



Annual Report 2012-2013



SHARING MY THOUGHTS

MANAGING TRUSTEE

SANCHAITA GAJAPATI RAJU

Since its inception on the 6th of June 2011, SANA has done some path breaking, and innovative work in the drinking water space for the marginalized and underprivileged members of our society and has concentrated on providing an integrated solution addressing drinking water, sanitation and basic hygiene in both rural and urban India. We have been growing organically but surely!

We are happy to announce that Social Awareness, Newer Alternatives (SANA) is now a Registered Public Charitable Trust u/s 12A read with section 12AA of the 'Income Tax Act, 1961' vide Order No. DIT(E) DEL-SR22294-22082012 Dated 22/08/2012 and all donations are exempted u/s 80G vide Order No. DIT(E) DEL-SR22294-22082012 dated 22/08/2012.

WHY WATER

Statistics taken from World Health Organization state :

1 in 6 people in the world do not have access to safe drinking water.

Some 6000 children in India die every day from disease associated with lack of access to safe drinking water, inadequate sanitation and poor hygiene

The average distance that women walk to collect water in India in

villages is almost 6 kms.

Tens of millions of children cannot go to school, as they must fetch water every day.

Water borne diseases cost the Indian economy 73 million working days per year.

If we did nothing other than provide access to clean water, without any other medical intervention, we could save 2 million lives a year.

The most startling figure is that the water we drink today is the same water the dinosaurs drank—there is no new water. So both conservation and access are equally important.

SANA has therefore this year been active in space and I am happy to share our accomplishments with you that gives me and our other Trustees great satisfaction. We realize this is only a modest first step, but we are moving in the right direction to greater success.

ACHIEVEMENTS & MILESTONES-THE JOURNEY SO FAR

In 2012 SANA made a presentation to the Hon'ble CM of Delhi, Smt Sheila Dikshit to set up a solar powered water station to convert water from an unused bore well to WHO standard drinking water for students of RPVV School in East Delhi.

The model we presented was a PPP- where SANA would donate, free of cost, the technology, solar panels and water station and the Govt of Delhi would give access to the school and build the necessary limited infrastructure.

SANA identified a technology partner that had developed a cutting edge micro ionizing and RO process with a compact portable water station, ideal for the location we had selected, powered by Solar Panels.

The Delhi Government identified the RPVV School in Surajmal Vihar, East Delhi where we could set up our water purifying plant. The RPVV School in Surajmal Vihar has over 1000 students who are among the best and the brightest but from economically

challenged families- who live near by and have no access to clean drinking water. Even the school has had to get drinking water for its students by tankers supplied by the DJB.

SANA recycled an existing but unused and defunct bore well and used it as the source. After the purification process of treating the wastewater – we are now producing over 1.8 million liters of WHO standard potable water. Each student is given a 5-liter jerry can and they take home daily, 5 liters of drinking water for their families.

SANA conducted workshops to familiarize the teaching staff and senior students in the maintenance of the water station and hygiene classes were imparted on the washing of the jerry cans. SANA created a sustainable model by ensuring the stakeholders were involved in the upkeep and maintenance of the water station.

This unique solar powered water purifying station was inaugurated by Hon'ble CM Shiela Dikshit on the 1st of September 2012 in presence of the Union HRD Minister Pallam Raju, East Delhi MP, Sandeep Dikshit and former Panchayati Raj Minister Mani Shanker Aiyer.

The water station has been running successfully and has also ensured that the attendance of the female students in the school has improved.

I am also pleased to inform that we completed the project well within the time schedule. This has given us immense satisfaction as there was a lot of co-ordination to be done between various decision making bodies in the Delhi government and the local school.

The unique initiative by SANA was widely covered in the press and we got commendation from the Hon'ble CM of Delhi Sheila Dikshit as well as in the print and electronic media.



Hon'ble CM of Delhi Smt. Sheila Dikshit with Managing Trustee of SANA Sanchaita Gajapati Raju



Hon'ble MP East Delhi, Sandeep Dikshit, Fmr Panchayati Raj Minister and Rajya Sabha MP Mani Shanker Aiyer with Sanchaita Gajapati Raju



Hon'ble Union Minister MM Pallam Raju (extreme right) during inauguration

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सौर जलशोधक संयंत्र का मुख्यमंत्री ने किया उद्घाटन

बच्चे स्कूल से घर ले जा सकेंगे स्वच्छ पानी

■ राज्य ब्यूरो, नई दिल्ली

अब राजकीय प्रतिभा विकास विद्यालय के बच्चे न केवल स्कूल में विश्व स्वास्थ्य संगठन के मानकों पर आधारित पानी पियेंगे, बल्कि स्कूल से घर जाते वक्त अपने साथ स्वच्छ पानी ले कर जा सकेंगे। शनिवार को दिल्ली की मुख्यमंत्री शीला दीक्षित ने पूर्वी दिल्ली के सूरजमल विहार स्थित राजकीय प्रतिभा विकास विद्यालय में इस व्यवस्था की शुरुआत की।

इस स्कूल में अपने किस्म का पहला सौर जलशोधक संयंत्र लगाया गया है। यहां एक स्वयंसेवी संगठन सना ने यह व्यवस्था की है। संयंत्र रोजाना लगभग 500 लीटर पानी स्वच्छ करेगा। यह पानी इस स्कूल में पढ़ने वाले लगभग 750 बच्चे पियेंगे। उन्हें पांच-पांच लीटर वाली केन उपलब्ध कराई जाएगी, जिसमें भर कर यह पानी बच्चे अपने घर ले जा सकते हैं।

इस अवसर पर केंद्रीय रक्षा राज्य मंत्री पी राजू, दिल्ली की शिक्षा मंत्री किरण वालिया, सांसद संदीप दीक्षित, विधायक नसीब सिंह और गैर-सरकारी संगठन सना की मैनेजिंग ट्रस्टी सचिता



सूरजमल विहार स्थित विद्यालय में सौर जलशोधक संयंत्र का उद्घाटन करती शीला दीक्षित।

गजपति राजू उपस्थित थीं।

मुख्यमंत्री ने कहा कि इस अनूठे प्रयास से स्कूली बच्चों को डब्ल्यूएचओ के मानकों के

अनुरूप स्वच्छ पानी मिल सकेगा। अगर यह योजना सफल होती है तो इसको दूसरे राजकीय प्रतिभा विकास विद्यालय में भी लागू करेंगी।

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City gets first solar water treatment plant

TIMES NEWS NETWORK

New Delhi: Around 750 families from the economically weaker section living near east Delhi's Surajmal Vihar will soon be receiving solar treated potable water. The first water treatment plant that operates on solar technology was inaugurated at the Rajkiya Pratibha Vikas Vidyalaya on Saturday and will treat 5,000 litres of waste water daily.

The project was inaugurated by chief minister Sheila Dikshit and will be operated by NGO Social Awareness, Newer Alternatives (SANA). Dikshit said, "Waste water from nearby areas will be treated to meet World Health Organization standards using solar powered panels and micro-ionising water



Rajesh Mehta

purification processes. Over 750 school children from economically backward homes have been identified and they will each be given five litres of potable water daily for their families."

Sanchaita Gajapati Raju, the managing trustee of SANA said, "The water purification station has a huge potential for reduction of carbon emissions as it avoids boiling water using firewood or charcoal. The system will also include bottling facilities. Recyclable bottles of 20 litres and 5 litres capacity will be used. Chlorine will also be produced locally to disinfect bottles before they are refilled. The system will be owned by the school and managed by students of Classes IX to XII who have been specially trained for this project through workshops."

TOWARDS GREENER TOMORROW: Chief minister Sheila Dikshit at Pratibha Vikas School on Saturday

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First solar water purification plant opened

TRIBUNE NEWS SERVICE

NEW DELHI, SEPTEMBER 1

"Water is a fundamental human right. Managing this most precious gift of nature is imperative," said Chief Minister Sheila Dikshit while inaugurating the city's first solar water purification plant at Rajkiya Pratibha Vikas Vidyalaya, Surajmal Vihar, east Delhi, today. The plant is an initiative of NGO SANA.

Dikshit said the plant would help produce over 5,000 litres clean drinking water (meeting WHO standard) daily. Over 750 school-children from economically backward homes living near the plant will be allocated five litres potable water daily for each member of their families.

Also present on the occasion was East Delhi MP Sandeep Dikshit. Congratulating SANA for the plant, he

hoped that the step would make sure that children remained in schools and go a long way in alleviating the burden of diseases from the community.

Managing trustee of SANA Sanchaita Gajapati Raju said SANA zeroed in on this school as it would ensure that lesser privileged families and their children in the area get potable drinking.

The water purification station will pump, purify and disinfect water, thus reduce the use of firewood or charcoal for boiling water. It will also have bottling facility and equipment to produce chlorine which will be used to disinfect bottles before refilling.


The system will be owned by the school and managed by students of Class IX-XII who have been trained for the project.

M. Sanchaita Gajapati Raju
Managing Trustee,
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'Alayam', EG 2/7,
Garden Estate,
Mehrauli Gurgaon Road
Sikandarpur-122002

Delhi gets first solar water treatment plant

http://articles.timesofindia.indiatimes.com/2012-09-02/delhi/33547887_1_water-treatment-plant-waste-water-solar-technology

Around 750 families from the economically weaker section living near east Delhi's Surajmal Vihar will soon be receiving solar treated potable water. The first water treatment plant that operates on solar technology was inaugurated at the Rajkiya Pratibha Vikas Vidyalaya on Saturday and will treat 5,000 litres of wastewater daily. The project was inaugurated by chief minister Sheila Dikshit and will be operated by NGO **Social Awareness, Newer Alternatives** (SANA). Dikshit said, "Waste water from nearby areas will be treated to meet World Health Organization standards using solar powered panels and micro-ionizing water purification processes. Over 750 school children from economically backward homes have been identified and they will each be given five liters of potable water daily for their families." Sanchaita Gajapati Raju, the managing trustee of SANA said, "The water purification station has a huge potential for reduction of carbon emissions as it avoids boiling water using firewood or charcoal. The system will also include bottling facilities. Recyclable bottles of 20 liters and 5 liters capacity will be used. Chlorine will also be produced locally to disinfect bottles before they are refilled. The system will be owned by the school and managed by students of Classes IX to XII who have been specially trained for this project through workshops."

 **East Delhi's first solar water treatment plant started**
<http://in.news.yahoo.com/east-delhis-first-solar-water-treatment-plant-started-183000640.html>

Delhi chief minister Sheila Dikshit inaugurated east Delhi's first solar water purification plant at Rajkiya Pratibha Vikas Vidhyalaya, Surajmal Vihar. The treatment plant has been set up by an NGO called Social Awareness Newer Alternatives (SANA). Dikshit said that the water treatment plant will produce over 5,000 liters of drinking water daily by using solar powered panels. The technology will be able to convert brackish, contaminated water into water that's fit for consumption. Over 750 school children from economically backward areas, living in the vicinity, will be given five litres of clean portable water daily for each family member.

 **East Delhi's first solar water treatment plant started**
<http://www.hindustantimes.com/India-news/NewDelhi/East-Delhi-s-first-solar-water-treatment-plant-started/Article1-923150.aspx>

Delhi chief minister Sheila Dikshit inaugurated east Delhi's first solar water purification plant at Rajkiya Pratibha Vikas Vidhyalaya, Surajmal Vihar. The treatment plant has been set up by an NGO called **Social Awareness Newer Alternatives** (SANA). Dikshit said that the water treatment plant will produce over 5,000 litres of drinking water daily by using solar powered panels. The technology will be able to convert brackish, contaminated water into water that's fit for consumption. Over 750 school children from economically backward areas, living in the vicinity, will be given five litres of clean portable water daily for each family member.

 **17 Delhi schools to get potable water units**
<http://www.firstpost.com/fwire/17-delhi-schools-to-get-potable-water-units-439740.html>

Seventeen Delhi government schools would get solar-powered water treatment plants to provide potable water to over 750 students daily in each institution, Chief Minister Sheila Dikshit said Saturday. With treatment capacity of 5,000 litre, the plants would be put up in schools for talented poor students, said Dikshit, inaugurating a plant at an east Delhi school. "If all goes well with this plant, these systems would be installed in all 17 Rajkiya Pratibha Vikas Vidyalayas which have talented students from weaker sections," she said. The plants are being installed by NGO **Social Awareness Newer Alternatives** (SANA) in collaboration with the government. "The mechanism, which costs around Rs.25 lakh, will produce over 5,000 litres of drinking water daily of WHO standards," said Sanchaiya Gajapati Raju, managing trustee of SANA. The unit will include water bottling facility, including recyclable plastic bottles, and equipment to locally-produce chlorine that is used to disinfect bottles. The treatment plant will be owned by the school and managed by trained Class 9-12 students

For more press coverage please visit our website
www.sana.org.in

THE WAY FORWARD

It was the success of this model that allowed us to sell our vision to set up yet another COMPACT SOLAR POWERED WATER TREATMENT STATIONS IN A.P

In this case SANA identified a village, which had no access to clean drinking water and where the power supply was irregular.

SANA involved the local Panchayat- with the co-operation of the DM. We have approached the Hon'ble Union Minister MM Pallam Raju for funds for this project. We are confident that we will be able to set up this initiative by early next year.

Audited Financials – Pl see attached annexures

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