



FY 2022 - 2023

ANNUAL REPORT

Technology Informatics Design Endeavour



30 years of **TIDE**

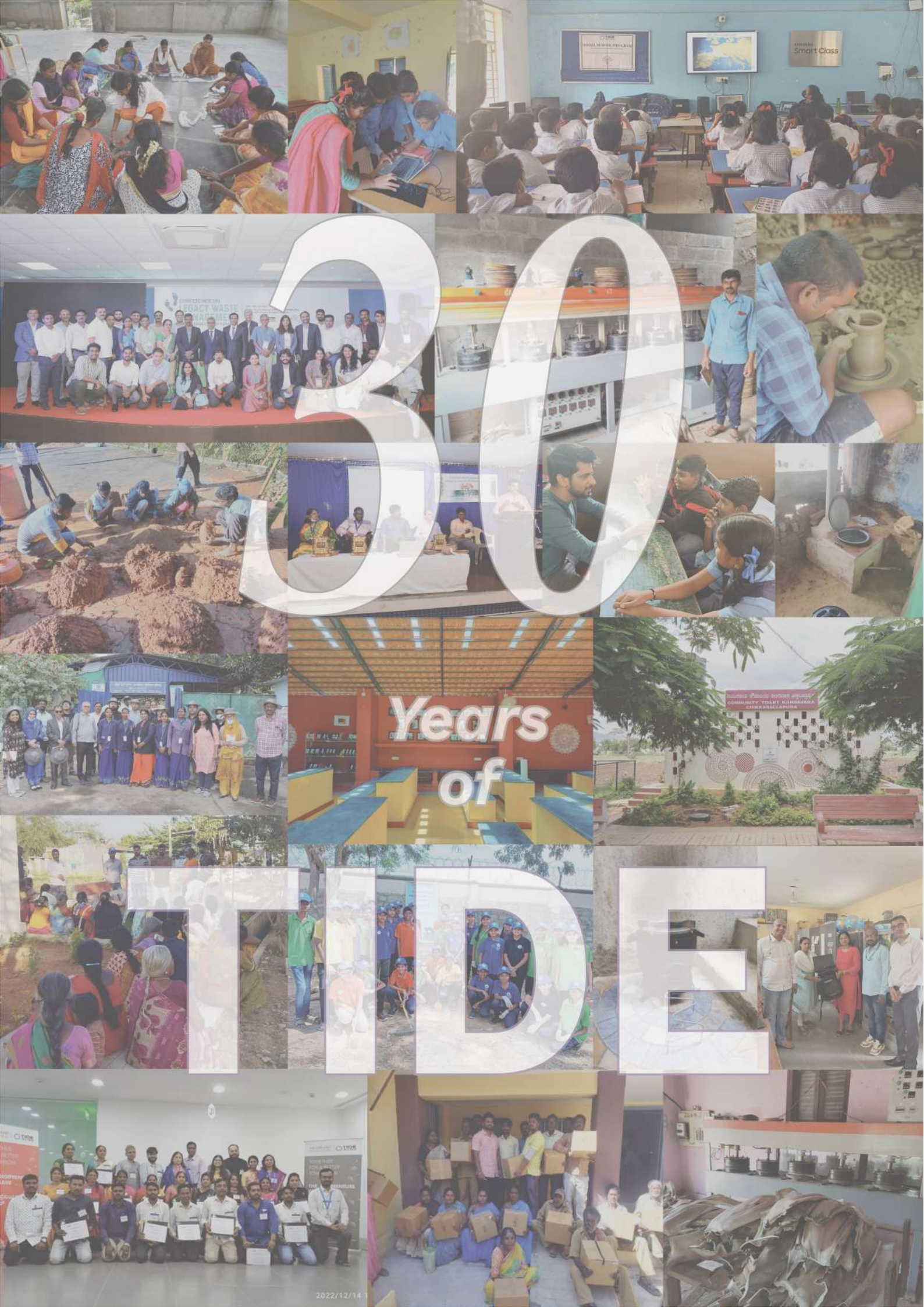


Table Of Contents

About Us	2
In Memorium – Honouring the legacy of N V Krishna	3
Foreword by the Interim and Current Executive Director	4
Turning 30 and What it Means for TIDE	6
Our Priority SDGs	10
Delivering on our Vision & Mission	11
TIDE's work in 2022 -23	12
Our Patrons	13
Strategic Goals of TIDE 2022-23	14
Programs Implemented	15
Let's hear from the Community – Case studies	26
TIDE in the news	30
Crisis as a Catalyst	31
Testimonials	32
Council of Management – Board & General Body	33
Our team	34
Financial Reports	35



About Us



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: AAATT1118N

GST: 29AAATT1118N2Z7

TAN: BLRT00701B



Social Media Handles



@Technology Informatics Design Endeavour



@Technology Informatics Design Endeavour



@TIDE_NGO



@TIDE.NGO



@TIDE_NGO



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



In memorium

***Honouring the legacy
of
Mr. N V Krishna***



It is with heavy hearts that we remember the life and contributions of Mr. N V Krishna who served as the Chairman of our esteemed BOARD for over a decade. Mr. N V Krishna was a true visionary, guiding our organization with unwavering dedication and unparalleled leadership. His commitment towards bridging the technology gap between the rural and urban areas and his strategic vision propelled us to newer heights, leaving an indelible mark on all our achievements.

As we bid farewell to our beloved Mr. N V Krishna, we express our deepest condolences to his family and friends. The impact of his leadership will resonate for generations to come, and we will continue to follow the path envisioned by Mr. N V Krishna.

Foreword



Ravichandran K Interim Executive Director

TIDE commenced FY22-23 equipped with a new business plan. The communities were emerging from the uncertainties of COVID-19, and things were gradually returning to a state of near-normalcy. This period also marked a time of transition in the organization. The leadership baton passed from Sumathy to me and now to Gautam seamlessly, highlighting the professional maturity of our organization.

Last year, TIDE executed a 1000 cook-stove project in just 30 days showcasing the project management capacity. TIDE also launched a few new initiatives, the solar hybrid mid day meal kitchen, The Green Neighbourhood project showcasing circular economy opportunities with marginalized communities along with Peri - urban skilling and livelihood initiative.

Among the ongoing projects, the integrated water management project focused on improving work and personal spaces of sanitary workers. We introduced the idea of sustainable menstruation through small-scale initiatives in schools, semi-urban areas, and rural communities. The impact of these initiatives is being closely monitored. TIDE's Model School and Eco-Warrior program underwent a revamp, incorporating years of feedback into a new framework curriculum.



This program continues to remain relevant given the increase of extreme climate events.

TIDE's rural livelihood programs have matured and our Village Enterprise Kiosk (VSK) initiative continues to reach digital services to rural interiors through a unique empowerment model. TIDE's placement center for informal livelihoods for rural income augmentation has started getting attention from communities and aggregators as it enters its second year. TIDE incubated Areca entrepreneurs who continued to thrive and expand their enterprises. With active academic collaboration, one innovative areca product has reached the market. Our seed digital dissemination platform Tide Slate continues to grow with knowledge modules getting added every year in multiple languages. I expect the momentum to continue in the coming year.

I express immense gratitude to our existing funders and mentors for their continued support of TIDE, as well as to our exceptional team of committed individuals whose dedication has allowed TIDE to remain grounded in its core values while continuing to be impactful.

Our seed digital dissemination platform Tide Slate continues to grow with knowledge modules getting added every year in multiple languages. I expect the momentum to continue in the coming year.



Gautam Lahiri

Executive Director

With TIDE turning 30 we are at an inflection point and it is therefore imperative to have a strategy refresh as we draw up our plan for the next decade.

I am delighted to have joined the remarkable team at TIDE, and thus far, it has been an incredibly enriching experience. Witnessing the breadth and depth of our work across sustainability, livelihood, and climate resilience has been truly inspiring. In my initial conversations with our esteemed partners, I have been encouraged by their unwavering commitment to our partnership in the years to come.

With TIDE turning 30 we are at an inflection point and it is therefore imperative to have a strategy refresh as we draw up our plan for the next decade. It is essential for us to take the time to reflect and comprehend how we can continue to stay relevant and amplify our impact through our work and thought leadership. Our ecosystem and operating landscape have grown increasingly complex and uncertain, with climate risks, energy crises, and geopolitical situation permeating every aspect of life in the planet.



Together, we will navigate the challenges and seize the opportunities that lie ahead, shaping a more sustainable and resilient future for all.

To propel TIDE's strategy towards success in the coming years, we must foster a culture of innovation and transformative thinking, with digital transformation at its core. Our unique blend of technological innovation, unwavering dedication to sustainability, and commitment to livelihood positions us as a vital contributor to India's pursuit of the Sustainable Development Goals (SDGs).

As we embark on this new chapter, I am confident that by embracing innovation, nurturing partnerships, and staying true to our mission, TIDE will continue to make a tangible difference in the lives of individuals and communities. Together, we will navigate the challenges and seize the opportunities that lie ahead, shaping a more sustainable and resilient future for all.



Turning 30 & What it means for TIDE

A NOTE FROM PAST LEADERSHIP....



Dr. Rajagopalan S Founder - TIDE

TIDE is celebrating its 30th year since its founding. In this remarkable journey, TIDE has received numerous accolades, including the prestigious international Ashden awards.

When we launched TIDE thirty years ago, we firmly believed that creative ideas emerging from Indian Research Institutions had the potential to enhance livelihoods in a sustainable manner. We were convinced that transforming exceptional ideas, concepts, and prototypes from esteemed institutions into replicable, deliverable, and sustainable devices, methods, and tools constituted a vital link in the innovation chain. Once this development was achieved, we envisioned that the technology would propagate through the ingenuity of small entrepreneurs.



The mission of TIDE at that time was to identify innovations, complete the innovation chain by developing them into enduring products, and identify, mentor, and nurture entrepreneurs who could make a living by disseminating these innovations and upholding the technology's reputation.

We also believed that the financial resources needed for this process could be generated from the users themselves through some form of royalty. Thus, TIDE's work could become self-sustaining.

Thirty years is a sufficiently long time for reflection. There have been notable achievements along with significant setbacks. Achievements encompass the development of numerous technologies, devices, and methods that have gained widespread acceptance among users. Several small enterprises have been established based on TIDE's work, providing income and employment opportunities. However, a major challenge has been achieving financial sustainability, as TIDE continues to rely on grants from government and philanthropic organizations. Users are unable to pay a fee to support TIDE. Equally pressing is the sustainability of the rural communities with whom TIDE collaborates, which is threatened by climate change.



Significant changes have occurred in the ecosystem in which TIDE operates. The Indian innovation ecosystem has matured, with academic institutions and research laboratories collaborating with industries and startups to commercialize their ideas. The venture fund ecosystem has also evolved. Consequently, TIDE's primary role of converting promising sustainable ideas into reliable, replicable products and building enterprises around them is no longer as necessary. Conversely, the communities TIDE supports are now vulnerable to climate change, with their livelihoods jeopardized by unpredictable weather patterns and the rapid depletion of natural resources, such as forests and water. These communities need assistance in navigating this crisis and establishing new sustainable livelihoods, which may differ from what was sustainable thirty years ago. This presents a formidable challenge for TIDE. Co-creating sustainability with communities is likely to be context-sensitive and not strictly replicable. It will be time-consuming and demand substantial financial resources.

When TIDE began, email itself was considered novel, and the internet operated via dial-up modems with only text accounts. The explosion of the internet and social media now offers TIDE an opportunity to collaborate with similar groups worldwide and engage in continuous mentoring with communities and grassroots organizations. Social media also heightens people's aspirations, which may at times be unsustainable. Educating people about how their lifestyle choices affect not only themselves but also the entire world poses an intriguing challenge.

TIDE finds itself at an inflection point, where newer challenges also bring newer opportunities. I am confident that the TIDE team will rise to the occasion.



Turning 30 & What it means for TIDE

A NOTE FROM PAST LEADERSHIP....



Sumathy Krishnan

Mentor & General Body Member

The mark of a successful organization is not whether or not it has problems, but whether it faces new challenges each year instead of repeating the same ones."

- John Foster Dulles, American politician and former Secretary of State



One of the significant achievements at TIDE has been our ability to continuously learn, adapt, and evolve as we tackle different problems. This includes both internal challenges related to organizational management and external challenges concerning societal issues.

As TIDE celebrates its 30th Birthday, my wish for the organization is to ensure its sustainability, including implementing long-term strategies for fundraising. I believe TIDE is well-positioned today to address this issue. With a long and rich history that has bestowed credibility, wisdom, and numerous tools, coupled with a young and vibrant team brimming with novel ideas and innovative approaches, TIDE possesses a killer formula that can propel the organization to new heights. Fortunately, the social purpose sector (SPO) ecosystem now seeks a combination of a grounded and trustworthy setup, along with a spirit to explore new approaches to old problems, which aligns perfectly with TIDE's strengths.

TIDE should also strike a balance between its deep expertise and wide-ranging approaches. On one hand, it should maintain its stature as a technology-focused innovative organization, and on the other hand, it should apply its expertise to various sustainability-related societal issues.

During TIDE's 25th-year celebrations back in 2017, many attendees expressed their wishes for the organization's journey in the next 25 years. I am immensely proud that we have surpassed the first milestone in that journey with TIDE's 30th Birthday. I am confident that the next 20 years will be even more eventful and impactful, and I eagerly look forward to celebrating TIDE on its golden birthday!"





It has transferred technology to the grassroots and developed new models of energy-linked rural entrepreneurship. Our spin-off entrepreneurs have done path-breaking work in participatory technology development.



Svati Bhogle

Mentor & General Body Member

An important takeaway from every introspection meeting conducted by TIDE over the decades has been its assessment that the original objectives of the society are still relevant. We commend the prophetic founders of TIDE for their visualization of the role of technology in development. I distinctly recall the feel-good sentiment at the end of each such meeting. Over the years, TIDE has stood steadfast in its commitment to technology for rural transformation. It has transferred technology to the grassroots and developed new models of energy-linked rural entrepreneurship. Our spin-off entrepreneurs have done path-breaking work in participatory technology development. They have been applauded for their very practical innovations that meet end-user expectations for energy efficiency.

In retrospect, TIDE was definitely ahead of its time in the way it developed and deployed energy-efficient devices and processes. Technological intervention for the sustainability and profitability of rural industries was a bold new idea about twenty-five years ago and did not have many backers. The conventional indicators for monitoring and evaluation were not relevant to our style of thinking and project implementation. M&E frameworks with social impact as the primary criterion often had to be redefined because we were reporting measurable quantitative commitments on biomass saved, arrested deforestation, income earned, etc. Empowerment indicators like gender, for example, were often qualitative, and we at TIDE discovered that we lacked key non-technical competencies and initiated corrective actions.

Development approaches have changed significantly in the last decade, and development organizations have evolved in response to new needs. Social entrepreneurship became the focus of grant-making organizations, and for-profit entities also became eligible for grants. TIDE was able to navigate through this shift, and it was quickly recognized as a valued social enterprise. However, its non-profit legal status and mindset were barriers to scaling early successes. In the past decade, climate change has emerged as the most significant global challenge. New partnerships and collaborations are emerging to adapt and mitigate this challenge and to build climate-resilient communities. If TIDE is to remain relevant in the development space, it must revisit and modify its project/program implementation strategies and embrace change as well. The doctrine of change, 'there is nothing permanent except change,' postulated by Heraclitus about 2500 years ago, is more relevant now than ever before. TIDE must realize that sustained long-term impact in these difficult times is like running a relay race. The applause for a champion sprinter running a 100m dash may be somewhat muted in the years to come.

I am confident that TIDE will introspect periodically. Its three-decade-old vision may still be relevant, but it is likely that it will be a part of the solution and not a complete stand-alone solution to mitigate poverty and distress. My best wishes for the coming decade.

Our Priority SDGs

Technology Informatics Design Endeavour (TIDE) is a forward-thinking organization dedicated to leveraging technology for sustainable development. Committed to the United Nations' Sustainable Development Goals (SDGs), TIDE focuses on creating innovative solutions to address pressing global challenges. Through our work, we strive to contribute to various SDGs such as clean energy, climate action, sustainable cities, and more. With our unwavering commitment to the SDGs, TIDE continues to drive positive change and work towards a sustainable future for all.



Delivering on our Vision & Mission

Vision

*A world where
Technology positively
equitably impacts
societies and
environment*



Mission

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



We are delighted to celebrate 30 years of unwavering dedication to fulfilling our vision and mission. Since its inception, TIDE has been a pioneering force in leveraging technology for sustainable development.

Our vision, which has remained remarkably unchanged since the beginning, is a testament to the foresight of our founders. It revolves around creating resilient and sustainable communities, ensuring equal access to resources for all people, regardless of caste, class, or currency, through the application of technology solutions.

Over the past three decades, our mission has evolved in tandem with the changing needs of society, showcasing our resilience and adaptability. Through collaborative efforts with government agencies, non-profit organizations, academic institutions, and local communities, we have co-created impactful projects that make a tangible difference in people's lives.

As we celebrate our 30th anniversary, we took the opportunity to review and revise our vision and mission, strengthening our direction for the coming years. Our renewed mission focuses on providing technology solutions for building sustainable communities, enhancing livelihoods and resilience, all based on our extensive experience of co-creating, adapting, and deploying technology solutions with communities. Given the pressing global challenges, TIDE has renewed its pledge to contribute with awareness, knowledge, and tools to individuals and communities on sustainability.

Our flagship initiatives include technology solutions and training for the conservation of natural resources, climate education, and behavioral nudges for sustainable practices. TIDE stands apart as a unique organization, combining strong technology expertise with a profound grassroots connection to people. This has allowed us to innovate and pilot unique solutions for improving livelihoods. One example of this is our Women's Technology Park (WTP), which was initiated about 13 years ago and continues to thrive. The WTP serves as a hub for various home-based enterprises, promoting a strong local economy with a special focus on empowering women. Deliberately adding resilience to our mission, we recognize its underrated yet critical importance in today's world. TIDE's extensive fieldwork has provided us with the wisdom to prioritize resilience, moving beyond tangible project outputs to foster long-term sustainability, which is particularly important for initiatives like QUEEN that focus on building resilience rather than immediate tangible outputs.

Looking to the future, TIDE remains steadfast in its commitment to leveraging technology to address evolving challenges and make a lasting impact on society. With a dedicated team and a rich legacy of accomplishments, we aim to be a beacon of innovation and a driving force for sustainable development not only within the country but also beyond its borders.

TIDE's work in 2022 - 2023



A total of 35000 including children, sanitation workers, rural women and youth benefited from our programs in Energy, WASH, Schools, and Livelihood domain



2.17 crore income generated by our beneficiaries through various livelihood opportunities provided

2500 MT of CO₂ emission reduced, and 29 MT of CO₂ emission sequestered through tree plantation activities



1 Government department, 1 academic institute, 2 Municipal Corporations, 4 organizations and 13 schools benefited from our programs



**Allocation of funds in
FY 2022 - 2023**

**Total project funds received -
Rs 3,81,71,385**

Energy



17%

Model School
Programme



28%

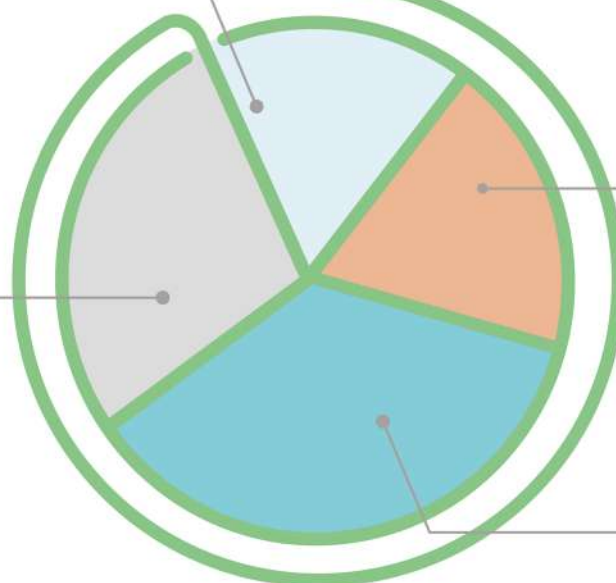
Skilling &
Livelihood

19%



Integrated
Water
Management

36%



Our Patrons

TIDE turning 30 years is more than just a milestone; it stands for decades of hard work, dedication of our team and the unwavering support of our patrons - funders and partners.

As we contemplate our journey, we gratefully acknowledge the strong role played by our partners, in the past and present. Our special thanks to the funders and partners who held their faith in TIDE as it went through a successful leadership transition. We are immensely proud of our team that did justice to their faith by delivering on the projects and steadfastly working to grow TIDE's impact under the new leadership.

Looking forward, we are filled with anticipation and excitement for the next phase of our journey. We will forge ahead along with you, united by a shared vision and a resolute commitment to sustainability, livelihood, and climate resilience. By harnessing the collective power of our collaboration, we will continue to push boundaries, innovate, and create transformative change.



HCLFoundation

MICROLAND[®]
FOUNDATION



BORDA
SOUTH ASIA



SOCIETE
GENERALE

KLUBER
LUBRICATION



15 YEARS
GSRD
FOUNDATION



POLARIS
Think Outside



Strategic Goals of TIDE 2022 - 2023



Skilling & Livelihoods

Through skilling and facilitation, we aim to create first time entrepreneurs and increase the income of existing enterprises by 25% thereby generating additional and alternative livelihood opportunities

Cut down the per capita CO₂ emissions of 1 lakh people by 2025 through efficient resource management and technology adoption.

Sustainable Communities



Enhancing Resilience



Enhance the capacity of a system, be it an individual, a community, an institution, or a city for economic and or environmental sustainability.

Programs Implemented

Skilling & Livelihoods

Social

1366

women and youth

with improved awareness of the non-farm-based location-specific livelihood opportunities



568

women and youth

skilled and provided with entrepreneurial and employment opportunities



25000

families

gained access to the government welfare schemes through 67 digital entrepreneurs skilled by TIDE



Economic

25%

increase in the income due to TIDE's training sessions cumulating to **42 lacs** per annum



67

digital entrepreneurs earned a cumulative income of Rs 40 lacs with an average monthly income of **Rs 5000** per entrepreneur



17

medium areca plate-making enterprises gained an average monthly profit of **Rs 54,000** cumulating to **Rs 88 lacs**



73

food entrepreneurs have made cumulative sales of **Rs 43 lacs** last year with an average monthly sale of **Rs 4892** per entrepreneur



Institutional

1 academic institute

and **1** government department for research, innovation, and training



1 community-based organization

with an improved capacity to conduct skill training programs for rural women and youth





Goal

To create 1,000 new profitable entrepreneurs and provide flexible livelihood opportunities to 1,000 women through skilling programs. Additionally, we aimed to increase the income of 1,500 existing businesses by 10%, promoting economic empowerment and sustainable livelihoods.

Introduction

Over the past year at TIDE, we continued our efforts to support both aspiring and established entrepreneurs. Our focus is to develop and support informal income generation opportunities. Through skill training programs in food, non-food, and digital enterprises, we focused on enabling part-time income generation through home-based businesses and full-time jobs. Our curated trainings have been arranged in collaboration with communities, and held in easily accessible locations to minimize travel, especially for women. Our unique approach ensured that trainees connected with buyers and aggregators from day one, experiencing immediate financial benefits after training. We provided guidance in product standardization, packaging, and labeling, and facilitated equipment support and market connections. Beyond technical skills, TIDE's livelihood model covered communication, financial literacy, marketing, and general awareness, empowering trainees to take control of their future.

Expanding our village enterprise Kiosk model into a fellowship model with support from the Microland Foundation, our first set of 20 fellows is set to graduate next year. They've established businesses in three taluks of Tumkur district, covering several villages and offering digital services to numerous individuals. These fellows have also gained essential skills in personality development, financial management, and social interaction. Our program aims to bring digital services to every citizen in the district.

In the Shimoga region, our support to areca plate makers extended beyond training, guiding them in adopting financial models for profitable ventures. These medium and large enterprises have exceeded projected incomes, with entrepreneurs earning an average of Rs 47,000 per month. With the Shimoga Areca Innovation Centre, TIDE not only strengthens the existing product market but introduces new value-added products to the areca plate industry.





In FY22-23, TIDE introduced innovations such as the Woman Technology Park (WTP) model for peri-urban areas in Chikkaballapur district and an enabling skills and livelihood placement center model. We have tackled the challenge of rural supply chain and logistics through cluster-based solutions and aggregator training, improving market access for our entrepreneurs. For enterprises requiring significant resources like ARECA leaf sheath businesses, we've successfully implemented financial plans and market penetration strategies, securing loans under the PMEGP scheme and establishing vital market linkages.

Addressing the challenges faced by some unsupported incubated enterprises, TIDE, with support from SVP, is identifying root causes and striving to revive units using existing TIDE connections. Overcoming a key challenge of leaf sheath unavailability during monsoon months, we're working with entrepreneurs and the raw material ecosystem.



Challenges & future plans

Despite challenges in linking youth entrepreneurs to financial schemes, we've found solutions through micro-finance institutions and grants. We're working on standardizing the business model for home enterprises and creating a DPR acceptable to financial institutions for small financing.

Based on our surveys in nine villages (totaling 230), we've learned that many women lack education and financial knowledge but are interested in entrepreneurship. With training, guidance, and support, we can empower them to overcome gender-related challenges. Collaboration with the government and companies can further this progress in suburban areas. In response, TIDE has initiated training programs covering business planning, packaging, labelling, and financial linkages.

Our upcoming target is to train over 200 aspiring and existing entrepreneurs in areas like food, tailoring, organic poultry, mushroom cultivation, and paper bag making. Looking ahead, we acknowledge the need for both livelihood and climate-resilient skills. We're expanding into untapped regions with demand for entrepreneurial support in Tumkur and Shimoga districts. Our commitment remains steadfast in scaling our programs, connecting enterprises to government schemes, and nurturing sustainable growth in rural micro and nano businesses.



Future outlook

Enhancing Resilience

The Model School Program

Social

1800

students empowered with right tools and knowledge to combat climate change



600

volunteers engaged



Environmental

215

tonnes of CO₂ emission reduction annually



29

tonnes CO₂ sequestered annually



272

MT of waste disposed sustainably per annum



180

KL of rainwater conserved and recharged annually



Institutional

13 SCHOOLS

with reduced carbon footprint and improved capacity to conserve natural resources





Goal

The objective of this program is to build community resilience using children as agents of change

Introduction

MSP transforming the educational landscape

The Model School Program, aims to enhance the quality of education and provide holistic development opportunities for students of underserved communities. Through strategic partnerships with local schools, we have continued to implement a range of sustainable initiatives to create an enabling environment for students' growth and empowerment.

Our journey so far in creating 'Green Schools'

Reduce dependence on conventional energy sources through our interventions, enhancing greenery, and hard interventions. The achievements and progress made by TIDE in collaboration with 33 schools. Our focus has been on promoting sustainable practices in the areas of energy conservation, waste management, water conservation, effective resource utilization, and infrastructure and built environment development. Through our initiatives, we have aimed to transform Government schools, Kendriya Vidyalaya and Navodaya schools into model schools, achieving significant energy savings.

Energy Conservation:

We have worked closely with the 33 partner schools to implement energy conservation measures. This included conducting energy audits, identifying areas of improvement, and providing guidance on energy-efficient practices.

By installing energy-efficient lighting systems and fans, and promoting responsible energy consumption habits among staff and students, we have achieved substantial energy savings across the schools.



Waste Management:

Effective waste management has been a key focus area for us. Through awareness campaigns, workshops, and the implementation of waste segregation practices, we have encouraged schools to reduce, reuse, and recycle waste materials.

By collaborating with local waste management agencies, we have facilitated the proper disposal of waste and promoted a clean and healthy environment within the school premises.



Water Conservation:

Water conservation has been a critical aspect of our initiatives. We have educated schools on the importance of water conservation and provided them with guidance on implementing water-saving techniques.

By promoting the use of water-efficient fixtures, implementing rainwater harvesting systems, and raising awareness about responsible water usage, we have helped schools achieve significant reductions in water consumption.



Effective Resource Utilization:

To optimize resource utilization, we have conducted workshops and training sessions for school staff and students.

By promoting efficient usage of resources such as electricity, water, and stationery, we have instilled a sense of responsibility towards the environment and encouraged sustainable practices in daily activities. This has resulted in reduced resource wastage and cost savings for the schools.



A big year for Volunteering & employee engagements

In alignment with our commitment to corporate social responsibility and community engagement, our organization initiated a series of volunteering engagement activities at MSP partner schools. These activities aimed to enhance the learning environment, promote environmental consciousness, and provide valuable insights to students on various topics.



Cleanliness Drives

Employee volunteers actively participated in cleanliness drives organized at school campuses. These drives were designed to instill a sense of cleanliness and hygiene among students while fostering a cleaner and healthier environment for learning. Employees formed groups and cleaned the campus. And educated students about the importance of cleanliness, and waste management. Through collaborative efforts, the school premises were transformed into cleaner and tidier spaces.



Plantation Drives

Environmental conservation was another focal point of our volunteering engagement activities. employees participated in plantation drives in collaboration with schools to promote green initiatives and instill a sense of responsibility towards nature in the young minds. The enthusiastic participation of employees and students ensured the successful planting of a significant number of trees on the school premises. These drives not only contributed to the beautification of the surroundings but also raised awareness about the importance of environmental sustainability.



Educational Sessions

To broaden the horizons of students and expose them to a wide range of topics, employees conducted educational classroom sessions at schools. These sessions covered diverse areas such as Basic spoken English, basic computers, and personal development. Through interactive presentations, demonstrations, and hands-on activities, employees shared their knowledge and expertise, inspiring students to explore new subjects and pursue their passions. The sessions aimed to ignite curiosity, creativity, and critical thinking among students, thereby enriching their educational experience.



- Total no of volunteers participated in sessions and events at schools **600**
- Total no of Volunteers sessions **48 sessions**
- Total no of volunteer hours **1500 hrs**
- Total no of students in the volunteering sessions **1863**
- Total no of MSP sessions **112**

Empowering Female Students through Pad Disposal Incinerators



As part of MSP's waste intervention and our commitment to addressing critical issues affecting girl children, TIDE implemented and installed sanitary napkin destroyers or incinerators in schools. This initiative aimed to promote menstrual hygiene, provide a safe and convenient solution for the disposal of sanitary napkins, and raise awareness about menstrual health among girl children. We provided training and awareness sessions to school staff, empowering them to maintain and monitor the usage of the incinerators effectively. Regular follow-up visits and sessions were conducted to address any concerns and make necessary improvements

46

no.s of incinerators with a burning capacity of 150 used napkins per day, were installed in schools



The establishment of Eco Clubs

In an effort to foster environmental awareness, promote sustainable practices, and empower students to become agents of change, our organization initiated the establishment of Eco Clubs in schools. These clubs served as platforms for students to actively engage in activities related to energy conservation, waste management, water conservation, and overall environmental sustainability.

The establishment of Eco Clubs in schools has proven to be a powerful tool for empowering students as agents of change and environmental ambassadors. Through their active involvement, students have contributed to a greener and more sustainable school environment. By nurturing a sense of responsibility and environmental stewardship. The Eco Club will inspire students to become lifelong advocates for a healthier and more sustainable planet.

Sustainable Communities

IWM Technology

Social

1000+

sanitation workers with basic facilities access



Environmental

10 KLD

black and grey water recycled and reused for gardening purposes



Institutional

2

Municipal Corporations with improved capacity to deliver basic WASH services to their citizens



The Inauguration of the Sanitation Workers' Resting Facility at Chintamani

The dignity of sanitation worker's work environment is a key focus to enabling quality WASH services in small towns. The inauguration of the resting facility marks a significant milestone in our ongoing commitment to improving sanitation workers' lives and working conditions. The facility has been designed and equipped with the well-being and comfort of the workers in mind. It provides a safe and hygienic space where sanitation workers can take much-needed breaks, dine, rejuvenate, and gather their strength before continuing their vital work. The resting facility features essential amenities like comfortable seating and dining areas, drinking water facilities, a photo gallery, and sanitary facilities including hand wash and leg wash areas. Showcasing sustainability, the resting facility is a refurbished underutilized structure designed with efficiency and pleasing aesthetics as objectives. The model is proposed to be developed into a toolkit for scaling across the state and beyond.

Goal

Improvement in people's quality of life with decreasing water and sanitation-related risks. This will be achieved by improving the provision of municipal water and sanitation services to disadvantaged, unserved and vulnerable citizens of small and medium towns.



Assessment of Water Balance conducted by TIDE in Chintamani town

Chintamani is a small town that heavily relies on unsustainable groundwater resources to meet its drinking water requirements. To transition to sustainable water management, an Integrated Urban Water Management (IUWM) framework was considered. The IUWM approach involves a comprehensive understanding of water resources, water distribution networks, wastewater collection, treatment, and sinks and stormwater. Based on the study, a water balance for Chintamani was developed, which follows the flow of water through the city, starting with rainfall and catchment areas feeding the water resources, supply, losses, and demand across domestic and other users, quantifying wastewater flows, treatment, and discharge.

To conduct the assessment, TIDE undertook multiple interactions with municipality officials and other stakeholders in the city. Water sampling and testing, mapping of key infrastructure, watershed mapping, aquifer mapping, and household surveys were conducted. Based on the study, some broad recommendations were given to the CMC for enhancing the water supply in the town.

Refurbishment and Inauguration of Aspirational Public Toilet in Chikkballapura

Chikkballapura is a small town with a population of close to 80,000. Being a minor commercial centre and the district headquarters, the town witnesses a high daily external footfall, necessitating the presence of functional and usable public toilets. Additionally, the Swachh Bharat Mission Guidelines require the availability of at least one aspirational public/community toilet to obtain an ODF+ certification. In cognizance of these facts and the CMC's desire to provide high-quality sanitation services, it sought TIDE's support to develop a High-Quality Aspirational Public Toilet. The CMC chose to renovate an existing defunct public toilet located near Ambedkar Bhavan next to the private bus stand, which is a high footfall area. The toilet was leased out to a non-profit organization for the construction and operation of the toilet 15 years ago. The toilet was in a dilapidated condition and required urgent repairs.

TIDE took up the renovation work by hiring an architect who specialized in water and sanitation-related fields. The architect and TIDE decided to increase the number of toilet seats in both male and female sections to reduce waiting time. A bore-well, sump, overhead tanks, and high-quality plumbing fixtures were installed for enhanced and user-friendly operations. The facility was finally completed and inaugurated in July 2022 by the then Minister for Health and Family Welfare, who appreciated TIDE. The operator has recorded increased footfall after the inauguration. A survey was conducted to gather feedback from users, the majority of whom felt the toilet service was of good value for the money they paid to use it scaling across the state and beyond.

Community-inclusive Water and Sanitation Solutions in the Sanitation Workers' Colony, Chikkballapura

Chikkballapura municipality has allotted 105 houses to sanitation workers and rag pickers under the Pradhan Mantri Awas Yojana (U) scheme in Kandawara locality. Currently, the houses are being constructed and are in the finishing stages. However clean water and WASH facilities were delayed due to high capital and implementation issues. The CMC showed keen interest in improving the overall water and sanitation situation in the colony and requested support from TIDE & BORDA. The project aimed to provide technical support and assistance to the municipality by offering suitable decentralized solutions for Integrated Solid and Liquid Waste Management for the overall development of the colony in terms of WASH aspects. This will benefit the underserved populations, especially the poor and disadvantaged citizens of the community, and improve their living standards in terms of health and hygiene practices.

The following activities were implemented in the colony:

- *Setting up a pilot 10KLD DEWATS system, which is essentially a wastewater treatment system.*
- *Piloting a Simplified Sewer System for some households.*
- *Construction and operationalization of a six-seater Community Toilet.*
- *Initiation of door-to-door collection of segregated solid waste.*
- *Awareness programs on source segregation of waste & menstrual hygiene.*
- *Organizing regular cleanliness drives.*
- *Installation of litter bins*



Biomass Technology

Social

6000+

people gained access to improved cookstove



70

women with augmented skills in stove building



Economic

4 Lacs

income generated by stove builders



Environmental

2367 Tonnes

of CO₂ emission reduction annually



Institutional

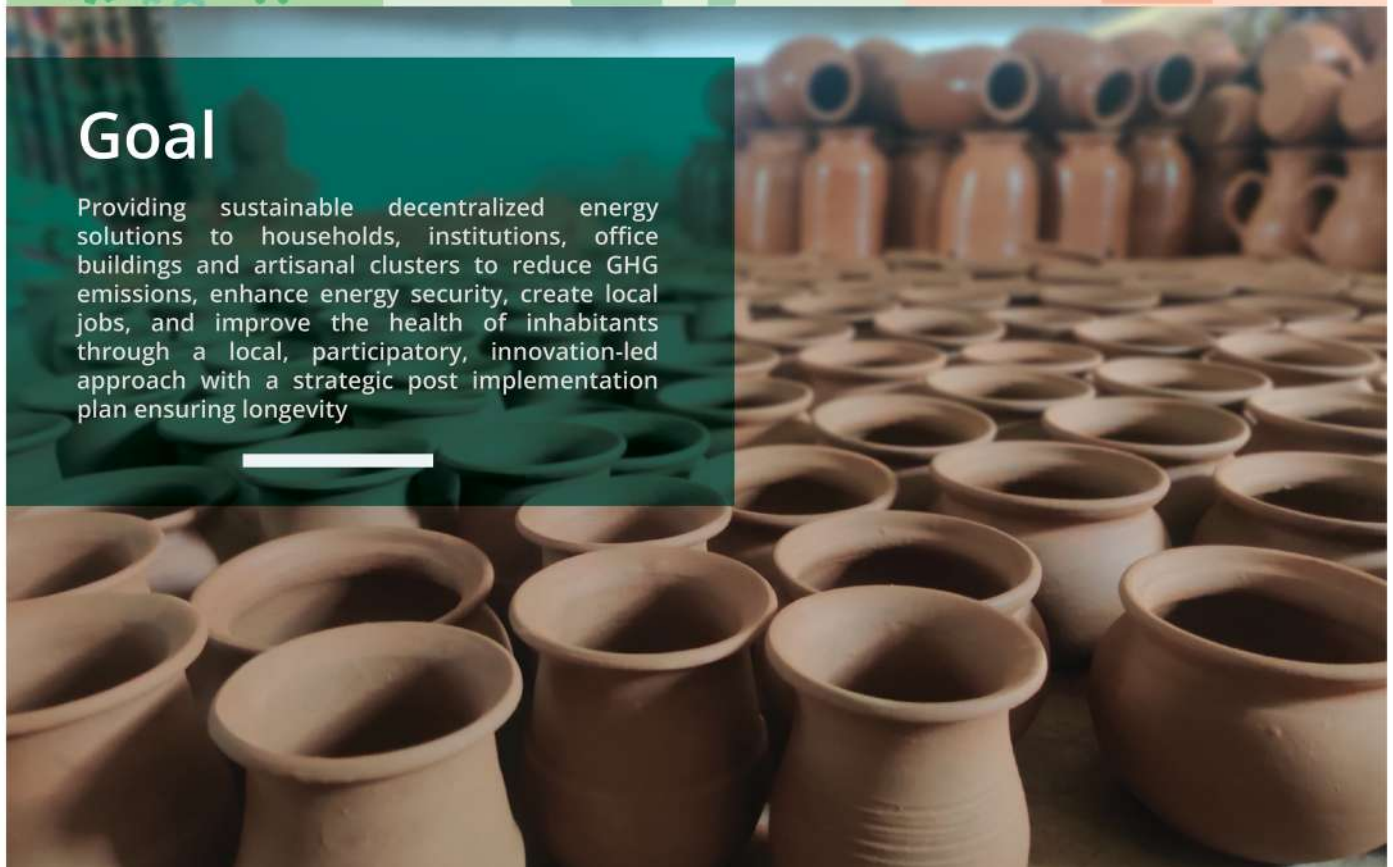
3

Organizations capacity built for stove dissemination activities



Goal

Providing sustainable decentralized energy solutions to households, institutions, office buildings and artisanal clusters to reduce GHG emissions, enhance energy security, create local jobs, and improve the health of inhabitants through a local, participatory, innovation-led approach with a strategic post implementation plan ensuring longevity



Providing Clean Cookstoves and Livelihood to Rural Communities in the Forest Fringes of Sathyamangalam Tiger Reserve

Clean cooking continues to be a practical climate mitigation initiative. This year, 1378 families in the forest fringes of Sathyamangalam benefited from clean cookstoves across 37 villages. Around 25-30 community members actively played the role of stove builders and pipe installers after receiving training from TIDE, collectively earning an aggregated income of Rs 4 lakhs throughout the project duration. This initiative is expected to save 1,178,000 kgs of firewood from being burnt, resulting in a reduction of 1,767 tonnes of carbon emissions compared to their previously used traditional cookstoves. As the Sathyamangalam region is an ecologically sensitive area, human-animal conflicts have been prevalent due to people venturing into the forest areas to collect firewood.

By reducing firewood consumption for cooking, this project aims to prevent them from spending excessive time in the woods and enhance their safety. In terms of long-term financial sustainability, these cookstoves significantly reduce cooking time, allowing women in households to explore livelihood options and generate ideas collectively to support their families. The efficient design of these cookstoves leads to less soot left on utensils and kitchen walls after cooking, saving families from the yearly expense of whitewashing walls. Due to the inaccessibility and unaffordability of LPG cylinders, the trained stove builders and pipe installers will continue to generate income from these activities over an extended period, making it possible to promote improved cookstoves in their own and nearby villages.



Providing Clean Cookstoves and Off-Season Livelihood Options to Coffee Plantation Workers in Kodagu, Karnataka

The clean cookstove 'Sarala' has benefited 200 families in the coffee plantation region of Kodagu. The primary livelihood in this area is coffee picking, which spans across the months of November to February. During their off-season, the workers received training in building Sarala stoves and installing chimneys for the stoves, collectively earning an income of Rs 1,05,050. This project provided an opportunity for women and men in the community to continue earning livelihoods during their off-season. The collaboration with the local organization opened a wide arena for TIDE to intervene in improving the lives of the community. This project is expected to save 2,00,000 kgs of firewood from being burnt, resulting in a mitigation of 300 tonnes of CO₂ emissions. United Way Mumbai supported this project.

Clean Cooking Stoves in Rural Areas of Tiptur, Karnataka

Supported by Give India, around 50 Sarala cookstoves were implemented in villages of Tiptur. Three of our stove-builder women have been generating their livelihood by building stoves in that region of Karnataka. These women serve as examples of the long-term beneficiaries of being trained as stove builders in rural areas and utilizing their skills to generate secondary livelihoods.



Let's hear from the Community – Case Studies

TIDE's Intervention for a Smoother Urban Transition of Vulnerable Communities



In the bustling sanitation workers' colony of Kandawara, Chikkaballapur, 29 households faced energy challenges. They had switched from biomass stoves to LPG through government initiatives, but the soaring LPG cost limited its usage to cooking alone. For bathing, they still relied on inefficient biomass stoves, posing health risks, especially to the elderly and children.

To address these challenges, TIDE collaborated with Polaris and the local municipality in March 2023. They replaced traditional biomass stoves with portable improved cookstoves, providing cleaner indoor air and significant fuel savings. Fuel consumption was reduced by 828 kg per annum, resulting in cost savings. Carbon emissions from biomass usage decreased from 4.14 to 2.9 tonnes per annum, fostering a healthier environment.

The sanitation workers in Chikkaballapur were allocated houses and LPG connections through a government scheme. However, they still used traditional stoves for bathing and resorted to inefficient biomass stoves when LPG ran out, endangering their health. TIDE recognized this issue during its sanitation initiatives and took action. With the municipality's support, they made bathing safer and more sustainable.

TIDE's intervention proved impactful, improving well-being and showcasing sustainable solutions. By partnering with local authorities and organizations like Polaris, they create lasting impacts on vulnerable communities, working towards a cleaner, greener, and healthier future.

Bhanu joins “The Sarala Stove Revolution”



In a small village within Sathyamangalam Tiger Reserve, Bhanu* and her family of four faced challenges collecting fuel for cooking due to encounters with wild animals. They relied on traditional cookstoves, leading to respiratory problems for the women and the burden of gathering firewood.

Despite the village's contribution to tiger conservation, limited access to formal livelihoods hindered their income growth. LPG was an option, but its economics and availability posed obstacles.

TIDE, in partnership with WWF-India, worked together to create awareness of conservation and provide solutions through improved cook stoves. They introduced the Sarala stove—an eco-friendly cookstove. Bhanu showed interest in becoming a stove builder and received training.

After installing the Sarala stove in her home, she experienced a significant reduction in firewood usage, cleaner air, and less soot on cooking vessels.

Impressed by the positive impact, Bhanu began building Sarala stoves, earning extra income. She shared her experience, inspiring others to receive training and acquire the stoves. Bhanu's newfound role elevated her self-worth, and she aspires to train more women in stove building for the benefit of the community and environment.

Through TIDE's biomass initiatives, communities tackle climate change and empower themselves. Over a thousand households in this biodiversity-rich area have already embraced the Sarala stove, transforming their cooking environment.

(*Note: Name changed to maintain privacy, photo cannot be displayed as per request)

Sustainable water management at JNV Rural



Jawahar Navodaya Vidyalaya Rural, known for its commitment to rural education, faced a dilemma: despite teaching the water cycle in classrooms, their own water usage was not efficient. This is where TIDE stepped in to restore circularity to this precious resource.

We found that the school relies heavily on borewell water, which has become scarce and highly hard, causing plumbing issues and impacting overall water quality. TIDE's team of experts worked closely with the school to design a comprehensive water restoration plan. Rainwater recharge pits were installed to replenish groundwater, and an advanced descaler improved water quality.

In addition to that, TIDE installed a grey water treatment providing an innovative solution. This plant recycles the kitchen's wastewater, diverting it from the drainage system and repurposing it for gardening.

The rainwater recharge pits replenish the groundwater, ensuring lush vegetation across the campus. The treated greywater from the kitchen now nurtures vibrant fruit trees and plants in the school's gardens, reducing fresh water usage significantly.

Impressed by the remarkable changes and the success of TIDE's intervention, JNV Rural became a model institution, sharing their newfound knowledge with other JNV schools. The impact of TIDE's intervention spreads like ripples in a pond, inspiring more schools to embrace sustainable water management practices.

Restoring Dignity: A Resting Facility for Sanitation Workers



Bhagya, a dedicated sanitation worker in Chintamani, faces numerous challenges in her daily routine. Lack of proper facilities and dignified space for meals were among the hardships she and her colleagues endured. The team, in collaboration with the City Municipal Council (CMC), recognized the need for change and embarked on a project to transform an unused building into a resting and dining facility exclusively for sanitation workers.

In early 2022, TIDE proposed the idea of refurbishing the building, and the Sanitation Workers Resting Facility, called Pourakarmikara Vishranthi Gruha, took shape. Extensive renovations were carried out, including a food serving platform, a comfortable dining area, handwashing kiosks, a functional toilet, and a drinking water vending unit. Artistic elements and landscaping enhanced the facility's appearance.

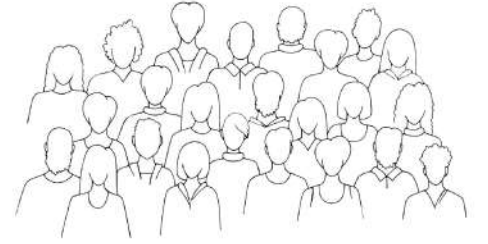
The Resting facility was inaugurated in September 2022, providing a clean and dignified space for sanitation workers. Bhagya and her colleagues can now cleanse themselves after work and have breakfast with dignity. The facility acknowledges their contributions and improves their well-being.

TIDE's intervention has significantly improved the working conditions for sanitation workers in Chintamani, restoring their dignity and creating a more inclusive community.

TIDE in the NEWS!



**Initiatives
dedicated to
empowering
WOMEN!**



TIDE has been conducting awareness sessions among rural women's communities on market-based services and employment opportunities.

ತಿಪಟೂರು ತಾಲ್ಲೂಕಿನ ಹರಿಸಮುದ್ರ ಗ್ರಾಮದಲ್ಲಿ ಗ್ರಾಮೀಣ ಮಹಿಳೆಯರಿಗೆ ಉದ್ಯೋಗ ಸೃಷ್ಟಿ ಮತ್ತು ಅರಿವು ಕಾರ್ಯಕ್ರಮವನ್ನು ಟೈಡ್ ಸಂಸ್ಥೆ ಹಾಗೂ ಜಿಎಸ್‌ಆರ್‌ಡಿ ಪ್ರಾಯೋಜಕತ್ವದಲ್ಲಿ ಟೈಲರಿಂಗ್ ಹಾಗೂ ದೀಪದ ಬತ್ತಿ ತಯಾರಿಕೆಯ ಬಗ್ಗೆ ತರಬೇತಿ ಕಾರ್ಯಾಗಾರ ನಡೆಯಿತು. ಟೈಡ್ ಸಂಸ್ಥೆಯ ಶೈಲಾ ಕುಮಾರಿ, ಟಿ.ಬಿ.ಜ್ಯೋತಿ ಇದ್ದರು

ಮಹಿಳೆಯು ಎಲ್ಲಾ ರಂಗಗಳಲ್ಲಿಯೂ ಬಲಿಷ್ಠರಾಗಬೇಕು; ನ್ಯಾಯಧೀಶೆ ನೂರು ಉನ್ನಿ

ತಿಪಟೂರು, ಮಹಿಳೆಯು ಎಲ್ಲಾ ರಂಗಗಳಲ್ಲಿಯೂ ಬಲಿಷ್ಠರಾಗಿ, ಶಕ್ತರಾಗಿ ಸದೃಢವಾಗಿ ನಿಲ್ಲಬೇಕಾದರೆ ಸಾಮಾಜಿಕವಾಗಿ ಆರ್ಥಿಕವಾಗಿ ಸದೃಢವಾಗಿ ಶಕ್ತರಾಗಿ ಶೈಕ್ಷಣಿಕತೆಯನ್ನು ಪಡೆದಾಗ ಕಾನೂನಿನ ಅರಿವು ಬರುತ್ತದೆ ಆಗ ಎಲ್ಲಾ ಕ್ಷೇತ್ರಗಳಲ್ಲಿಯೂ ಬೆಳೆಯಲು ಮಾತ್ರ ಸಾಧ್ಯ ಎಂದು ಜಿಲ್ಲಾ ಕಾನೂನು ಸೇವಾ ಪ್ರಾಧಿಕಾರ ಹಾಗೂ ನ್ಯಾಯಧೀಶೆ ನೂರು ಉನ್ನಿ ಸಾ ತಿಳಿಸಿದರು.

ತಾಲ್ಲೂಕಿನ ಅರಳಗುಬ್ಬೆ ಗ್ರಾಮದ ಮಹಿಳಾ ತಂತ್ರಜ್ಞಾನ ಉದ್ಯಮ ವನದಲ್ಲಿ, ಟೈಡ್ ಸಂಸ್ಥೆವತಿಯಿಂದ ಮಹಿಳಾ ದಿನಾಚರಣೆಯ ಕಾರ್ಯಕ್ರಮವನ್ನು ಉದ್ಘಾಟಿಸಿ ಮಾತನಾಡಿದರು.

ಕಾನೂನಾತ್ಮಕವಾಗಿ ಮಹಿಳೆಯರಿಗೆ ಇರುವ ಸೌಲಭ್ಯಗಳನ್ನು ಮತ್ತು ಮಹಿಳೆಯರಿಗೆ ಅದರ ಬಗ್ಗೆ ಇರುವ ಕುಂದು ಕೊರತೆಗಳ ಮಾಹಿತಿಯನ್ನು ಸಂಪೂರ್ಣವಾಗಿ ಮತ್ತು ಸಮಸಾರವಾಗಿ ತಿಳಿಸಿದರು ಹಾಗೂ ಮಹಿಳಾ ದಿನಾಚರಣೆ ಹಾಗೂ ಅಂತರರಾಷ್ಟ್ರೀಯ ಮಹಿಳಾ ದಿನಾಚರಣೆ ಹುಟ್ಟಿ ಬಂದ ಹಿನ್ನೆಲೆ ಸಾಗಿಬಂದ ದಾರಿ, ಪ್ರತಿಯೊಂದು ಮಹಿಳಾ ಆಯೋಗದ ಬಗ್ಗೆ ಹಾಗೂ ಕಾನೂನಾತ್ಮಕವಾಗಿ ಮಹಿಳೆಯ ಹೋರಾಟ ಮತ್ತು ಹಕ್ಕುಗಳ ಬಗ್ಗೆ ಮತ್ತು ಮಹಿಳೆಯ ಕೌಟುಂಬಿಕ ಜಿವಿವಟಕಗಳು ಮತ್ತು ಮಹಿಳೆಯ ಸ್ಥಾನಮಾನ ಸಮಾಜದಲ್ಲಿ ಸಾಮಾಜಿಕವಾಗಿ ಆರ್ಥಿಕವಾಗಿ ಹಕ್ಕು ಭಾಧ್ಯತೆಗಳ ಬಗ್ಗೆ ಸಮಸಾರವಾಗಿ ತಿಳಿಸಿದರು.



ಟೈಡ್ ಸಂಸ್ಥೆಯ ವ್ಯವಸ್ಥಾಪಕ ಕಿರಣ್ ಮಾತನಾಡಿ ಸಂಸ್ಥೆಯ ವತಿಯಿಂದ ಮಹಿಳೆಯರ ಸಬಲೀಕರಣಕ್ಕಾಗಿ ಹಲವಾರು ಕಾರ್ಯಕ್ರಮಗಳನ್ನು ಆಯೋಜನೆ ಮಾಡಿ ಅದರ ಪ್ರಯೋಜನವನ್ನು ಪಡೆದು ಹಲವಾರು ಮಹಿಳೆಯರು ಸ್ವೀಕೃತ ಸಂಘಗಳು ಆರ್ಥಿಕವಾಗಿ ಭದ್ರತೆಯನ್ನು ಹೊಂದಿರುವುದು ಖುಷಿ ಸಂಗತಿಯಾಗಿದೆ.

ಕಾರ್ಯಕ್ರಮದ ಅಧ್ಯಕ್ಷತೆಯನ್ನು ಮಾನಿನಿ ಸಂಸ್ಥೆಯ ಅಧ್ಯಕ್ಷರಾದ ಸಾಕಮ್ಮ ವಹಿಸಿದ್ದರು. ಭಾಗವಹಿಸಿದ್ದ

ಶಿಬಿರಾರ್ಥಿಗಳಿಗೆ ಕಾರ್ಯಕ್ರಮತೆಯನ್ನು ಗುರುತಿಸಿ ಪ್ರಶಸ್ತಿ ಪತ್ರಗಳನ್ನು ವಿತರಿಸಲಾಯಿತು. ಮೈಕ್ರೋಫೋನ್ ಫೌಂಡೇಶನ್‌ನ ಸಾನು ಮ್ಯಾಕ್ಸ್ವೀ, ಸೌಮ್ಯ ಗೋಕಲ್ ದಾಸ್ ಗಾರ್ಮೆಂಟ್ಸ್‌ನ ಮಹೇಶ್ ಹೆ.ಆರ್. ಕಾರ್ಯಕ್ರಮದಲ್ಲಿ ಚಿಕ್ಕಬಳ್ಳಾಪುರ ಹಾಗೂ ಸುತ್ತಮುತ್ತಲಿನ ಗ್ರಾಮಗಳಿಂದ ನಾಲ್ಕೂರಕ್ಕೂ ಹೆಚ್ಚು ಮಹಿಳೆಯರು ಭಾಗವಹಿಸಿದ್ದರು. ಕಾರ್ಯಕ್ರಮದಲ್ಲಿ ಶೈಲ ಸ್ವಾಗತಿಸಿ, ರಂಗಸ್ವಾಮಿ ವಂದಿಸಿ, ಪ್ರೇಮಾನಾಥ್ ನಿರೂಪಿಸಿದರು.



TIDE celebrated International Women's day on 28th March 2023 in the presence of 350 women entrepreneurs and well-wishers from government departments.



Crisis as a Catalyst

TIDE on bridging the Digital Divide in Rural India

Kiran B - Senior Manager, Skilling & Livelihoods

In today's fast-paced global scenario, digital technologies have emerged as powerful catalysts for economic growth and enhanced connectivity, especially during times of crisis. However, even in the age of technology, a significant gap persists in access to digital services and information, particularly among rural populations. In India, remote areas face challenges of limited awareness, internet connectivity, and literacy, hindering the effective utilization of government welfare schemes and resulting in unspent funds and missed opportunities. Addressing this pressing issue head-on, the TIDE-Microland partnership launched the ground-breaking Digipreneurs fellowship program.

The overarching aim of the Digipreneurs fellowship is to bridge the information gap and increase access to government entitlements and welfare schemes in Indian villages. From its inception in March 2022, the program selected 20 rural youth as fellows, empowering them through a comprehensive four-day training in various aspects of digital entrepreneurship. Armed with essential tools such as laptops, printers, and fingerprint scanners, these fellows set up kiosks within their communities to serve as Digipreneurs. Their role extends beyond merely providing information about welfare schemes; they actively assist community members in filing applications and navigating the often complex registration process.

Since May 2022, the program has seen remarkable success, assisting in the establishment of 20 operational kiosks, each generating profits and serving an average of 1000 households spread across 5-10 villages. A considerable portion of these kiosk centres are set up within homes, while others find a home in commercial spaces. The range of services offered by these grassroots entrepreneurs is diverse, encompassing income-earning opportunities such as Aadhar correction, PAN card issuance, caste and income certificates, bank correspondence services, and various government schemes like PM Kisan and Pani.

TIDE-Microland's strategic approach is noteworthy, as it has actively collaborated with the government's Digital India initiative, positioning the Digipreneurs program as an invaluable contribution to the vision of a digitally inclusive nation. Their efforts received a major boost when the program garnered support from the District CSC officer, who conducted training sessions on new government schemes.

Recognizing the potential for further growth and community engagement, additional services such as stationery supplies, mobile repair, and groceries were introduced to attract more customers and increase the program's impact.

Crucially, each Digipreneur takes charge of covering an average of five villages and one panchayat, fostering deeper ties within the communities they serve. As the project progresses, significant strides have been made in data collection, governance meetings, and training sessions, which serve to enhance the program's effectiveness.

Beyond its practical achievements, the Digipreneurs fellowship program serves as a powerful testament to the transformative potential of grassroots entrepreneurship and digital technology in bridging the gap between rural communities and government welfare schemes. Through empowerment, community engagement, and the strategic leverage of technology, the project is driving sustainable change and making a profound social impact. The success of this initiative highlights the need for collective efforts and innovative solutions to ensure that no one is left behind on the journey towards a truly digitally inclusive society.

In conclusion, the TIDE-Microland Digipreneurs program exemplifies how a crisis can be harnessed as a catalyst for change. By embracing digital technologies and empowering rural youth, this initiative is paving the way for a more equitable future, where no individual or community is excluded from the benefits of the digital revolution. Through the remarkable efforts of these grassroots entrepreneurs, the barriers to access are being dismantled, and the vision of a digitally inclusive India is becoming an inspiring reality.

Testimonials



- ▶ Although BORDA's partnership with TIDE is relatively new, starting in 2021, in a short span of 3 years, it already feels like the cooperation and collaboration are akin to that of an age-old teammate. BORDA was planning to re-initiate its work on "WASH in small towns" in Karnataka after a brief hiatus and was seeking a suitable local partner. TIDE, under the able leadership of Sumathy Krishnan and Ravichandran K, took up this challenge – working with small municipalities, traveling long distances, and dealing with approval and fund delays - all of this with patience and resilience! They drove this project to the results we had initially outlined as the "Most desirable outcome." We're pleased to have TIDE as a strategic partner, and hopefully, we will extend our reach to many more small towns in the future.

Snehith Prakash

Program Director,
BORDA-SA

- ▶ TIDE has been one of the first NGOs funded by SVP Bangalore. I've known TIDE since 2014 when SVP provided them with a small grant for an experimental project on energy audits. I began working closely with the organization a few years later, and together we explored various livelihood initiatives until deciding to fund their areca leaf plate initiative, which provides additional income to farmers in the Shimoga region. This pilot has been highly successful, and it's been a pleasure collaborating with TIDE on this endeavour. The projects are meticulously planned and well executed. Challenges are identified early and openly shared, enabling us to find resolutions or make necessary course corrections. The leadership team remains actively engaged in the fieldwork at all times. The team is highly receptive to new ideas and innovations, many of which have been explored throughout the project's duration to enhance outcomes.

TIDE is also one of the few non-profits where I've witnessed a formal exercise to translate the organization's vision into strategic goals, and from there, into 3-5-year execution targets—an exercise that engaged the entire organization. Observing such practices and experiencing such an empowering environment within the organization has been truly refreshing.

Anjana Kaul

SVP Bangalore



- ▶ "Working with TIDE has been a great experience for the Microland Foundation. The dedication to fostering a strong, collaborative, and open relationship has played a crucial role in meeting the evolving needs of our 'Digipreneur' project. The organic evolution of the project is a result of harnessing the power of partnership and being flexible with evolving needs and expansive ideas. TIDE understands that innovation is the key to creating a long-lasting impact, and hence, their openness to deploying relevant technologies and embedding digital processes has ensured that our partnership remains cutting-edge and impactful. With 30 years of experience in the field, they have built an incredible amount of ground-up trust and credibility. TIDE is the partner of choice for any organization seeking a forward-thinking and transformative alliance."

Kalpana Kar

Trustee,
Microland Foundation

Council of Management

Our Board



Mr. Hari Natarajan

Chairperson



Mr. Jayachandra AN

Secretary



Ms. Gopi Venkataraman

Member



Dr. Shailaja Rao

Member

Our General Body



Mr. A. N. Jayachandra



Ms. Bithi Agarwal



Mr. Dinesh Kagathi



Ms. Gopi Venkataraman



Mr. Hari Natarajan



Dr. Hoysala N Chanakya



Mr. K Ravichandran



Dr. Rajagopalan S



Mr. Sampath Kumar



Dr. Shailaja Rao



Mr. Sreekanta Swamy



Ms. Sumathy Krishnan



Ms. Svati Bhogle



Ms. Sonali Srivastava



Ms. Sruthi Krishnan



Mr. Vinod Vyasulu



Mr. Vishwanath S

Our Team



Ms. Amrita Das



Ms. Anuradha S
Nagaraj



Mr. Arjun Kumar



Mr. Ashwin
Kumar



Mr. Balaji Rao



Mr. Dheepak
Kumar



Ms. Ganashree
K S



Mr. Gautam
Lahiri



Ms. Hansaprabha
Potdar



Mr. C J
Jaswanth



Ms. Jyothi T B



Mr. Kiran B



Mr. Naveen
Kumar



Mr. Nishanth K



Mr. Premnath
S K



Mr. Pramod
Deshpande



Mr. Rathnakara
E S



Mr. Rangaswamy



Ms. Nagalakshmi
V



Mr. Santhosh
Cibi



Mr. Shankar



Mr. Sunil Patil



Ms. Shilakumari



Ms. Sitara
Ayanna



Mr. Suman



Ms. Anjali Wagle



Mr. Prahlad



Abridged Financials



MSSV & Co.
Chartered Accountants

INDEPENDENT AUDITOR'S REPORT

To,
The Members,
Technology Informatics Design Endeavour,
Bangalore

1. Opinion

We have audited the accompanying Financial Statements of **M/s. Technology Informatics Design Endeavour**, which comprise the Balance Sheet as at 31st March, 2023 and the Income and Expenditure Account for the year then ended and a summary of significant accounting policies and other explanatory information.

In our opinion and to the best of our information and according to the explanations given to us, the said accounts read together with the significant accounting policies and notes to accounts thereon give a true and fair view in conformity with the Accounting Principles generally accepted in India:

- (a) In the case of Balance Sheet, of the state of affairs of the Society as at 31st March 2023; and
- (b) In the case of the Income and Expenditure Account, of the Excess of Expenditure over Income for the year ended on that date;

2. Societies Responsibility for the Financial Statements:

Society is responsible for the preparation of these Financial Statements that gives a true and fair view of the financial position and financial performance of the Society. This responsibility includes the design, implementation and maintenance of internal control relevant to the preparation of the financial statements that are free from material misstatement, whether due to fraud or error.



Head Office: No 63/2, 2nd Floor, Railway Parallel Road, Kumara Park West, Bangalore – 560 020
Telephone: 080 23565065, 080 23565068, 080 23565073 Fax: 080 23565076
Branch Office: No. 58, 4th Floor, Railway Parallel Road, Kumara Park West, Bangalore – 560 020
Telephone: 080 23469251, 080 23469252, 080 23565067

3. Auditor's Responsibility:

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with the Standards on Auditing issued by the Institute of Chartered Accountants of India. Those Standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosure in the financial statements. The procedures selected depend on our judgement, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, we have considered the internal control relevant to the Society's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances. An audit also includes evaluating the appropriateness of accounting principles used and reasonableness of the accounting estimates made by the management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

4. Report on other Legal and Regulatory requirements

- (a) We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purposes of our audit.
- (b) In our opinion, proper books of accounts as required by law have been kept by the company so far as appears from our examination of those books.
- (c) The Balance Sheet and the Income & Expenditure Account dealt with by this report are in agreement with the books of accounts.

for MSSV & Co.,
Chartered Accountants
FRN: 001987S





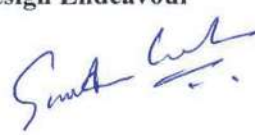

Ravi Prasad
Partner
Membership No. 203414
UDIN: 23203414BGWDFY3801



Place: Bangalore
Date: September 2, 2023

TECHNOLOGY INFORMATICS DESIGN ENDEAVOUR
FF1, Sapthagiri Apartments, No.30, 10th Cross, 15th Main Road,
RMV Extension, Sadashivanagar, Bengaluru - 560080

Balance Sheet as at 31st March 2023

Particulars	Note No.	As at 31st March, 2023	As at 31st March, 2022
		In Rupees	In Rupees
SOURCE OF FUNDS			
Corpus - Award	1	7,36,970	7,36,970
General Fund	2	1,27,03,507	1,33,82,981
Entrepreneur Development Fund [EDF]	3	10,17,838	9,77,724
Staff Welfare Fund [SWF]	4	6,80,315	6,75,711
Total		1,51,38,630	1,57,73,386
APPLICATION OF FUNDS			
Fixed Assets	5	11,29,546	10,76,245
Current Assets			
- Advances & Deposits	6	4,82,700	5,01,700
- Receivables	12	80,301	5,62,931
- Fixed Deposit with Bank	7	1,29,50,000	1,10,23,385
- Other Current Assets	8	3,58,750	19,58,244
- Cash & Bank Balances	9	54,18,124	46,75,605
Total (A)		1,92,89,875	1,87,21,865
Less: Current Liabilities			
- Sundry Creditors	10	3,50,810	1,37,466
- Unspent Balances	11	49,29,981	38,87,258
Total (B)		52,80,791	40,24,724
Net Current Assets C = (A-B)		1,40,09,084	1,46,97,141
Total		1,51,38,630	1,57,73,386
<p>Refer our Report of Even Date</p> <p>For MSSV & Co.,</p> <p>Chartered Accountants</p> <p>FRN: 001987S</p> <p> </p> <p>Ravi Prasad</p> <p>Partner</p> <p>M No.203414</p> <p>Place: Bangalore</p> <p>Date: September 2, 2023</p>			
<p>For Technology Informatics Design Endeavour</p> <p> </p> <p>A.N. Jayachandra</p> <p>Chairman</p> <p>Secretary</p> <p></p> <p>Gautam Lahiri</p> <p>Executive Director</p> <p>Place: Bangalore</p> <p>Date: September 2, 2023</p>			

TECHNOLOGY INFORMATICS DESIGN ENDEAVOUR






*FF1, Sapthagiri Apartments, No.30, 10th Cross, 15th Main Road,
RMV Extension, Sadashivanagar, Bengaluru - 560080

Income and Expenditure account for the year ending 31st March 2023

Particulars	Schedule No.	For the year ended 31st March, 2023	For the year ended 31st March, 2022
		In Rupees	In Rupees
INCOME			
(A) Project grants	11	3,80,33,110	2,89,25,927
Add: Interest earned on project grants	11	1,10,371	2,37,555
Unspent balance b/f from previous year	11	32,51,946	88,48,338
Less: Unspent Balance at the end of the year	11	48,08,393	32,51,946
		3,65,87,034	3,47,59,874
(B) Donations received	11	1,43,715	1,67,084
Add: Unspent balance b/f from previous year	11	72,381	3,25,049
Less: unspent balance at the end of the year	11	41,287	72,381
		1,74,809	4,19,752
(C) Other income			
- Overhead recovery	11	23,40,818	11,30,151
- Usage of TIDE facilities	11	52,654	1,45,633
- Interest received		5,29,759	5,32,971
- Miscellaneous income		11,148	150
- Admin cost of sarala stoves		3,050	2,400
- Other Admin cost recovered		6,250	60,850
(D) Service income incidental to objects	11a	4,74,861	26,58,971
Total Income (A)		4,01,80,383	3,97,10,752
EXPENDITURE			
(A) Project expenses during the year	11	3,65,87,035	3,47,59,972
(B) Donation related expenses	11	1,74,808	4,19,654
(C) Administration expenses			
- Secretariat expenditure	12	31,17,117	19,13,987
- Depreciation	5	1,24,416	91,493
(D) Expenses against Service Income	11a	4,70,091	12,33,005
(E) Claims from DST not receivable		4,42,506	-
Total Expenditure (B)		4,09,15,973	3,84,18,111
Excess of expenditure over income for the year carried to Balance sheet	C = (A-B)	(7,35,590)	12,92,641
<p>Refer our Report of Even Date For MSSV & Co., Chartered Accountants FRN: 0019878</p> <p>For Technology Informatics Design Endeavour</p> <p>Ravi Prasad Partner M No.203414</p> <p>Chairman</p> <p>A.N.Jayachandra Secretary</p> <p>Gautam Lahiri Executive Director</p> <p>Place: Bangalore Date: September 2, 2023</p> <p>Place: Bangalore Date: September 2, 2023</p>			

TECHNOLOGY INFORMATICS DESIGN ENDEAVOUR FF1, Sapthagiri Apartments, No.30, 10th Cross, 15th Main Road, RMV Extension, Sadashivanagar, Bengaluru - 560080			
RECEIPTS AND PAYMENTS ACCOUNT			
Particulars	Sch. No.	For the year ended 31st March, 2023	
		In Rupees	In Rupees
RECEIPTS			
Opening Balance			
- Cash on Hand	9	2,104	
- Cash at Bank	9	46,73,500	46,75,604
Project Receipts			
- Grant - Specific Projects / Programmes	11	3,79,45,670	
- Donations	11	2,25,715	3,81,71,385
Overhead Recovery / Receipt - Per Contra		15,05,080	15,05,080
Usage of Facilities Recovery / Receipt - Per Contra		-	-
Interest Received			
- Interest on I.T refund		16,115	
- Interest on Staff Loan		8,500	
- FD interest		5,72,869	
- SB interest		89,761	6,87,245
Recoveries			
Travel / Project Advance Recovery			
- Staff/ Entrepreneurs and others		22,08,251	22,08,251
Salary Deductions - Recovery			
- Professional Tax		87,000	
- Provident Fund		15,79,905	
- SWF Loan		1,41,700	
- Gratuity		2,96,594	21,05,199
Other Recoveries			
- TDS Recovery (Consultants/Contractors)		7,12,926	
- GST		1,27,864	8,40,790
Other Receipts / Refunds			
- Interest Receivable on F.D (Receipt)		28,474	
- TDS refunds		3,00,324	
- Receipt of Outstanding		2,362	
- Refund of Rent Advance		1,50,000	
- Refund of Staff Loan		1,82,700	
- Other receipts		2,016	6,65,876
- Fixed Deposit - Withdrawal			
- NON-FCRA		68,23,385	
- FCRA		56,00,000	1,24,23,385
Sundry Debtors			
Received against Invoices		19,88,495	19,88,495
Other Misc Income			
Other miscellaneous income		11,498	11,498
Entrepreneur Development Fund (Receipts)		-	-
Staff Welfare Fund (Receipts)		-	-
Inter office account		-	-
Total		6,52,82,808	6,52,82,808



Particulars	Sch. No.	For the year ended 31st March, 2023	
		In Rupees	In Rupees
PAYMENTS			
Project Expenditure			
- Specific Projects / Programmes	11	3,52,02,011	
- Donation related expenses	11	58,195	3,52,60,206
Secretariat Expenditure	12	31,71,070	31,71,070
Travel / Project Advance			
- Staff		12,51,786	
- Entrepreneurs /Others		24,88,858	37,40,644
Staff Loan		2,77,000	2,77,000
Deposits			
Fixed Deposit			
- NON-FCRA		85,00,000	
- FCRA		56,00,000	
- EDF		2,50,000	1,43,50,000
Salary Deductions - Remittance			
- Professional Tax		83,300	
- Provident Fund		15,13,419	
- SWF Loan		1,70,200	
- Gratuity		2,80,662	20,47,581
- TDS - (Consultants / Contractors)		5,83,829	
- TDS - Grantors / Bank		1,00,052	
- GST		1,11,798	7,95,679
Entrepreneur Development Fund (expenses)		1,217	1,217
Staff Welfare Fund (Payments)		43,573	43,573
Inter office Accounts		-	-
Fixed Assests		1,77,717	1,77,717
Closing Balance			
- Cash on Hand	9	1,933	
- Cash at Bank	9	54,16,188	54,18,121
Total		6,52,82,808	6,52,82,808
<p>Refer our Report of Even Date For MSSV & Co Chartered Accountants FRN 001987S</p> <p>For Technology Informatics Design Endeavour</p> <p> Ravi Prasad Partner M No.203414</p> <p></p> <p> Chairman</p> <p> A.N.Jayachandra Secretary</p> <p> Gautam Lahiri Executive Director</p> <p>Place: Bangalore Date: 02 Sep 2023</p> <p>Place: Bangalore Date: 02 Sep 2023</p>			



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of **TIDE**

Thank You

Technology Informatics Design Endeavour

A Science and Technology NGO

Contact Us



Email ID & Website
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