

Corporate Social Responsibility (CSR)

Social intervention programs driven by Scitech Park, Pune are based upon technology driven innovations, conceived within its Incubator "GROWTH LAB" through association with its technology start-ups, incubatees and partner organizations. These innovative products & technologies impact societal transformative actions, focused health, education, vocational training, and skill development for enhancing the livelihoods of marginalized people. Activities performed within the ambit of the proposed actions are structured to be innovation driven, inclusive and sustainable.

1. DNA based Diagnostics for Early Detection of Cervical Cancer

Scitech Park, Pune had conducted the activity of DNA based diagnostics for early detection of cervical cancer in women in association with KEM Hospital Research Centre (KEMHRC) Pune. Through this first programme of screening of 300 women from Maval and Shirur Taluka approx 2500-3000 women from Vadu Budruk in Shirur Tehsil of Pune District (about 50 Kms from Pune city along the Nagar road), were made aware about cervical cancer which is the only form of cancer that is preventable.

Through Scitech Park's intervention a very important fact that the awareness level among women is extremely poor about this most prevalent form of cancer which is completely curable through early stage diagnosis, counselling, periodic monitoring and treatment came into forefront. After the screening it was observed that **out of 300 women 17 women were detected positive which means 5.66% or approximately 6% of the women were affected by this virus which might develop into full blown cancer if not taken care through counselling, periodic monitoring, maintaining hygiene and medication. Maintaining proper hygiene and awareness about this cancer helps tremendously in averting this disease. This is a very crucial and important data from the viewpoint of reducing female mortality rate due to cervical cancer.**



2. Solar LED Home Lighting System to remote Hamlets situated inside Wildlife Sanctuary in Maharashtra

Scitech Park, Pune had taken up the task to provide Solar LED Home Lighting System to such areas where there is no grid connectivity like Wildlife Sanctuaries where developmental activities are not allowed inside especially near the core zone. One such wildlife sanctuary near Pune is Bhimashankar Wildlife Sanctuary, and there are several hamlets which do not have grid connection yet. Under this project Scitech Park distributed a total of 255 Solar LED Home Lighting Systems to 255 families residing in villages and hamlets namely; Phatan, Sakeri, Nigdale, Kondhval, Pimpargane and Sidhagadh.

The launch of 'Scitech Surya' Solar LED Home Lights was conducted on 2nd August, 2016 at Gram Paristhitiki Samiti, Bhimashankar - Nisarg Point. The event was graced by Shri. Sunil Limaye, IFS (Chief Conservator of Forests, Wildlife, Pune) as the Chief Guest. The event was attended by forest officers and the beneficiaries from Nigdale, Pimpargane, Kondhval, Sakeri, Patan and Velholi villages from Bhimashankar Wildlife Sanctuary.

This initiative was funded by New India Assurance Company Ltd. Mumbai under their CSR Programme.



3. Distribution of Scitech Surya Solar LED Lamps-Launched on 12th August, 2016 at Palghar District

The 'Scitech Surya' is the programme implemented by Scitech Park, Pune to provide Solar LED Lamps to tribal school children from remote Adivasi Ashram Shalas in Mokhada Taluka, Palghar. These are indigenously developed advanced Lithium Phosphate batteries that can be easily charged through solar panels even during cloudy weather conditions providing light and helping children study. With 7-8 hours of charging, Scitech Surya can be used for about 10-12 hours. The mission of this endeavour is to support every underprivileged child's right to education by providing light in such remote areas where they have not seen light in their entire life.

The programme was financially supported by The New India Assurance Company Limited, Mumbai under their CSR initiative. During this programme Solar LED lamps were distributed to 1018 tribal children of the Zila Parishad high schools and Ashramshalas from Khodala, Suryamal, Wakadpada, Adoshi and Poshera villages in Mokhada Taluka of Palghar District.

The Scitech Surya was distributed to minimize the use of kerosene lamps for long hours which in turn gives out smoke and poses a threat of respiratory diseases in children besides providing them light.



4. Scitech Jaldoot

Scitech Park, Pune in the first phase of Scitech Jaldoot programme had provided two "Scitech Jaldoot" vehicles in two villages namely Dolhara and Sakhari in Mokhada Taluka of Palghar District, Maharashtra. After operating, maintaining and monitoring of the project for one year, Scitech Park, Pune in the second phase of the programme had delivered 6 Scitech Jaldoot vehicles to 6 more villages in Mokhada Taluka of Palghar District namely Koldyachapada, Palsunde, Nilmati, Dhamanshet, Pawarpada and Gonde Kh. which would be distributing clean safe drinking water at doorstep to almost 4500 villagers daily where there is no provision of filtered drinking water.

The launch programme for this Scitech Jaldoot Phase II was held on 24th August 2016 at Vitthal Dada Patil Samaj Mandir, Sainagar, Mokhada Tehsil, Palghar District, Maharashtra. The event was graced by Shri. Vishnuji Savara, Hon'ble Cabinet Minister for Tribal Development, Maharashtra State as the Chief Guest.

Under this programme local youths were identified as drivers and they were brought to the manufacturing facility in Pune for hands on training for operation and maintenance of the Scitech Jaldoot vehicles and Scitech Park, Pune is also facilitating the process of their getting a transport license for running the vehicles.

This project has been supported by ECGC Ltd. Mumbai under their CSR activity.



5. Scitech Surya

Scitech Park, Pune on a mission mode to provide alternate power to remote villages of Maharashtra had distributed Solar LED lamps to 1018 school children from 4 extremely remote tribal villages in the naxalite areas namely Pardi Khurd, Daheli, Daheli Tanda and Kosmet of Kinwat Taluka, Nanded District. The vision envisaged was to cover the total population of tribal school children from remote Adivasi Ashram Shalas in Nanded District. This contribution has helped tribal school children from remote Adivasi Ashram Shalas and their families hugely, who are deprived fully or partially from electricity.

After the completion of the first phase, Scitech Park, Pune through its second phase of 'Scitech Surya' project distributed 2240 solar LED lamps to school children of 14 adivasi ashram shalas from 14 villages located in Kinwat Taluka, Nanded. Scitech Park, Pune in its continuous endeavour to promote innovative socially relevant technologies had also made improvisation in the solar LED Lamps and instead of Li ion battery based lamps; in the second phase ultra capacitor based unique, long lasting, quick charging and low maintenance Solar LED Lamp were distributed which had 30 years of working life.

The distribution launch programme was held on 6th January 2017 at Swami Ramanand Teerth Marathwada (SRTM) University, Nanded, Maharashtra at the hands of Dr. P.B. Vidyasagar, Hon'ble Vice Chancellor of SRTM University, Nanded.

This initiative has been supported by ECGC Ltd. Mumbai.



6. Membrane Technology based Water Purification System installed at Indraprastha Nursing Hostel, Near Kabra Sadi Center, Behind Tarachand Hospital Lane, Rastha Peth, Pune

Scitech Park, Pune had implemented the project of installation of 1 Deluxe water filtration units based on Ultra Filtration Membrane Technology developed by CSIR – NCL at Indraprastha Nursing Hostel, Near Kabra Sadi Center, behind Tarachand Hospital Lane, Rastha Peth, Pune. This water purifying unit is the only indigenously produced Compact and Sleek Water Purifier in India. The project was carried out by Scitech Park, Pune along with its incubatee company who had provided the technical support for this project. This filtration unit is highly efficient, most cost effective and low maintenance solution that could be made available to the end user. This project was carried out to provide the most effective membrane based water filtration solutions for ensuring clean safe drinking water to 75 nursing students and staff residing in the Indraprastha Nursing Hostel. This project was supported by KEM Hospitals, Pune.



7. CSR Initiative of Scitech Park, Pune

Integrated Village Development Plan for Panawadi

Scitech Park, Pune had distributed 24 smokeless chulhas to 24 families along with 20 kg bag of biomass pellets as part of its initiative of Integrated Village Development Programme for Panawadi Village near Saswad, Pune. The ladies are using the smokeless chulhas regularly. Also Scitech Park, Pune had installed Biomass Pelletizing Machine along with shredder at Panawadi to locally produce biomass pellets for the villagers and also sale extra pellets to nearby towns and cities . Scitech Park, Pune had also trained youths from Panawadi village regarding the operation and maintenance of the biomass pelletizing machine which would ensure employment generation for the local youths in the village and biomass pellet based smokeless chulhas would reduce the indoor air pollution in the village thus reducing the mortality rate of women and children. The villagers partly funded for the chulhas and the pellets.



8. Biodiversity Conservation

Scitech Park, Pune has taken up the initiative to protect and evaluate a satellite water body; a major breeding site for avifauna, functionally linked to Ujani Wetland since 2004 with 6 volunteers and 2 coordinators which had 45 pairs of painted storks. The protection given to this water-body has resulted in an outstanding high breeding population of painted storks, spoon bills, grey heron, cormorants, little egrets, purple moorhen etc. to the tune of 19,796 by 2008. Also the conservation measure taken up by Scitech Park, Pune helped Ujani wetland to be considered for recognition as "Ramsar Site".

For Ujani Wetland Conservation, Scitech Park, Pune is also making a film including aerial shooting of Ujani Dam area using drone camera for documenting the various conservation measures taken up by Scitech Park, Pune.

