



# TIDE

# 23<sup>rd</sup>

Annual Report  
2015-16



# Technology Informatics Design Endeavour (TIDE)

## Office address

Technology Informatics Design Endeavour (TIDE)

19, 9<sup>th</sup> Cross, 6<sup>th</sup> Main,

Malleswaram,

Bangalore – 560 003.

Ph : 91-80-2331 5656

Fax : +91 80 23344555

E mail : tide@vsnl.com, info@tide-india.org

## Web presence

Web site : [www.tide-india.org](http://www.tide-india.org)

Facebook : <https://www.facebook.com/pages/Technology-Informatics-DesignEndeavour/108424802574316>

Linked in : <https://www.linkedin.com/company/technology-informatics-design-endeavour-tide->

## Legal and Financial details

TIDE is registered under Karnataka Societies Registration Act with the No : 131/93-94 dated 11<sup>th</sup> May 1993.

TIDE has FCRA, 12A and 80G certificates and PAN number.

## Key office bearers

Ms. Svati Bhogle, Secretary and CEO, [svati.bhogle@tide-india.org](mailto:svati.bhogle@tide-india.org)

Ms. K. Sumathy, Executive Director, [k.sumathy@tide-india.org](mailto:k.sumathy@tide-india.org)

TIDE is a TIER I listed NGO with GIVE INDIA portal. Visit <http://www.giveindia.org/m-1519-Technology-Informatics-Design-Endeavour--TIDE-.aspx> to make a donation

## Implementation/Scaling partners

Sustaintech India Pvt Ltd : [www.sustaintech.in](http://www.sustaintech.in)

MANINI SHG enterprise : [www.tidemanini.com](http://www.tidemanini.com)





**TIDE**

**23<sup>rd</sup>**   
**Annual Report**  
**2015-16**



Foreword.....	1
Highlights of the year.....	3
Glimpses of our work.....	4
Case studies.....	13
TIDE as expert resource organization.....	16
Press coverage and publications on / by TIDE.....	17
Interns at TIDE.....	19
Financial report.....	20
TIDE operational team.....	26
TIDE Management team.....	27



TIDE  
wins the  
**India  
NGO  
Award  
2014-15**  
in July  
2015,  
given by  
Resource  
Alliance

The highlight of the year was TIDE winning the India NGO Award 2014-15 in July 2015, given by Resource Alliance. The award “acknowledges and rewards TIDE which is setting and promoting best practices in resource mobilization, accountability and transparency”. At TIDE, the credit goes to all past and present staff and Board for setting and delivering high quality work in a transparent and ethical way, while impacting the society in a positive way.

The award, apart from being a morale booster has also reinforced our belief in innovation. Be it product/technology or methodology, our strength is in identifying needs, innovating solutions and ensuring that the innovations create the desired impact through different dissemination models. It is also of interest that these models are quite unique and diverse, ranging from commercial companies to SHG managed enterprises to Government/CSR aligned programs.

During this year, we also revisited our vision and mission statements, an exercise that is recommended to be done periodically for any organization. We have come out with a more relevant and focused version for our vision and mission which is:

## Vision

*Towards a world where  
innovations positively and  
equitably impact all sections  
of society and environment*

*To develop, adapt and  
disseminate technological  
products and processes  
that meet rural and urban  
livelihood needs sustainably*

## Mission



We have also designed a new brochure for TIDE capturing all our strengths and proven methodologies for creating impact. These reinforce the message internally and externally that TIDE exists:

- \* To improve lives and the environment
- \* To create opportunities for the underserved
- \* To be a Change Agent and create more Change Agents from grass root
- \* To demonstrate that technology can be an enabler

Look forward  
to field  
dissemination  
and scaling  
of innovative  
initiatives in  
the coming  
year

We are happy to share that as per our plan, we have initiated our Knowledge capture and dissemination effort through a 30 minute instructional video in Hindi and Kannada on construction of Sarala stoves. We have also made good progress in pan India reach through partnerships with grass root agencies recommended through our funders including Department of Science of Technology – GOI, UNDP-GEF-SGP, WWF, NABARD, etc.

Our growing initiative **Vidyut Rakshaka** is again a very innovative program striving to bring about citizen led energy management in urban cities. We have a proven methodology and will be looking at scaling this with interesting partnerships during the coming year.

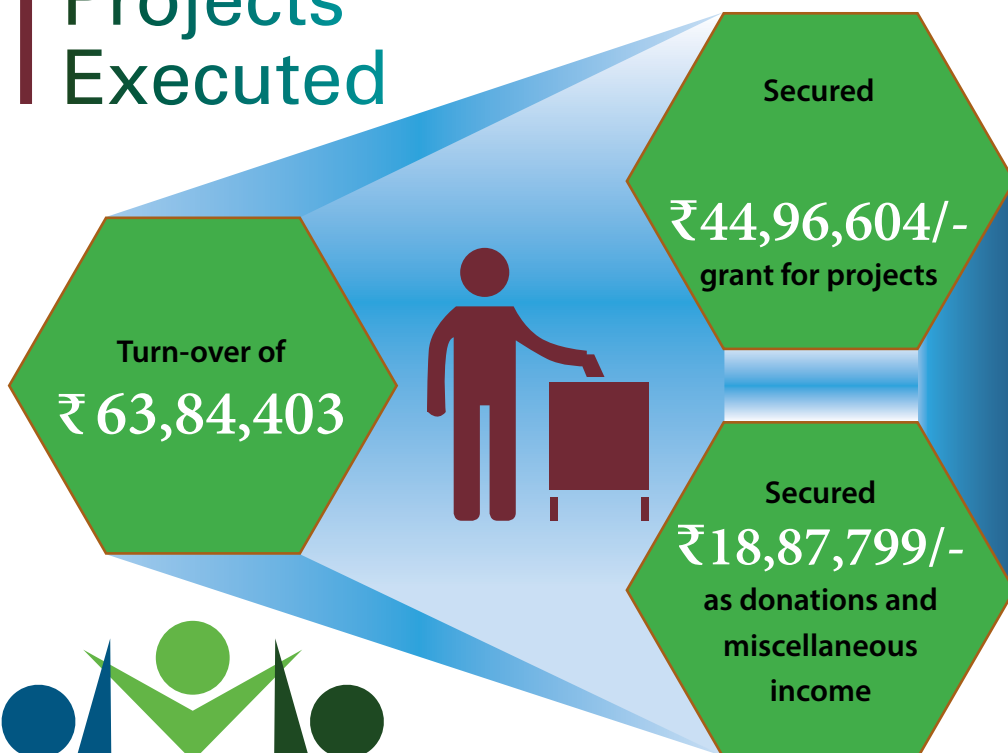
In the cook stove sector, TIDE would be involved in the dissemination of the state of the art Agni Sakhi (house hold use) and Agni Mithtra (for institutional use) stoves through innovative, community led fuel supply chains. These stoves have been developed at FEAST (Energy Advanced Sustainable Technologies Foundation, founded by Prof H S Mukunda, Retired Professor, Department of Aerospace Engineering, Indian Institute of Science) and our partner Sustaintech Pvt Ltd will be marketing them. These stoves use loose agro residues as fuel and have clean and complete combustion (no release of toxic smoke) of biomass fuel and have very good heat transfer.

So, as you can see in the report, whole lot of ground work has been done during the year and we will be focusing on field dissemination and scaling of these innovative initiatives during the coming year!

**K. Sumathy**  
Executive Director



# 11 Projects Executed



**6** Institutional funders during the year, out of which 5 are first timers in 2015-16

**3** CSR partners

**122** Individual donors



TIDE is very proud to receive the (joint) winner award of the India NGO awards in the small category for the year 2014-15. The award is given by Resource alliance, in partnership with Rockfeller Foundation and Edel Give Foundation.



## R&D in commercial cook stoves



Sloping grate fuel feeding port  
in PYRO stove 54 cm



Developed adobe brick based  
chimney as alternate to ce-  
ment pipes



Developed housing for LPG burners  
in PYRO stoves



As we expand geographically and across various user and fuel segments, TIDE continues to customize stove designs to meet various needs. Details of our work in commercial cook stoves and accessories are listed in Table 1.

**Table 1: Details of R and dissemination work in commercial cook stoves at TIDE**

No	Stove Model/ Accessory	Features	Fuel and Sector	Comments
1	Sloping grate 54cm	Power level of 4-5kg/hr 30% fuel saving compared to traditional stoves	Loose biomass and agro waste as a fuel in a commercial midlevel cooking segment	
2	Agnimithra stove	Forced draft clean combustion stove. Has compact high rpm blower which helps in complete air mixing leading to clean combustion. 35% efficiency and 70% fuel saving compared to conventional stove. Burning rate is 4.5kg/hr. Flame combustion is equivalent to LPG stove.	Any type of agro waste can be used as a fuel after size reduction  Intended for commercial sector and mid day meal cooking.	Developed by FEAST, founded Prof Mukunda, Retired Professor, IISc.  TIDE will do field testing and demonstrate acceptance
3	Brick chimney	Uses 6 inch by 6 inch by 4 inch bricks along with mud, cement and lime powder to make chimney		To replace cement pipes as chimneys, where they are not available
4	LPG burner in the PYRO stove for fuel efficiency	30% fuel saving	Uses LPG as fuel	



## Facilitating fuel supply chains in villages

According to the Biomass Resource Atlas ([www.cseindia.org/Agenda2010/.../Biomass%20Resourse%20Atlas.pdf](http://www.cseindia.org/Agenda2010/.../Biomass%20Resourse%20Atlas.pdf)) produced by Centre for Science and Environment, surplus biomass that can be collected agro waste is alone about 145 million tonnes per annum. Data also shows that there are about 40 different types of agro residues available in large quantities.

TIDE is looking to facilitate efficient utilization of biomass while also creating rural livelihoods. We have conceptualized a strategy which would work at the first stage of biomass collection and value addition at the village level (collection, aggregation, size reduction and compaction). This would be done in parallel with pilots to demonstrate acceptance of size reduced, dry biomass in fuel efficient cook stoves.

Through this initiative, TIDE intends to develop technical and societal processes in fuel aggregation and create rural incomes by bringing non monetized bio-mass fuel into formal fuel supply chain.

Surplus  
biomass  
that can be  
collected  
agro waste  
is alone  
about  
**145**  
million  
tonnes per  
annum



Agnisakhi stove



Size reduction of fuel

About **40**  
different  
types  
of agro  
residues  
available  
in large  
quantities



## Trainings and Pan India dissemination of Sarala and Pyro stoves

TIDE has  
trained  
more than  
**2000**  
rural  
women in  
construction  
of Sarala  
stoves

Sarala cook stoves are wood burning mud stoves constructed onsite. These stoves are smokeless and fuel efficient and come at less than ₹ 1000 cost. TIDE has trained more than 2000 rural women in construction of these stoves. This initiative has multiple goals on fuel conservation, reduction of house hold pollution, and women empowerment (through the stove builders program). With near 100% acceptance of its Sarala stoves among users, validated through various studies by external parties, TIDE has developed a strategy for wider dissemination of these cook stoves to benefit users in different parts of the country. We have started doing this through Train the Trainers program for our partners and Master trainers program for women stove builders. We have also developed a 30 minute instruction video on construction of Sarala stove in Hindi and English. These will be used to supplement the trainings.

## Livelihoods created through training in sarala stove construction

Through various training programs initiated by TIDE and its partners, TIDE has trained 40 women in stove construction during the year.



Workshop on stove construction



## Dissemination of smokeless and fuel efficient cook stoves



- \* Through donations received via Give India, TIDE has facilitated construction of 50 Sarala stoves in needy homes in 7 villages (Devarahatti village, Venkatapura village, Badrapura village, Aralaguppe, Kollihatti, Kottigepalya and Golarahatti). 5 women were also trained in stove construction as part of this donation. All these home were using traditional stoves, exposing their families to the hazardous smoke and also utilizing more fuel.

Give India also supported donation of Pyro Mini stoves in villages, enabling savings on fuel, time and from smoke.

- \* A cook stove workshop was conducted by MGIRED (Mahatma Gandhi Institute for Renewable Energy) in December 2015 at Aralaguppe village and Chikka Rangapura village of Tiptur Taluk, Tumkur Districts. Apart from giving awareness, local women were trained in cook stove construction.
- \* Through our funder UNDP-GEF-SGP, Sarala stove construction training was given to their partners in a workshop conducted in Bangalore and in Lucknow.

## Initiatives in Women and Livelihoods



Initiating rural women into entrepreneurship





Women entrepreneur Fathima

## Low Carbon Technology Adoption and Dissemination through Community Led Initiatives – An UNDP-GEF-SGP program

The program's goal was 'To initiate, establish and integrate efforts at the community level into the climate change mitigation process through adoption of low carbon products'.

TIDE is very proud to have inducted 75 women into the supply chain of low carbon technologies/ products as micro entrepreneurs in Karnataka and Tamilnadu. It is notable that all of them are first time entrepreneurs. The program has benefited a community of around 11,000 through the interventions of these women. It has also facilitated income generation potential of about ₹ 2000 for each of these women.

The program adopted many novel methodologies including reaching out to communities through women trained as ambassadors for low carbon adoption, through school children, through Village Panchayats, etc.



Solar products awareness to school children



Mobile campaigns done by women entrepreneurs



Low carbon entrepreneurs - Coverage in Karnataka



## Activities at Women's Technology Park (WTP) of TIDE



Community awareness meeting  
on solar products

WTP is our hub for rural outreach, for awareness and trainings. During the year, we have conducted community meetings to get inputs on the requirements in the surrounding villages. Based on this, an awareness program was conducted on solar products, including pumps and lights.

Various new activities including value added products from ragi, mushroom cultivation, and products from areca leaf sheaths have been planned for this year.

## MANINI

Our SHG based food processing enterprise MANINI continues to flourish with new markets in Bangalore including online retail stores like BIG BASKET. A website has been created for MANINI – [www.tidemanini.com](http://www.tidemanini.com). A logo has also been created capturing the essence of MANINI.

For the year 2016-17, plans are underway to ensure productions for about 20 days a month, new product line including drum stick leaves, and PAN INDIA markets.



We are also working with partners across India through support from Department of Science and Technology, Government of India to set up drying enterprises at various locations.



## Support to women solar entrepreneurs at Gubbi



Training in battery replacement

As a follow up to our work under the UNDP-GEF-SGP program with women entrepreneurs, TIDE has floated a program with CSR support to assist and grow the business of the solar women entrepreneurs in Gubbi by giving them technical, capacity building and marketing support. As part of this initiative, we have given training to the women on maintenance and first level repairs of solar lights.

During the coming year, TIDE is providing support to the women to set up an ECO STORE to run their business, through a CSR program.

## Vidyut Rakshaka

Our goal was to demonstrate savings in electricity consumption for this pilot group

TIDE is currently running a citizen led demand side management (DSM) program called 'Vidyut Rakshaka' in association with World Resource Institute (WRI, wri-india.org). Through this program, we give customized recommendations to participants on reducing their electricity consumption based on their current consumption and behavioural practices. In phase I, we are covering Malleswaram and Rainbow Drive Layout at Sarjapura, Bangalore. Our goal was to demonstrate savings in electricity consumption for this pilot group. We have trained and used youth to do the consumption assessments and call them STEWARDS.

We have carried out baseline analysis of about 500 household participants through this program and given customized report to each participant. Based on their BHK, per-capita consumption and neighbourhood average, participants are characterized as Energy Savers, Energy Champions and Future Energy Champions. Each participant was then given a customized report based on his/her consumption pattern and advised to reduce consumption in areas where their consumption exceeded the average or had scope to come down. The baseline analysis of these 500 household



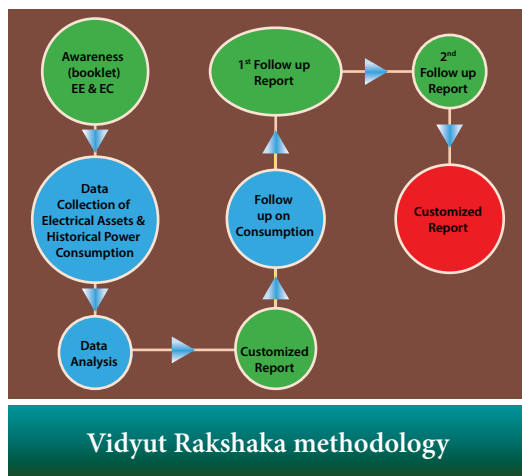
# Glimpses of our work

participants showed potential to save about 17% electricity through practical recommendations with nil or low cost investments.

Six months later, we find that **252 out of 448 households (for which reliable data is available) have saved 16.4% in electricity consumption.** The participants have been categorized as Consistent Savers, Spenders to Savers, Savers to Spenders, Consistent Spenders and Inconsistent behaviour.

Interestingly about 10% of the total participants had increased their consumption in the previous two years (2013 and 2014), but had decreased their consumption in the VR year of 2015, since receiving our reports.

The methodology followed in Vidyut Rakshaka is shown in below.



Steward doing assessment

During this year, we are looking at the following activities to achieve our objective to demonstrate voluntary demand side reduction of electricity consumption:

- \* Scale VidyutRakshaka in Bangalore through new partnerships for collection of baseline data
- \* Develop methods to automate analyses and provide web/app based reports
- \* Make the feedback loop more efficient by capturing and incorporating socio economic factors

- \* Connect consumers to rest of the eco system including utility service providers and product suppliers

**For more info please visit**

[http://www.tide-india.org/vidyut\\_rakshaka.html](http://www.tide-india.org/vidyut_rakshaka.html)

<https://www.facebook.com/vidyutrakshaka>

[https://twitter.com/vidyut\\_rakshaka](https://twitter.com/vidyut_rakshaka)



## 1

**Ms. Yasodha****Evolution of a successful business woman from a small time business woman****HIGHLIGHT**

**Yasodha with Woman Entrepreneur award**

**M**s. Yasodha was already an entrepreneur making and selling value added Ragi products. With TIDE's support through other projects, she has built a steady and stable market for these products and has been featured in local newspapers for her success. TIDE encouraged her to get involved in marketing of low carbon products as an extension/diversion of her existing work. She found immediate and tremendous response with her existing customers themselves and has done exceedingly well due to this. She is proud of this latest feather in her cap, proving her ability to bring in more money while also contributing to an environmental cause.

She has reached out to more than 5000 people (through exhibitions, weekly markets) with the message of Energy conservation and low

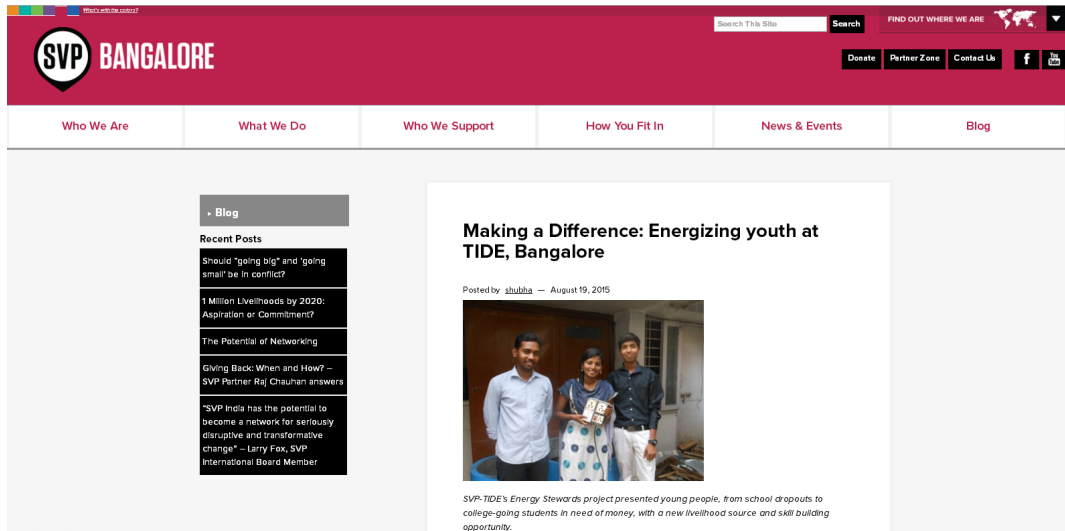
carbon products and achieved sales of more than 50 solar products. Supplementing her primary activity in sale of Ragi products, she is earning commissions of about ₹ 2500 per month through sale of solar products.

She has won 'Successful Woman Entrepreneur' award in Krishi mela conducted at University of Agricultural Sciences (UAS) in November 2014 owing to her success in both the businesses of Ragi products and Low carbon products.



## 2

**Read about a case study on Stewards trained by TIDE to do walk through energy assessments, published by Social Venture Partners (SV) Bangalore.**



<http://www.socialventurepartners.org/bangalore/2015/08/19/making-a-difference-energizing-youth-at-tide-bangalore/>

## 3

**Conversation of LPG to Fuel efficient Improved PYRO stoves**

**H**otel Inimai is a well known hotel and catering service in Aruppukottai in Virudhunagar district in the state of Tamil Nadu. The owner Mr Kannan runs 3 hotels and 3 tea shops in the city and undertakes catering orders also. All the food items are cooked in one common kitchen.



## Pre PYRO intervention:



Hotel INIMAI Case Study – Pre Pyro Stove

LPG was being used for cooking. The kitchen was functioning for 16 hours per day throughout the year with minimum holidays of 5 days per year to meet the demands. They were consuming 22 numbers of commercial grade 19 kg cylinders per day.

Apart from the huge cost, procurement was not easy and took lot of time and efforts by the owner.

## Post PYRO intervention

After understanding the features of PYRO stoves developed by TIDE and marketed by its partner Sustaintech Pvt Ltd, the owner installed 4 stoves to begin with. Seeing the fuel usage and the time saving, he immediately bought 8 more stoves.



Hotel INIMAI case study post PYRO stove intervention

The 12 PYRO stoves at a total cost of ₹ 3.5 lakhs have replaced the 12 LPG cylinders that were consumed DAILY. Thus the hotel has cut down on usage of 10 cylinders per day or 300 per month resulting in a saving of Rs 3.6 lakhs per month (after considering fuel costs for PYRO stoves). He has already recovered the capital investment in a month and having a saving of Rs 3.6 lakhs month on month.

This case has become a motivator for fellow hotel owners to use fuel efficient PYRO stoves.



TIDE was invited for many events during the year as an expert in cook stoves, women and livelihood, technology based livelihoods, energy conservation, etc. Following are some of the major events TIDE was invited to and participated in:

- \* TIDE Secretary Ms. Svati Bhogle was invited as a resource person from India in the SAARC workshop “ENERGY BASED LIVELIHOODS CONTRIBUTING TO ECONOMIC EMPOWERMENT OF THE MARGINALIZED SECTORS AND WOMEN IN THE SAARC REGION” on 1-2 December 2015.
- \* TIDE Secretary Ms. Svati Bhogle visited BONN in Germany as a delegate of UN Women.
- \* TIDE Secretary Ms. Svati Bhogle was invited to Myanmar for assessing field situation for cook stove interventions as part of ENERGIA program.
- \* TIDE was invited to participate in a British Council Roundtable on SOCIAL ENTERPRISE POLICY FRAMEWORK IN INDIA; Ms. K Sumathy, Executive Director represented TIDE.
- \* Ms. Sumathy Executive Director participated in the round table on New Climate Economy round table in Connect KARO conference organized by World Resource Institute (WRI), in New Delhi on 7<sup>th</sup> April 2016 and spoke about our VidyutRakshaka program.
- \* TIDE resource person Ms. Pramila Perdoor conducted training program for SHG women on Micro enterprise based on technology based livelihood options at FRLHT, Bangalore.
- \* TIDE resource person Ms Pramila Perdoor conducted awareness and training on Sarala stoves and Improved Cook Stoves to Gram Panchayat representatives and officers at MGIRED.
- \* TIDE participated in the Hasiru Habba organized by Hasiru dala in Freedom Park, Bangalore in June 2015 to demonstrate fuel efficient, smokeless cook stoves for the benefit of the rag pickers’ families.
- \* TIDE organized and participated in a regional workshop held on behalf of AIREC (Ashden India Renewable Energy Collective) in February 2016 in Bangalore



## By TIDE

[http://www.mgired.kar.nic.in/uploads/journal/volume\\_2\\_issue\\_1/paper-3.pdf](http://www.mgired.kar.nic.in/uploads/journal/volume_2_issue_1/paper-3.pdf)

<https://www.linkedin.com/pulse/harnessing-huge-pool-interns-particularly-development-sumathy-k>

<http://www.bangaloremirror.com/bangalore/others/IISc-tech-offers-non-farming-options-for-crop-hit-growers/articleshow/52115531.cms>

<http://www.vijaykarnatakaepaper.com/Details.aspx?id=11310&boxid=135825984>

<http://www.thesmetimes.com/index.php/extras/latest-news/2489-finalists-for-the-india-ngo-awards-2014-%E2%80%93-15-announced.html>

<http://www.socialventurepartners.org/bangalore/2015/08/19/making-a-difference-energizing-youth-at-tide-bangalore/>

<http://www.socialventurepartners.org/bangalore/2015/09/16/the-svp-tide-project-what-happened-next/>

<http://www.manipalfoundation.in/WomenJul2015.aspx>

## On TIDE







TIDE continues to attract talented and passionate interns and we acknowledge their contribution:

- \* Mr Ravichandran from Azim Premji Institute of Development Studies, Bangalore
- \* Mr Atinderpal Sodhi from Narsee Monji Institute of Management Studies (NMIMS), Bangalore
- \* Ms Sakshi Makhariya from Lady Sriram College, New Delhi

Also read about TIDE's views in engaging with interns in Linked in here:

<https://www.linkedin.com/pulse/harnessing-huge-pool-interns-particularly-development-sumathy-k>



**TECHNOLOGY INFORMATICS DESIGN ENDEAVOUR,**  
**No.19, 9<sup>th</sup> Cross, 6<sup>th</sup> Main, Malleshwaram, Bangalore – 560003**

Complete report is available at [www.tide-india.org](http://www.tide-india.org)

**RECEIPTS AND PAYMENTS ACCOUNT**

Particulars	Schedule	For The Period Ended 31 <sup>st</sup> March 2016	
		In Rupees	In Rupees
<b>Receipts</b>			
<b>Opening Balance</b>			
Cash on Hand	9	28,434	
Cash at Bank	9	1,688,387	1,716,821
<b>Project Receipts</b>			
Grant - Specific Projects/Programmes	11	4,496,604	
Other Activities/Reimbursements/	11	160,199	
Donations	11	1,727,600	6,384,403
<b>Award</b>			
NGO Resource Alliance Award	1		300,000
Overhead Recovery/Receipt - Per Contra	11		289,806
Usage of Facilities Recovery/ Receipt - Per Contra	11		32,500
<b>Interest Received</b>			
Bank interest - TIDE		48,900	
Interest on I.T refund		1,322	50,222
<b>Recoveries</b>			
<b>Travel/Project Advance Recovery</b>			
Staff		201,545	
Entrepreneurs/others		612,830	814,375





Particulars	Schedule	For The Period Ended 31 <sup>st</sup> March 2016	
		In Rupees	In Rupees
<b>Salary Deductions - Recovery</b>			
Professional Tax		16,800	
Provident Fund (employee contribution)		428,628	
SWF Loan		89,750	535,178
<b>Other Recoveries</b>			
TDS Recovery (Consultants/Contractors)			204,392
<b>Other Receipts/Refunds</b>			
Interest Receivable on F.D (Receipt)			21,179
Fixed Deposit - Withdrawal			2,000,000
I.T - TDS (Refund from I.T Dept) (excluding interest on IT Refund)			13,908
<b>Other Misc Income</b>			
Income from Brick Kiln - NRDC		7,500	
Income from Activity by TIDE (AIREC project)		170,000	
Income - Give Foundation - General Fund/ iGive programme		251,962	
Income from GIZ on stove survey		49,275	
Income from FRLHT - Oreintation Programme		5,000	
Income on Demo & Capacity Building on stoves		3,500	
Other Incomes		5,177	492,414
Entrepreneur Development Fund (Receipts)			60,343
Staff Welfare Fund (Receipts)			248,725
<b>Total</b>			<b>13,164,264</b>





Particulars	Schedule	For The Period Ended 31 <sup>st</sup> March 2016	
		In Rupees	In Rupees
<b>PAYMENTS</b>			
<b>Project Expenditure</b>			
Specific Projects/Programmes	11	4,238,258	
Other Activities & Reimbursements	11	129,027	
Donation related expences	11	797,274	5,164,559
<b>Secretariat Expenditure</b>	12		1,114,239
<b>Travel / Project Advance</b>			
Staff		201,545	
Entrepreneurs/Others		588,358	789,903
<b>Deposits</b>			
Fixed Deposit			1,900,000
<b>Salary Deductions - Remittance</b>			
Professional Tax		16,800	
Provident Fund (Employee Contribution)		428,628	
SWF Loan		89,750	535,178
<b>Other Remittance</b>			
T D S (Consultants/Contractors)			204,392
TDS - Grantors/Bank			207,754
Entrepreneur Development Fund			7,570
Staff Welfare Fund (Payments)			252,088
<b>Other Payments/Debits</b>			
Interest Receivable on FD			18,897
<b>Closing Balance</b>			
Cash on Hand	9	33,544	
Cash at Bank	9	2,936,140	2,969,684
<b>Total</b>			13,164,264



BANGALORE  
06.08.2016

N.V. Krishna  
Chairman

For Technology Informatics Design Endeavour

Svati Bhogle  
Secretary



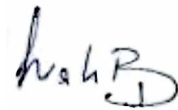
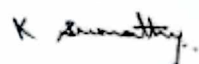
K. Sumathy  
Executive Director



TECHNOLOGY INFORMATICS DESIGN ENDEAVOUR, No.19, 9 <sup>th</sup> Cross, 6 <sup>th</sup> Main, Malleshwaram, Bangalore – 560003			
INCOME AND EXPENDITURE ACCOUNT			
Particulars	Schedule No.	For The Period Ended 31 <sup>st</sup> March 2016	
		In Rupees	In Rupees
<b>Income</b>			
(A) Project grants	11	4,590,102	5,067,728
Add: Interest earned on project grants		66,701	125,381
Unspent balance b/f from previous year		(17,367)	994,291
Less: Balance grants receivable		253,104	17,367
		4,386,332	
(B) Donations received	11	1,727,600	685,499
Add: Unspent balance b/f from previous year		598,266	
Less: unspent balance at the end of the year		1,533,325	(598,266)
		792,541	
(C) Other income			
Overhead recovery	11	289,806	339,859
Usage of Tide facilities	11	32,500	122,500
Interest received		50,222	122,195
Miscellaneous income		492,414	48,926
<b>Total Income (A)</b>		<b>6,043,841</b>	<b>6,925,481</b>





Particulars	Schedule No.	For The Period Ended 31 <sup>st</sup> March 2016	
		In Rupees	In Rupees
<b>Expenditure</b>			
(A) Project expenses during the year	11	4,367,285	5,939,977
(B) Donation related expenses	11	797,274	117,441
(C) Administration expenses			
TIDE programs		-	6,100
Secretariat expenditure	12	1,114,239	882,825
Depreciation	5	77,687	88,223
Miscellaneous expenses		-	26,650
<b>Total Expenditure (B)</b>		6,356,485	7,061,216
Excess of expenditure over Income for the year carried to Balance sheet	C=(A-B)	(312,671)	(135,735)
<p>Refer our Report of Even Date For MSSV &amp; Co. Chartered Accountants FRN 0019875</p> <p style="text-align: right;"><b>For Technology Informatics Design Endeavour</b></p> <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">   Ravi Prasad Partner M No.203414 </div> <div style="text-align: center;">   N.V. Krishna Chairman </div> <div style="text-align: center;">   Svati Bhogle Secretary </div> <div style="text-align: center;">   K. Sumathy Executive Director </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div>Place: Bengaluru Date: 06.08.2016</div> <div>Place: Bengaluru Date: 06.08.2016</div> </div>			



**TECHNOLOGY INFORMATICS DESIGN ENDEAVOUR,**  
**No.19, 9<sup>th</sup> Cross, 6<sup>th</sup> Main, Malleshwaram, Bangalore – 560003**

**BALANCE SHEET**

Particulars	Note No.	Asat 31 <sup>st</sup> March 2016	Asat 31 <sup>st</sup> March 2015
		In Rupees	In Rupees
<b>Source of Funds</b>			
Capital Fund	1	736,970	436,970
General Fund	2	3,546,078	3,852,839
Entrepreneur Development Fund [EDF]	3	867,804	815,032
Staff Welfare Fund [SWF]	4	593,033	582,296
<b>Total</b>		<b>5,743,885</b>	<b>5,687,137</b>
<b>Applicaton of Funds</b>			
Fixed Assets	5	972,132	1,049,820
Current Assets			
Advances & Deposits	6	194,200	218,672
Receivables	11	997,461	1,461,566
Fixed Deposit with Bank	7	3,000,000	3,100,000
Other Current Assets	8	428,006	216,432
Cash & Bank Balances	9	2,969,684	1,716,821
<b>Total (A)</b>		<b>7,589,351</b>	<b>6,713,490</b>
Less: Current Liabilities			
Sundry Creditors	10	33,708	33,708
Unspent Balances	11	2,783,890	2,042,465
<b>Total (B)</b>		<b>2,817,598</b>	<b>2,076,173</b>
<b>Net Current Assets C = (A-B)</b>		<b>4,771,752</b>	<b>4,637,318</b>
<b>Total</b>		<b>5,743,885</b>	<b>5,687,137</b>

Refer our R expenditure report of Even Date

For MSSV & Co.

For Technology Informatics Design Endeavour

Chartered Accountants

FRN 0019875

Ravi Prasad

Partner

M No.203414

N.V. Krishna

Chairman

Svati Bhogle

Secretary

K. Sumathy

Executive Director

Place: Bengaluru

Date: 06.08.2016

Place: Bengaluru

Date: 06.08.2016



No	Name	With TIDE since	Roles
1	Ayushya Khanna	Feb-16	Leads Energy services team
2	Balaji Rao G.	May-15	Implementor for Energy and Water services program
3	Chandranna K.	Feb-98	Man Friday at TIDE
4	Jayaraman S.	Mar-94	In charge of Finance and accounts
5	Kavitha T. K.	Jan-16	Care taker at Women's Technology Park (WTP)
6	Leela M.	Jun-13	Finance and Accounts
7	Manjunath H. C.	May-01	Field In charge
8	Neeraj Raani	Jun-16	All India cook stove dissemination
9	Pramila S Poojari	Jan-11	In charge of Women and Livelihoods programs, and sarala stoves Trainings
10	Raja K.	Jan-95	Implementor for Energy and Water services program
11	Sumathy K.	Jan-11	Strategy and fund raising, Internal monitoring of TIDE projects, Mentor for Energy and Water services
12	Svati Bhogle	Apr-99	Technical advisor on projects, Incharge of project generation, Mentor for cookstoves
13	Vanaja S.	Dec-05	In charge of HR and Admin
14	Velusamy S.	Nov-10	Leads stove designs



No	Name	Role in TIDE Management Team CoM - Council of Management; GB - General Body	Role in other organizations, if any
1	Dinesh Kagathi	GB Member	Chief Executive Officer, Green Peace, Bangalore.
2	Hari Natarajan	CoM and GB Member	Independent consultant
3	Hoysala N. Chanakya	GB Member	Scientist, C.S.T, I.I.Sc, Bangalore
4	Jayachandra A. N.	CoM and GB Member	Senior Administrative Officer, JNCASR
5	Krishna N. V.	Chairman	Director, Sustaintech Pvt Ltd
6	Madan Rao	GB Member	Professor, Raman Research Institute
7	Rajagopalan S.	Founder, Permanent Invitee to CoM, GB Member	Professor, IIIT Bangalore
8	Sampath Kumar N.	GB Member	Director, TIDE Technocrats Pvt. Ltd., Bangalore
9	Shailaja R	CoM and GB Member	Regional Director, CEE-South
10	Sharachchandra Lele	GB Member	Senior Fellow and Convenor, Centre for Environment and Development, Ashoka Trust for Research in Ecology and the Environment (ATREE)
11	Sujatha Byravan	GB Member	Scientist, C.D.F, Institute of Financial Management and Research, Chennai.
12	Svati Bhogle	Secretary	MD , Sustaintech Pvt Ltd
13	Vinod Vyasulu	GB Member	Ex Director, CBPS, Centre for Budget and Policy Studies, Bangalore
14	Vishwanath S	GB Member	Director, Biome Solutions; Patron - Rainwaterclub.org



## Testimonials

### What people say about TIDE?

The TIDE team is extremely entrepreneurial and a pleasure to work with. They have a dogged persistence in going after goals and achieving them which sets them apart from a lot of other organizations in this sector.

*Dr Jogin Desai, Lead Partner, Social Venture Partners (SVP), Bangalore chapter*

...We appreciate the detailed and exhaustive Notes to Accounts in your audit report. It gives the viewer a better insight into the organization's functioning and explains the reasoning behind some of the numbers appearing in the financial statements...

*Ms. Gopi Venkatraman, Credibility Assurance Team, Give India*

### About our Citizen led electricity management initiative Vidyut Rakshaka

1. The format developed for analyzing existing consumption level and pattern is simple and effective for taking corrective action.
2. The follow-up action is backed by immediate response.
3. We are very happy with response of the staff of 'Tide' to our observations.

*Extract of feedback given by Mr. Ramprasad, Resident of Malleswaram*

...I think (Vidyut Rakshaka) it is very relevant. I was in fact telling my friends and relatives in Kolkata that I have not heard of any such initiatives anywhere else...

*Ms. Enakshi Ghosh, Resident of RBD Layout, Bangalore*

*Extract of feedback from Mr. Gareth Westler who interned at TIDE for 6 months from Acara Institute, University of Minnesota, USA:*

...TIDE is a very well run and efficient NGO and I felt as if I was able to have a significant impact on the project I helped with (Manini dried foods). My time as an intern with TIDE is always the first experience I cite in job interviews because of how hands-on and involved I was able to be in the project. I would highly recommend TIDE as an organization with which to intern...

## TIDE

19, 9<sup>th</sup> Cross, 6<sup>th</sup> Main, Malleswaram, Bangalore – 560 003.

Phone : 91-80-2331 5656

Fax : +91 80 23344555

E mail : tide@vsnl.com, info@tide-india.org

Web site : www.tide-india.org

Facebook : <https://www.facebook.com/pages/Technology-Informatics-DesignEndeavour/108424802574316>

Linked in : <https://www.linkedin.com/company/technology-informatics-design-endeavour-tide->