



Annual Report

2010-2011

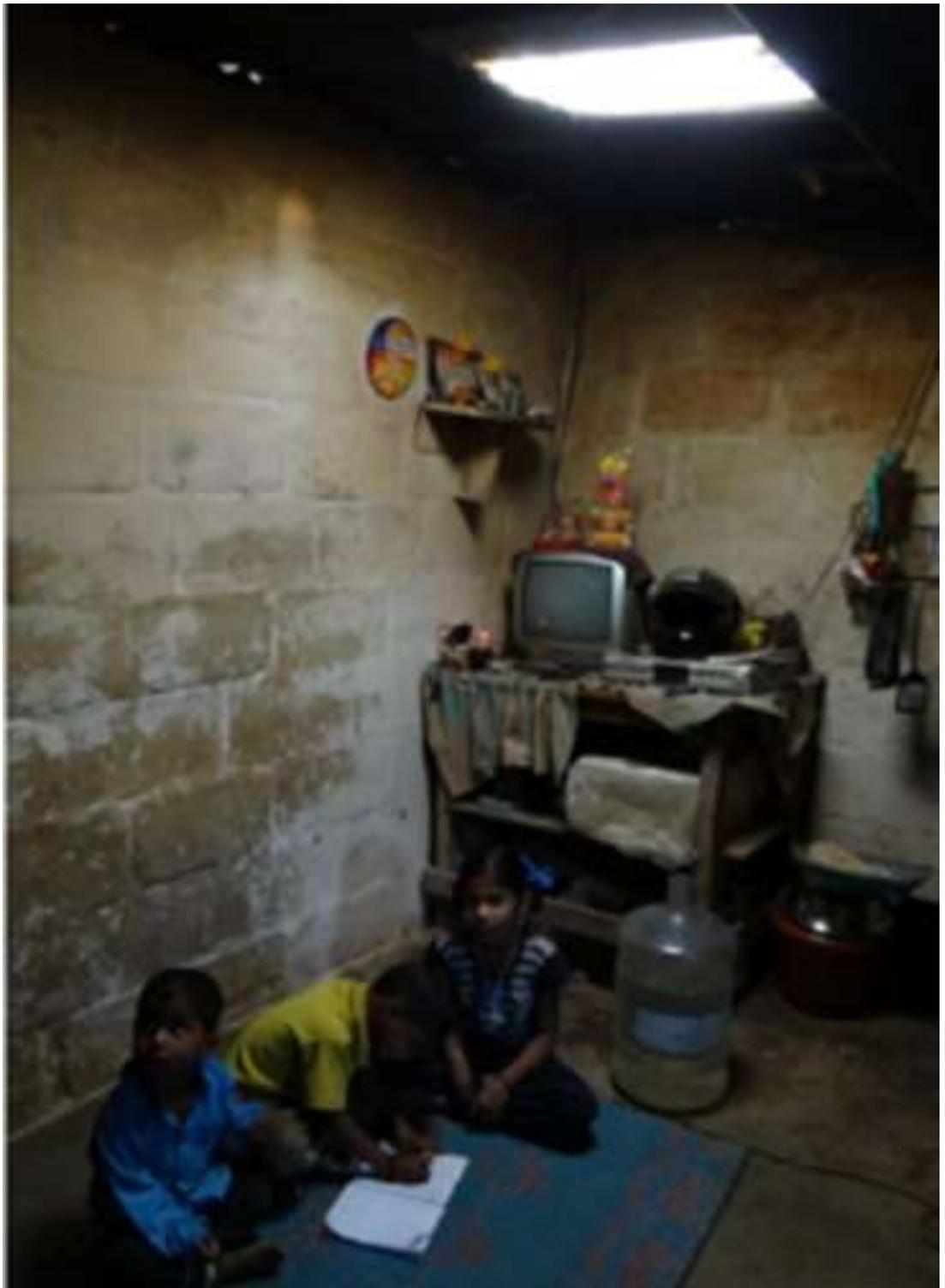
To achieve our objectives, we have been energetically working since our inception to make a strong initial impact, especially on poor, rural households. The activities and efforts carried out are outlined in this report.

SELCO Foundation

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Behind ISRO Layout, Bikasipura,
Bangalore 560078

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"2010 was a remarkable year of development and learning. SELCO Foundation was born with energy and established a strong presence through its projects"

“SELCO Foundation was established to better utilize philanthropic capital for the advancement of underserved communities everywhere, and the improvement of the clean energy sector”

About

SELCO Foundation, with its registered office at No.31, “Hongirana”, Bikasipura, Bangalore 560078, was created on 5th October 2010. The founding trustee details are given below:

Name	Address	Educational Qual.	Details of Occupation
Ms. P. Vasanthi	No.31 “Honigara”, Bikasipura, Bangalore 560078	M.A., B Ed	Retired Lecturer
Ms. Shuba Sridhar	K-5/3, 10 th Cross, RMV Extn, Bangalore 560080	B Tech	IT Manager

The trust was registered with the sub registrar office Banashankari on 05-10-2010.

Purpose

The key objectives (among others) of the SELCO Foundation are:

- a) To achieve rural development, and conservation of environment by sustainable use of renewable energy devices and achieving preservation of environment
- b) To support poor and needy people to install sustainable energy equipment for their domestic or income generating activities.
- c) To conduct research and outreach projects in sustainable energy services, power conservation, absorption, consumption of renewable energy and to develop modern equipment to capture renewable energy in more efficient and effective manner and usage of sustainable energies for a longer period with minimum wastage.

Annual Activity Report 2010-2011

Demonstration programs on renewable energy

SELCO Foundation plans to carry out demonstration programs at various locations in Karnataka to educate people about solar energy and the benefits it brings to health and education.

The first such demonstration was carried out in Alevoor, Udupi on Nov 4 th 2010. In this demo, the teachers of Jawaharlal Nehru High School , Alevoor were requested to identify poor houses of students studying in their high school where power supply is not available as of now and provide the list of such houses to local service provider. After consultation with this school and initial meetings, an awareness cum demonstration program was conducted at Jawharlal Nehru High School. The program conducted in association with Udupi Rotary Club and Nehru School Authority. More than 150 students along with teachers and parents were presented in the program. The program explained about Solar Energy, financing options for solar systems, benefits of these systems, etc. A demonstration of solar lighting was provided here.

Solar systems usually replace kerosene lamps, and thus offer advantages of greenhouse gas mitigation. In addition to CO2 displacement, decentralized photovoltaic (PV) systems offer many environmental advantages relative to the energy sources they commonly replace in rural emission homes (such as kerosene lamps, dry cell batteries, and car batteries charged from a grid or generator).

Replacing kerosene lamps with solar-powered lights mitigates the risks and health problems associated with storing and using kerosene. In surveys conducted by India's Tata Energy Research Institute, people reported eye irritation, coughing, and nasal problems associated with the use of kerosene lamps. In addition to emitting pollutants with known respiratory impacts (such as carbon monoxide, nitrogen oxide, and hydrocarbons), kerosene lamps are a fire hazard. Furthermore, a substantial number of children reportedly die of accidental kerosene poisoning every year. Solar electric systems often displace dry cell batteries that are used to power radios, cassette players, and flashlights. Since rural areas generally lack programs for solid waste management, the incineration or disposal of used dry cells in open dumps or as litter can contaminate soil and water sources with toxins, including mercury.

Not only are PVs environmentally superior to kerosene and dry cells, they also have advantages over other electricity supply options. PV modules generate electricity without emitting local air pollution or acid rain precursor gases, water pollution, or noise. The modules



A woman in a rural village participates in a solar energy demonstration.



A group of girls becomes familiar with the Light for Education program taking place at their school.

are typically roof-mounted or require very little ground space, so PV-based rural electrification also avoids the disruptive land use impacts associated with power lines and some methods of electricity generation (such as large-scale hydropower).

Since stand-alone PV systems provide electricity without power lines, their use in protected forest areas and buffer zones can be particularly valuable for ecosystem preservation. Power-line corridors can open access for the development of forested areas, change the diversity of species within ecosystems, and cause ecosystem fragmentation. Furthermore, power-line construction and maintenance activities themselves can be quite disruptive.

In many developing countries, migration from rural to urban areas is creating tremendous social and ecological problems. People move to the city for jobs and to gain access to electricity and other modern amenities. But urban infrastructure often has not kept pace with population growth. While it is unlikely that electricity alone will stem the tide of rural to urban migration, it is possible that solar electrification in rural areas can help by improving the quality of life there.

Light for Education – Solar Study Lamps to poor students

SELCO Foundation has conceptualized and promoted the “Light For Education” program, which provides solar powered study lights to high school students from unelectrified areas. These lights can be charged in the school itself through solar charging stations, thereby promoting better attendance among students. The SELCO Foundation has been active in identifying schools which can benefit from the program, as well as donors who can sponsor this program.

The first such program was executed at the Viveka School in HD Kote district of Karnataka. Viveka tribal school is located in the Hosahalli Hadi of H.D.Kote taluk in Mysore. This semi-residential school for the Tribals, started in 1988, has more than 400 tribal children (most of them first generation school goers) studying from Classes 1 to 10. The school provides free education for tribal students in addition to free clothes, books, uniforms and food. This school was founded by Dr. R. Balasubramaniam and managed by “Swami Vivekananda Youth Movement”. Due to lack of reliable power supply, students are facing problems to study at night. Unhealthy Kerosene lamps and candles are used to study at night which provides dim light.

To address this problem SELCO Foundation has implemented an Innovative project named “Light for Education” to provide bright and safe study lights for students powered by Solar



One of the several owners of a rural household lighting system learns to handle his product.

energy. Mr. Arjun Menda Founder of Menda Charitable Trust, Bangalore sponsored 80 Study lamps for the high school students of this school. The program was also supported by Technology Alumni Association (TAA), the alumni members of the Indian Institute of Technology, Kharagpur. The inauguration was done on 20 th Feb 2011.

By March-end 2011, one more school namely Shree Bharathi Gurukula, Hosanagara, Karnataka was identified as a recipient of the Light for Education program. This school is run under the auspices of the Ramachandrapura Mutt in Hosanagara, Shimoga district. The aim of this institution is to preserve the cultural heritage of India by reviving the Gurukula system of education. It is located amidst scenic surroundings, so that the students experience the beauty of nature while studying. Apart from studies, the institution promotes several valuable concepts such as preservation of ancient palm leaf manuscripts, rearing of native cattle strains that are fast diminishing, etc. The gurukula is completely residential, with separate facilities for boys and girls. Around 85 students were identified as recipients of the solar study lights. The program was implemented in March 2011, and inaugurated by the honorable seer of Shree Ramachandrapura Mutt, on the 12th of April 2011.

Solar system self-help program for remote houses

Some of the remote rural households have invested in solar lighting and water heating systems. But due to their location, they find it difficult to get service personnel to their homes for routine service and maintenance. It is observed that the system stops working for very simple reasons (fuse gone, cable loose contact, battery distilled water evaporation, collector dust accumulation, etc.). This can easily be repaired by the house owner themselves, with little guidance from an expert.

Towards this, SELCO Foundation conducted a self-help program for 5 house owners from remote areas in Mangalore district, in December 2010. In this program, an expert solar technician, Mr. Sridhar Rao explained to the house owners about the working of solar lighting system and gave them simple trouble shooting tips. With this guidance, they are now able to take care of their systems on their own.

Since our inception in October 2010, we have been steadily working towards achieving the goals set out in our charter. The programs described above represent a small start towards the larger goal. These programs, as well as others, will be built upon in the FY 2011-12, to bring bigger and better impact to society.

Financial Summary

The Foundation's financial organization portrays its first accomplishment as an organization and its focus for the future. The financial results depicted below are derived from SELCO Foundation audited and consolidated financial statements.

SELCO Foundation
31, "Hongirana", Bikasipura, Bangalore 560078
INCOME & EXPENDITURE ACCOUNT FOR THE PERIOD 5TH
OCTOBER 2010 TO 31ST MARCH, 2011

PARTICULARS	Schl	31/3/2011
INCOME		
Donations		392,000.00
Interest on SB Account		1,559.24
Total Income		393,559.24
EXPENDITURE		
Project Cost		323,500.00
Administration Costs	3	64,064.00
Total Expenditure		387,564.00
Surplus		5,995.24
Provision for Taxation		-
Surplus (Carried to Balance Sheet)		5,995.24
Significant Accounting Policies & Notes to Accounts	4	

SCHEDULES 1 TO 4 FORMS AN INTEGRAL PART OF THESE FINANCIAL STATEMENTS

For SELCO FOUNDATION

P. Vasanth
Trustee

Place : Bangalore
Date : 10.05.2011

Ramesh Ashwin
Trustee

As per Our report of even date
For Ramesh Ashwin & Karanth
Chartered Accountants

Prashanth Karanth
Partner

M No. 214235
F.R No. 010680S



SELCO Foundation
31, "Hongirana", Bikasipura, Bangalore 560078

BALANCE SHEET AS AT 31ST MARCH, 2011

PARTICULARS	Schedule	31/03/2011
<u>FUNDS AND LIABILITIES</u>		
Trust Funds or Corpus		-
Contribution received during the year		-
Secured Loans		-
Income and Exp. Account		5,995.24
Surplus carried from Income & Exp. A/c		5,995.24
Total Liabilities		5,995.24
<u>PROPERTY & ASSETS</u>		
Fixed Assets		
Gross Block		-
Less: Depreciation		-
Net Block		-
Investments		
		-
Current Assets, Loans & Advances		
Cash and Bank Balance	2	56,711.24
Less Current Liabilities & Provisions	1	
Outstanding Expenses	a)	50,716.00
Provisions	b)	
Net Current Assets		5,995.24
Total Assets		5,995.24

SCHEDULES 1 TO 4 FORMS AN INTEGRAL PART OF THESE FINANCIAL STATEMENTS

For SELCO FOUNDATION

Trustee

Place : Bangalore
Date : 10.05.2011

R. Vasanthi
Trustee

Prashanth Karanth
Trustee

As per Our report of even date
For Ramesh Ashwin & Karanth
Chartered Accountants

Prashanth Karanth
Partner
M No. 214235
F.R No. 0106805



SELCO Foundation
31, "Hongirana", Bikasipura, Bangalore 560078

Schedules forming part of the accounts

Particulars	Current year 2010-11
Schedule 1	
Current Liabilities	
a). Provisions	
Outstanding Expenses	
Tours & Travelling	4,621.00
Hotel Boarding and Lodging	1,870.00
Audit fees	5,515.00
Salaries	38,710.00
	<u>50,716.00</u>
b). Provision for Taxation	
Income Tax	-
	<u>-</u>
Schedule 2	
Current Asset	
3.Cash and Bank Balance	
Cash on Hand	3,652.00
Bank Balance	53,059.24
	<u>56,711.24</u>
Schedule 3	
Administrative Expenses:	
Audit fees	5,515.00
Legal Charges	12,000.00
Documentation charges	340.00
office Maintenance	90.00
Printing & Stationery	918.00
Travel, Boarding costs	6,491.00
Salaries	38,710.00
	<u>64,064.00</u>

P Vasanth

Shuba Sathyanarayana



Contact Information

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Company Information

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