financed 75% of the total project costs. We like to thank TIDE for the fruitful cooperation over the past years.

Anna Conrad & Aart van den Broek, Coordination team, Blue Ambition Fund

Board

Our Board



Mr. Dinesh
Kagathi



Mr. Jayachandria
A N



Mr. S.
Vishwanath



Ms. Gopi
Venkatraman



Ms. Sruthi
Krishnan



Dr. Srinivas N
Rao Shroff

Our General Body



Ms. Bithi
Agarwal



Mr. Deepak
Krishnan



Mr. Dinesh
Kagathi



Dr. Haysala
Chandkya



Dr. Rajagopalan
S



Ms. Gopi
Venkatraman



Mr. Jayachandria
A N



Mr. Ravichandran
K



Mr. Sampath
Kumar



Ms. Sonali
Srivatsav



Ms. Sruthi
Krishnan



Ms. Sumathy
Krishnan



Ms. Sunita
Suresh



Ms. Svati
Bhogle



Mr. S.
Vishwanath



Dr. Sreekanta
Swamy



Dr. Srinivas N
Rao Shroff

Our People



Aishwarya SJ



Anjali Wagle



Anuradha
S Nagaraj



Arjun Kumar
D



Ashwin
Kumar B



Atharva
Sawarkar



Balaji Rao G



Dheepak
Khumar



Gautam Lahiri



Hansaprabha
P



Jaswanth C J



Jyothi TB



Kalyan L



Kamala
Eshwar



Mohanraman
S



Nagalakshmi
V



Nagaraju KO



Naveen
Kumar DE



Nishanth K



Prahlad
Kumar



Pramod P



Premanath
SK



Priya
Darshani H



Priyanka R



Rangaswamy
G



Ranjeeta
Ajay Jha



Roshni Roy



Sahana NK



Santhosh
Cibi V



Sasi Priya



Satyanarayan
Sharma



Shilakumari AS



Sitaram A
Kharat



Sowmiya T



Suma HM







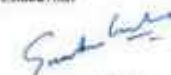
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Abridged Financials

TECHNOLOGY INFORMATICS DESIGN ENDEAVOUR
FF1, Saphagiri Apartments, No.30, 10th Cross, 15th Main Road,
RMV Extension, Sadashivanagar, Bengaluru - 560090

Balance Sheet as at 31st March 2025

Particulars	Note No.	As at 31st	As at 31st
		March, 2025	March, 2024
		In Rupees	In Rupees
SOURCE OF FUNDS			
Corpus - Award	1	7,36,970	7,36,970
General Fund	2	1,14,19,170	1,16,14,546
Entrepreneur Development Fund (EDF)	3	11,28,795	10,68,402
Staff Welfare Fund (SWF)	4	6,78,615	6,80,208
Total		1,39,63,508	1,41,00,126
APPLICATION OF FUNDS			
Fixed Assets	5	9,52,865	10,34,107
Current Assets			
- Advances & Deposits	6	6,52,729	4,35,200
- Receivables	11	-	512
- Fixed Deposit with Bank	7	1,06,00,000	1,00,50,000
- Other Current Assets	8	2,87,181	9,97,218
- Cash & Bank Balances	9	26,13,810	51,21,057
Total (A)		1,79,33,719	1,66,02,487
Less Current Liabilities			
- Sundry Creditors	10	5,73,091	3,55,486
- Unpaid Balances	13	34,50,025	31,80,982
Total (B)		40,23,076	35,36,468
Net Current Assets C = (A-B)		1,38,10,643	1,30,66,019
Total		1,39,63,508	1,41,00,126
Refer our Report of Even Date			
For MSSI & Co		For Technology Informatics Design Endeavour	
Chartered Accountants			
FRN: 0019875			
 Raviv Prasad Partner M No.203414		 Dinesh J Kulkarni Chairman	 A.N. Jayachandran Secretary
			 Ganesh Lakshmi Executive Director
Place: Bangalore		Place: Bangalore	
Date: September 24, 2025		Date: September 24, 2025	

TECHNOLOGY INFORMATICS DESIGN ENDEAVOUR

JT1, Supagari Apartments, No.20, 10th Cross, 15th Main Road,

HSN Extension, Indalshivanpur, Bangalore - 560080

Income & Expenditure Account for the year ended 31st March 2025

Particulars	Schedule No.	For the year ended 31st March, 2025	For the year ended 31st March, 2024
		In Rupees	In Rupees
INCOME			
(A) Project grants	11	6,42,86,653	4,29,09,341
Add: Interest earned on project grants	11	1,87,797	1,08,163
Unspent balance b/t from previous year	11	31,04,767	48,08,993
Less: Unspent balance at the end of the year	11	28,82,188	31,04,767
		6,46,17,059	4,47,11,730
(B) Donations received	11	7,10,497	94,023
Add: Interest earned on donations		1,814	-
Unspent balance b/t from previous year	11	79,703	44,287
Less: unspent balance at the end of the year	11	5,67,837	79,703
		2,12,177	59,609
(C) Other income			
- Overhead recovery	11	40,93,364	29,73,700
- Usage of TDR facilities	11	-	-
- Interest received		5,82,572	3,99,663
- Miscellaneous income		64,180	-
- Admin cost of sample stores		-	400
- Other Admin cost recovered		-	12,500
(D) Service income	11a	67,500	01,21,600
Total Income (A)		6,95,87,422	4,93,84,653
EXPENDITURE			
(A) Project expenses during the year	11	6,46,17,063	4,47,00,542
(B) Donation related expenses	11	2,12,127	79,117
(C) Administration expenses			
- Secretariat expenditure	12	46,08,965	46,26,006
- Depreciation	3	89,741	1,01,109
(D) Expenses Against Service Income	11a	2,25,240	97,1840
Total Expenditure (B)		6,97,82,338	5,04,72,614
Excess of expenditure over income for the year carried to Balance sheet	C = (A - B)	(1,95,416)	(10,88,961)

Baffle our Report of Even Date

For MNSV & Co

Chartered Accountants

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For Technology Informatics Design Endeavour

Ainesh

Director J Karghi

Chairman

A.N. Jayachandran

Secretary

Gautam Lakheri

Executive Director

Place: Bangalore

Date: September 24, 2025

Place: Bangalore

Date: September 24, 2025



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Technology Informatics Design Endeavour

A Science and
Technology NGO



info@tide-india.org



<https://tide-india.org/>



FF-1, Sapthagiri Apartments, No. 30,
10th Cross, 15th Main Road, RMV Extension,
Sadashivnagar, Bengaluru - 560080