



Water, Sanitation and Hygiene Institute

Annual Report 2019-20

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# VISION

A world in which all the communities have access to safe, protected and sustainable drinking water and sanitation services, with improved hygiene practices.

# MISSION

WASH Institute's prime focus is to facilitate development of skilled professionals in water and sanitation sector with a community perspective to address the growing need of trained human resources in the sector.

Mission Statement includes:

- Bridge the knowledge gap between the community and service providers through education and training to assist the stakeholders in planning, implementation, operation and management of water, sanitation, hygiene and environmental programmes on a sustainable basis.
- Promote appropriate and low cost solutions in the areas of water, sanitation and hygiene promotion based on the action research and field level studies carried out by the Institute and its collaborative partners.

Advocate effective policies and strategies to address the capacity building needs around the Water, Sanitation and Hygiene promotion, with a special focus on poor and vulnerable communities living in rural and urban areas, for wider replication.

# Foreword

As we are heading towards marking 12<sup>th</sup> year of our foundation, it gives me immense pleasure to present the Annual Report of the Financial Year 2019-20. This annual report captures the journey of WASH Institute in FY 2019-20 that has helped the organization grow and take significant steps towards achieving its vision.



This year was significant to all the sector players, with the launch of Jal Jeevan Mission in August 2019 and achieving a status of "Swachh Bharat" on the 150th Birth Anniversary of Mahatma Gandhi in October. Through our Technical Assistance to MoHUA and Ministry of Jal Shakti, WASH Institute continued providing support to the Government of India towards making significant progress at improving the effectiveness of Swachh Bharat Mission for Clean India. On 2nd October 2019 the Honourable Prime Minister declared rural India as ODF. With over 400 plus cities being certified as ODF++ till this year, the year was remarkable in terms of gaining greater accessibility and ownership of the FSSM agenda. This year also marked the launch of Water Plus protocol that aimed at enabling sustainability of the sanitation value chain by ensuring wastewater treatment. This year WASH Institute has set up Technical Support Unit in the Ministry of Jal Shakti to provide expert technical assistance to Department of Drinking Water and Sanitation (DDWS) in effective implementation of Jal Jeevan Mission.

With its aim to provide improved WASH services to the marginalized communities living in difficult regions of India, WASH Institute continued to implement its grass root level WASH programs across 11 locations, seven States in India, including a water stressed block such as Thirupullani in Ramanathapuram district of Tamil Nadu. Through our grass root projects, we impacted the lives of 22,603 community members and 24,318 school children including 13,188 girl students in this year. This year was also remarkable in providing placement support to 73 students who successfully completed one year PG Diploma in Sanitary Inspector and two year diploma in Sanitary Inspector/ Health Inspector/ Multipurpose Health Worker courses. These students were placed as Health Inspectors/ Sanitary Inspectors in Greater Chennai Corporation and as Health Inspectors in Block Primary Health Centers across various districts of Tamil Nadu. All the activities undertaken by WASH Institute during the year 2019-20 had a positive impact on the environment and ecosystem.

The year was also rewarding for WASH Institute with the Mobile septage Treatment Unit (MTU) receiving the prestigious FICCI Water Award for its efforts in solid-liquid separation, sludge thickening and effluent treatment. Along with this, the technology also garnered attention from various international and national funders and Government at various workshops and conferences.

We expect the next year to be full with new challenges and opportunities. In 2020-21, we aim to train key stakeholders such as Govt. officials, Engineers, Sanitary Inspectors, NGO professionals, STP/FSTP operators, Private sector representatives on FSSM. We also aim to start implementing a new grass root level WASH project in the state of Rajasthan. The coming year will also witness efforts towards commercialization of MTU.

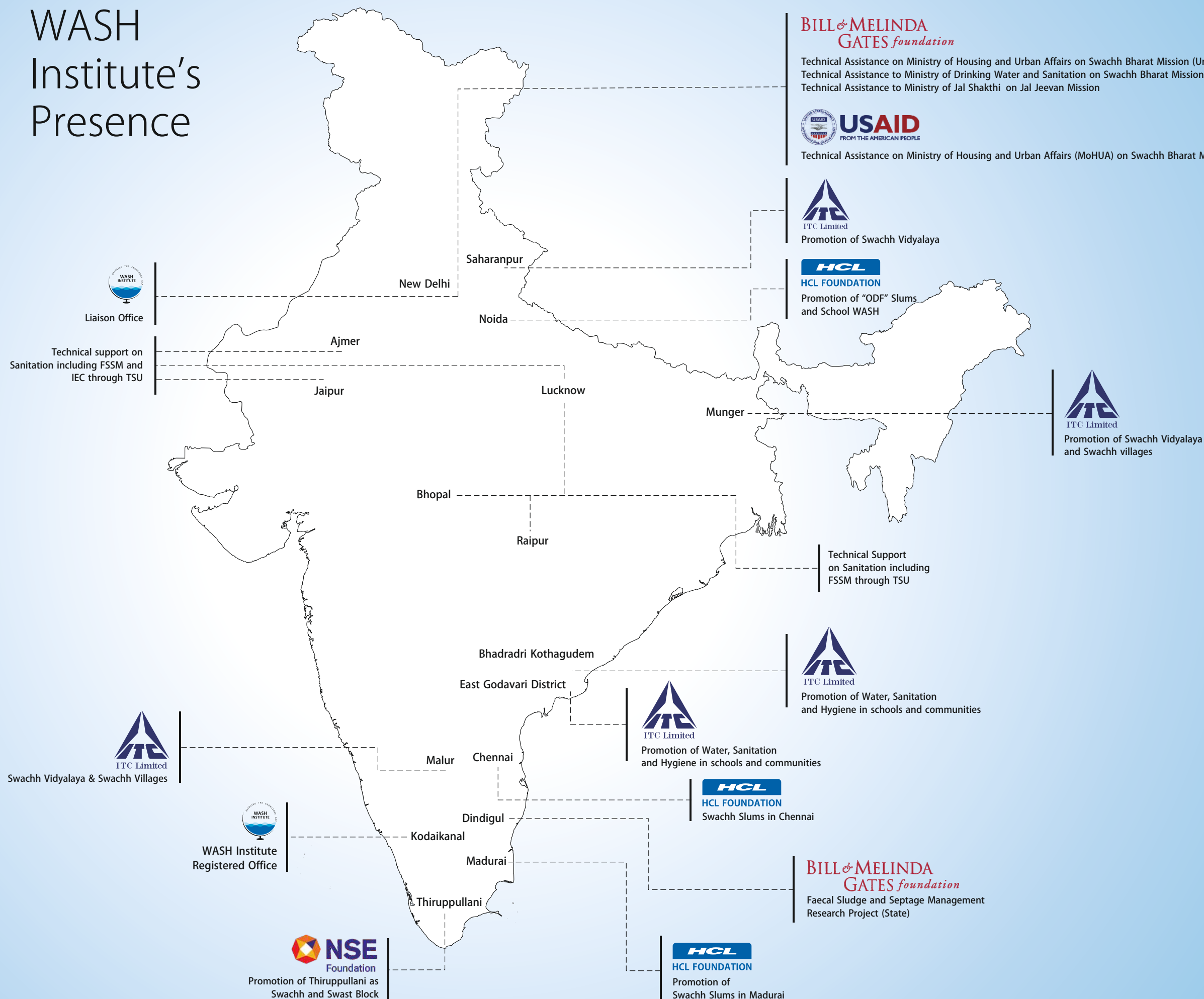
The onset of the year 2020-marked the outbreak of COVID-19 that suspended the daily lives of people around the world indefinitely. Since no economic cost was too big to stem the virus, the country has been put into a state of lockdown with surging positive cases and increasing deaths. WASH Institute is geared up to join hands with multiple stakeholders to enable the frontline sanitation workers and the vulnerable community members fight COVID-19 more effectively. Organizationally, we are taking every possible measure to protect and support our communities, our staff members and their families in the face of this unfolding COVID-19 crisis. We are rising to this challenge with flexibility and resilience and doing everything possible to maintain the momentum of our work and day-to-day operations.

Looking back at the journey of this eventful year, I would like to take this opportunity to acknowledge and express my heartfelt appreciation to our partners for their continued exemplary support. I would also like to express my gratitude to the General and Advisory Council members of WASH Institute along with all the staff members for their invaluable contributions during the year.

**Arumugam Kalimuthu**, B.E., M.Sc.,  
Managing Trustee



# WASH Institute's Presence





# Technical Assistance to MoHUA on SBM-Urban

With the support of **The Bill and Melinda Gates Foundation and USAID**, WASH Institute continued providing Technical Assistance to the Ministry of Housing Urban Affairs (MoHUA) on Swachh Bharat Mission – Urban (SBM-U).

## Key Accomplishments

- The PMU's continued efforts have brought in a noticeable sensitization across the board at MoHUA reflecting in greater acceptability and ownership of the FSSM agenda. FSSM has gained substantial traction in urban India, with 489 cities getting certified as ODF++ and more than 80+ cities in the pipeline for assessment.
- The dynamic framework of Swachh Survekshan has evolved continuously – The survey has resulted in Governments and other stakeholders becoming agile to rethink public service delivery. Through this competitive monitoring framework, the PMU was able to achieve significant forward movement in Liquid Waste Management, including FSSM.
- PMU facilitated the launch of Water Plus as a separate protocol to monitor wastewater treatment and its reuse. MoHUA has actively encouraged States/Cities to focus on wastewater management in addition to fecal sludge and septage management.
- As a result of capacity building programs, handholding support and strengthened mission monitoring assisted by the PMU, there has been an acceleration in the progress of States like Uttar Pradesh, Bihar and Assam which have achieved ODF status and no longer included in the category of ODF laggard states.
- PMU has been instrumental in developing the Water Plus protocol as the next step beyond ODF++ with a cognizance of the fact that concerted efforts are made by the cities towards

ODF++ compliance. The protocol has been conceptualized focusing on wastewater treatment and reuse.

- PMU played a key role in the formulation of the broad contours of the Jal Jeevan Mission (Urban) (JJM-U), envisaged to carry forward the efforts made under the AMRUT Mission. JJM-U is proposed for all 4,378 statutory cities as well as all the statutory towns, aimed at the provision of universal coverage of water supply in urban areas by 2024.
- In order to bring to the fore, the range of issues in sanitation that affect women and provide possible solutions to States and cities to respond to these through a gender sensitive approach, PMU drafted the Gender Responsive Guidelines under SBM – U: Issues, Solutions and Case Studies. The purpose of developing this document was to compile the issues and case studies and disseminate them among a wide range of stakeholders. This was released in October 2019.
- PMU conducted a National Capacity Building Workshop on Private Sector Engagement in WASH on 15th February 2020. The workshop provided various stakeholders from the sanitation space a platform to discuss about the

countless opportunities available for the private space to invest in the WASH sector. It facilitated a dialogue on the issues leading to an inherent dearth of private sector investment and the shortcomings in the current public-private collaborative ecosystem.

- CPHEEO support team assisted in preparation of the advisory on "On-site and off-site sewage management practices" which addresses the complete sanitation value chain in all urban areas and discusses in detail the on-site & off-site sewage management including faecal sludge & septage management (FSSM) & its co-treatment. The Advisory is released by the Hon'ble Minister of State-I/C (H&UA), Secretary (H&UA) and Joint Secretary (SBM & PHE) in July 2020.
- CPHEEO support team assisted in preparation of National Urban Sanitation Policy (NUSP) 2.0 with reference to NUSP 2008, in order to focus on all components of sanitation sector (Solid waste, toilets, wastewater management, faecal sludge management, storm water management). The document is finalized and waiting for approval by the competent official to release. The overall policy framework is aimed to provide guidelines to States and ULBs to adapt to their implementation framework related to sanitation projects.
- CPHEEO support team assisted in preparation of detailed Expenditure Finance Committee note (EFC note). The calculation for the wastewater component including justifications and assumptions for SBM 2.0 was prepared and presented to the Secretary MoHUA.



## Innovation

PMU supported MoHUA in developing an **Integrated Waste Management Application - "Swachh Nagar App"** which is a Mobile based solution to facilitate on-demand collection and transportation services for sanitation. The Swachh Nagar App is made to facilitate the entire process of collection and transportation, including **On-Demand Desludging**. It makes available the contact details of all the desludging operators to citizens on the Mobile Application. This App was launched by MoHUA in August 2019. PMU supported the MoHUA in getting the ULB wise Desludging Operator data to be integrated with Swachh Nagar App in order to facilitate the on-demand desludging in this one-stop ICT solution. The system consists of separate citizen and Engineer apps for citizen/household and waste collector respectively, while the ULB can monitor the entire process on a web portal dashboard. The objective of the App will be to provide an integrated solution for collection and provide services on liquid waste.



# Technical Assistance to Ministry of Jal Shakti on SBM-Gramin

With the support of **Bill and Melinda Gates Foundation**, WASH Institute continued providing Technical Assistance to the Ministry of Jal Shakti on Swachh Bharat Mission – Gramin (SBM-G).

## Key Accomplishments

- PMU conceptualized and developed the ODF Plus indicators to be captured based on SBM-G Phase II guidelines. Phase II IMIS will capture the key progress indicators related to ODF Sustainability and SLWM. The IMIS aims to capture activities for biodegradable waste management, plastic waste, FSM and grey water management.
- Swachhata Darpan, a ranking mechanism was revised and launched with the support of PMU in June 2019 to rank all districts, blocks and villages in India based on ODF, IEC and ODF+ parameters. This rankings framework was developed and implemented with a focus towards ODF Plus indicators
- PMU conceptualized star rating index to develop to assess the progress made by GPs/villages about ODF Sustainability and SLWM activities. Five Star rating framework is devised to ensure holistic evaluation across entire SLWM chain with key indicators for GPs.
- PMU developed the guidelines for the declaration of ODF Plus villages and have them incorporated as a part of SBM G Phase II guidelines which measures the village achievement on aspects of ODF sustainability and SLWM access to households.
- PMU supported DDWS in the process of institutionalizing capacity building plan and developing resource materials with content on SLWM (training modules, handbooks for field trainers and sarpanchs) to support the above capacity strengthening initiative for ODF Plus activities.
- PMU developed the baseline formats to capture the retrofitting and FSM needs, so accordingly retrofitting can be achieved in certain States during Phase II of programme.
- PMU conceptualized and designed the Swachh Sundar Samudayik Shauchalaya (SSSS) campaign including developing its guidelines. The PMU monitored the construction activities and ensured that each State has an O&M plan.
- PMU ideated and finalized on the different themes for Rashtriya Swachhata Kendra to ensure maximum citizen engagement including best practices, global benchmarks, success stories, and thematic messages.
- PMU documented the diverse challenges, strategies, approaches, solutions, innovations and success stories in the complex behavior change journey of the Swachh Bharat Mission. Information, Education and Communication (IEC) has been the foremost driver in making Swachh Bharat a Jan Andolan.
- PMU team contributed in developing Phase II guidelines in consultation with various stakeholders. PMU compiled various technological options for SLWM components, market-based solutions for SLWM and developed formats for ODF plus declaration and verification which were included as part of SBM-G Phase II guidelines
- PMU supported DDWS in developing a National Strategy for implementation of FSSM and Greywater management in India. Based on this strategy, cabinet note was prepared and approved by the Cabinet on 19th Feb 2020.
- PMU facilitated a one-day National Dissemination workshop on March 4th 2020 to discuss the roadmap for Phase II of Swachh Bharat Mission Phase II and plan to implement SLWM in all villages of India during next five years.
- As part of Swachh Mahotsav, the PMU facilitated national level awards under the category of Swachh Iconic Places basis their performance during FY 2019-20. Nine awards were given for different categories in Swachh Iconic Places.

## Innovation

PMU conceptualized and designed the **Swachh Sundar Samudayik Shauchalaya (SSSS)** campaign including developing its guidelines. The PMU monitored the construction activities and ensured that each State has an O&M plan. The team also handled the social media and the mass-mid-media communication for SSSS. The communication around the campaign was structured to promote sustained usage, increase the sense of ownership within the village, and ensure construction and maintenance of community toilets in rural areas. As an outcome of this, more than 20,000 Community Sanitary Complexes were constructed and maintained under this campaign. This has ensured that toilets are available in the public areas and that the floating population has access to safe sanitation.





# Technical Assistance to Ministry of Jal Shakti on Jal Jeevan Mission

With the support of **Bill and Melinda Gates Foundation**, WASH Institute has started providing Technical Assistance to the Ministry of Jal Shakti on Jal Shakti Abhiyan/Jal Jeevan Mission.

## Key Accomplishments

- The TA team played a key role in developing the Jal Jeevan Mission (JJM) IEC guidelines by preparing the IEC strategy and roll out plan. The IEC guidelines have been submitted for approval and are under scrutiny now.
- TA team facilitated a one-day national conference that was organized on 7<sup>th</sup> Feb, 2020 in Delhi. Conference provided a knowledge exchange platform with a focus on potable drinking water facility. Key stakeholders included Health and Public Health Engineering (PHE) officials, Rural Water Supply (RWS) Department officials from states affected with water quality issues, civil society, international agencies, community medicine practitioners, public health representatives, etc.
- As advised by the Ministry, a concept note was prepared by TA team on capacity building of various stakeholders of JJM on a cascading mode from State resources to GP resources. The framework has four tiers of trainings viz. ToT of State Resource Persons (SRP), ToT of District Resource Persons (DRP), ToT of Block Resource Persons & Training of GP resource persons.
- On the eve of World Water Day (22nd March), the TA team developed a media plan with two phases, via print media, electronic media (Doordarshan, AIR, FM channels) and social media, to create a buzz on JJM. The first phase constituted information on JJM and the second discussed community responsibility.
- A Handbook named “Gram Panchayat Jal Jeevan Margadarshika (Har Ghar Jal)” was conceptualized to increase awareness at the Gram Panchayat level functionaries on different aspect of water from stories related to collective efforts by community to tackle the potable water related problems, from safe water supply schemes to community managed self-sustained O & M of water supply.
- Second edition of Ministry's Handbook on drinking water treatment technologies has been revised by TA team highlighting the research on various technologies and techniques for Arsenic, Fluoride, Iron and Nitrate removal in drinking water undertaken in India.
- One of the viable ways to achieve the safety and sustainability of the water sources is Grey Water Management. The TA team drafted Greywater management manual with focus on reuse of treated water at rural community level. This manual will serve as a practical guidance for Village Water and Sanitation Committee/ Paani Samiti/ User group etc in understanding the benefits and risks associated with greywater, and to enable them, plan a safe and sustainable grey water management system.





# Promotion of Integrated Water Supply, Sanitation and Hygiene in Schools and Community of East Godavari district of Andhra Pradesh

In partnership with ITC Limited, WASH Institute in the year 2019 commenced the project in Government schools across 88 wards of Anaparthi Mandal to enable students, teachers and Parent's Committee access to improved child, gender and Persons with Disabilities (PwD) friendly WASH facilities. With the realization that only construction activities alone would not bring sustainable changes in WASH domain, WASH Institute has made systematic efforts to apply successful practices from the field to bring behavioural change.

## Key achievements of the year

### Access to WASH facilities:

#### 1. Construction/Renovation of School Sanitation Blocks-

In FY 2019-2020, 10 target schools of Anaparthi Mandal were intervened and gender, child and disabled friendly school sanitation blocks were constructed/renovated with improved sanitation facilities including hand-washing stations, and changing rooms. Compound Walls were also constructed around six schools to enable protective environment to the students and school staff members. The activities benefitted 865 students, 41 teachers and MDM workers. Considering the fact, that poor sanitation affects the school going adolescent girls the most, the gender friendly toilets catered to the needs of 442 girl students in accessing a clean toilet. Facilities such as incinerators, running water facilities were provided to cater to the menstrual hygiene needs of women and adolescent girls. Integrated school WASH program has also proven to increase the cognizance abilities among students.

### Awareness Generation and Behavior Change activities:

**2. IEC/BCC Activities** - The activities are proven to be an effective tool to bring about social change and development. With an active participation from 865 school students, and 41 teachers and other school staff, activities such as street plays, magic shows, video shows, drawing competition, and essay writing competitions were conducted to emphasize on the importance of inculcating hygiene practices. A total of 18 such activities were conducted in 10 schools

**3. Celebration of Important Days** - Special days such as *World Toilet Day*, *Global Handwashing day*, *National Science Day*, *Children's Day* were observed to generate awareness on

handwashing, toilet usage and diseases related to unsafe water & sanitation. Rallies were organized in communities that witnessed active participation from 429 community members, students, teachers etc.

**4. Swachhta hi Seva campaigns** - The nationwide *Swachhta hi Seva* campaign marked the 150th Birth Anniversary of Mahatma Gandhi this year. To commemorate the movement, five campaigns were conducted with an active participation of 184 students and 136 participants including teachers, SMC member, and community members. The campaigns included activities such as drawing competition, essay writing competitions, rallies, etc.

**5. School Hygiene Sessions** - Regular hygiene sessions focusing on maintaining personal hygiene were conducted for 865 students and 41 teachers. Hygiene sessions were also conducted for teachers to orient them on basic hygiene practices so that they enable students to inculcate good hygiene practices. A total of 48 such classes were conducted in the year.

### Capacity Building and Convergence:

**6. Formation and Strengthening of Child Cabinet Committees and SMCs** - School Management Committees (SMCs) play an essential role in establishing a robust system of operation and maintenance of constructed toilet blocks. Therefore, this year 10 meetings were conducted to strengthen the functioning of SMCs and a total of 226 participants including SMC members, teachers and students participated in the meetings. Additionally, 10 Child cabinets were formed with 100 students who were trained to also contribute in strengthening the system of O&M.

**7. Hygiene Workshops for Students and Teachers** - A workshop to further emphasize on hygiene, and to generate awareness on environmental pollution was conducted with 51 school students and 12 teachers. The students from

various schools presented their ideas on the issues through models, paper presentation etc.

**8. On the Job Trainings for Sweepers and MDM Workers** - To enable the participants ensure robust maintenance & cleanliness of WASH facilities in schools, two on the job trainings were conducted for 31 sweepers and 20 MDM workers

**9. Food Hygiene Trainings for MDM Workers** - The overall purpose of food hygiene is to prepare and provide safe food and contribute to the better health status of the students. The training therefore focused on infusing food hygiene and handling practices among 20 MDM workers. The participants were capacitated on the precautions that are needed to be taken while preparing food, serving food and after serving food. The participants were also provided with gloves, head covers, apron, etc.

**10. Stakeholders' Meeting** - Stakeholders' meetings with SMC members, Block level govt. officers, local body members, teachers, and parents was conducted and project objectives were shared. The meeting also sought active co-operation of the stakeholders for successful implementation of the project. 55 members participated in the activity.

ensure the availability of hand wash liquids and toilet cleaning materials round the year in the schools.



## Innovations

The concept of **Our School Our Responsibility** was introduced to mobilize funds through Local Contribution from community members. A total of 11,21,930 has been mobilized thus far by the intervened 10 schools.

Initiated the formation of **Little Doctor** Groups in the schools to address first aid health services of students. A total of five such groups were formed with 20 students

Soap collection campaigns/ Soap Banks were introduced) were conducted on World Toilet Day to



## Testimonial



"Students used to suffer the most from the absence of improved WASH facilities. They used to defecate and urinate in the open and never used to wash their hands before having lunch. However, after the intervention of WASH Institute our school now has improved sanitation facilities with hand washing stations. The students now access toilet facilities and practice improved hygiene behavior like handwashing with soap."

- T.V.V. Venugopal, HM of MPP Primary school from Bangaramma Colony, Mandapeta Mandal.



# Promotion of Water, Sanitation and Hygiene in Schools and Communities in Bhadradi Kothagudem and Medak Districts of Telangana State

**Introduction:** In partnership with ITC Ltd, WASH Institute has been implementing this project since 2016 across 33 GPs in the districts of Bhadradi Kothagudem and Medak, Telangana. The project focusses on enabling schools and vulnerable communities get access to WASH services and promote improved hygiene behavior.

## Key achievements of the year

### Access to WASH facilities:

**1. Construction of Sanitation Blocks** - This year, the team constructed 46 sanitation blocks in schools and Anganwadi Centres. The sanitation blocks were constructed catering to the needs of children, gender and PWD people with facilities such as running water, drinking water stations, hand washing stations, utensil washing stations, and waste disposal system. About 1409 school students including 586 girls received access to improved gender friendly toilets, and safe drinking and running water facilities. The activity also benefitted about 1583 anganwadi children and enabled them inculcate hygiene behavior and toilet usage from a tender age. It has been observed that access to safe drinking water and improved WASH facilities in schools leads to improvement in learning levels of the students.

**2. Constructions of Individual Household Latrines** - Individual Household Latrines (IHHLs) were constructed for 632 households using fly ash bricks and AAC bricks. Each toilet was connected with twin leach pits for effective treatment of the fecal sludge.

### Awareness Generation and Behavior Change activities:

**3. IEC/BCC Activities**- In order to inculcate good practices on toilet usage, hygiene promotion, and solid waste management, activities such as awareness camps, and street plays were conducted in 186 schools. 47 Awareness camps, street plays and campaigns with 6000 students and 11873 community members across 22 GPs were also conducted in the communities.

**4. Celebration of Important Days**- Special events such as World Toilet Day, Global Hand washing Day, were conducted with 876 school students, and teachers. The team conducted rallies, drawing competition, quiz competition, and essay writing competition to promote hygiene and toilet usage.

**5. Rural Solid Waste Management Programme (RSWM)** - House to house campaigns, and awareness camps were conducted across 22 GPs to promote RSWM. This year, the team reached out to a total of 17,107 community members to sensitize them on RSWM.

**6. Promotion of Kitchen Gardens**- Kitchen Gardening was promoted in 25 schools through Child cabinets and the vegetables grown were used in Mid-Day Meals for 1056 students.

### Capacity Building and Convergence:

**7. Strengthening of School Management Committee**- Since School Management Committees (SMCs) play a vital role in school's integrated development; priority was given to strengthen SMCs in the target schools. This year, we supported 70 School Management Committees.

**8. Strengthening of Child Cabinets**- Child cabinet members are formed to ensure better monitoring of the constructed WASH infrastructure. To encourage discussions on WASH related issues in the schools, 51 Child cabinets with 670 students were formed. The members were also trained on Hygiene and O&M of school sanitation blocks

## Innovation

With continuous efforts, entire **Bhurgampadu Mandal** was declared ODF in this FY. However, community members were observed to continue defecating in the open. With the support of local sanitation members, Gram Panchayat members and district level officials, the team at WASH Institute along with the district officials conducted surprise visits at the places where people went for open defecation the most. 28 GPs were covered within two months and boards displaying information on OD were put on the hotspots. Due to these continuous awareness activities the hotspots have been transformed into clean areas and there has been a significant increase in the toilet usage in the villages.

## Testimonial



"We had approached Gram Panchayat for helping us construct an IHHL but they asked us to construct the facility by our own and the amount for which would be released later. We also approached local masons but they charged an exorbitant fee. Luckily WASH Institute came forward and supported us in toilet construction. Thanks to that the entire family is using the toilet now."

- Bukya Shanthi, Anjanapuram





# Promoting Swachh Slums in Madurai

**Introduction:** With the support of HCL Foundation, since 2016 the project has been enabling communities get access to improved WASH facilities along with promoting hygiene practices in slums and schools of Madurai City Corporation Area. The project also emphasizes on engaging the stakeholders/users in project implementation and ensures sustainability of WASH services.

## Key achievements of the year

### Access to WASH facilities:

- 1. Construction of School Sanitation Blocks** – This year, the team at Madurai constructed a school sanitation block in Sethupathi Pandidurai Corporation Higher Secondary School. The sanitation blocks were constructed child, gender, and disabled friendly with facilities such as handwashing and drinking water facilities. A total of 127 students and 15 teachers enabled access to improved WASH services. The menstrual hygiene requirements of adolescent girls were also catered to by installing an incinerator and constructing a change room.
- 2. Installation of Water Treatment Plants-** Two water treatment plants with RO facility of 1000 liters capacity were installed at Madurai M.G.R Bus stand and Vandiyur Park. The treatment plants supply potable drinking water to 3743 community members.
- 3. Construction of Drinking Water Stations-** Community Drinking Water Stations were constructed in Keerathurai & Milakaranai to provide access to safe drinking water supply. The two facilities constructed benefitted about 100 families and 500 community members. While the water tank in Keerathurai was inaugurated by Ms. Nidhi Pundhir of HCL Foundation, the tank in Milakaranai was inaugurated by MCMC Commissioner Mr. Visagan.
- 4. Installation of temporary Drinking water stations:** On the occasion of Chithira Thiruvizha festival, two temporary drinking water stations, 2000 litres each were installed at South Masi street corner and West Masi street corner for three days on the occasion of. The activity enabled about 12900 passers-by access safe drinking water.



- 5. Restoration of existing Water Points-** The team selected six water points that were earlier observed to have damaged platforms, damaged motor rooms and water stagnation. The water tanks were also observed to be leaking. The six water points were restored and handed over to the WATSAN Committees. Through this intervention, nearly 1500 community members were benefitted.

### Awareness Generation and Behavior Change activities:

- 6. Hygiene promotion sessions with students-** With the aim to impart importance of hygiene, regular hygiene sessions were conducted in three schools with a total participation of 1404 students.
- 7. Swachhata Shramdaan-** This activity is an effective way to inculcate ownership among students. The activity was conducted to generate awareness on Solid and Liquid Waste Management, source segregation and safe disposal of Solid Waste. *Swachhata Shramdaan* workshop was conducted in 10 schools through PowerPoint presentation, Video Screening and Practical Sessions. 624 students and four teachers participated in the activity.



- 8. Orientation Sessions on hygiene and O&M with SMC members-** The sessions were conducted to understand the situation of the WASH infrastructure constructed in the schools intervened from 2016-2018. The sessions also ensured strengthening of the SMCs on hygiene and O&M. A total of 125 students, teachers and SMC members participated actively in the sessions. The team also disseminated a 15 page booklet describing the roles and responsibilities of the WATSAN committee in detail.

- 9. Solid waste Management Sessions-** Six solid waste management programs were conducted at six locations to impart awareness on source segregation, collection and safe disposal of waste. The sessions also motivated the community to produce compost by sensitizing them on the benefits of the same. 212 community members participated in the sessions.

- 10. IEC/BCC activities-** In order to generate awareness on depleting groundwater table, and the ill effects of open defecation, among community members, activities such as environment friendly wall paintings, vehicle rally, and street plays were conducted in select locations. The team also conducted vehicle rally to promote water conservation for three days. The event saw an overwhelming participation of over 16000 community members. Handbills on WASH, water conservation were also distributed among the participants.

- 11. Celebration of Important Days-** Special Events such as World Toilet Day, Global Handwashing day, Sugadhara Pongal and Menstrual Hygiene Day were observed in target schools and communities. To celebrate the important days, the team organized vehicle rallies in 16 locations, hand washing demonstrations, and art competitions to emphasize upon the significance of hygiene and toilet usage. This year, besides conducting various activities on Global Hand washing day, WASH Institute also partnered with a leading FM channel to promote hygiene. The event on Menstrual Hygiene day focused at busting the myths associated with menstruation. Apart from sensitizing the participants on hand washing before and after using the sanitary pads, the event also informed the women on female reproductive organs and the changes a female body undergoes during menarche and menopause. A total of 4090 community members, women, adolescent girls, students, and teachers participated in the events.

### Capacity Building and Convergence:

- 12. Formation and Training of WATSAN Committees-** WATSAN committees play a crucial role as far as sustainability of the WASH services is concerned. Eight WATSAN

Committees with 120 members were formed and trained on WASH, and operation and maintenance of the constructed and renovated WASH facilities.

- 13. Formation and Training of School WATSAN Committees** - Time and again the school WATSAN Committees' role comes to the forefront for a number of activities. Ensuring sustainable services of the constructed sanitation facilities with the support of teachers and SMC members, is one of those activities. This year we formed and strengthened School WATSAN Committee involving 150 members.

- 14. Trainings of staff and different stakeholders on imparting good hygiene behavior-** The trainings were focused on maintaining food hygiene, and personal hygiene. The training sessions were attended by 123 SHG leaders, City Health Officer, ICDS CDPO officer, Anganwadi workers, community volunteers and staff members of WASH Institute. The trainings were designed to equip the participants with knowledge on food hygiene, personal hygiene, sanitation and water.

### Mobile septage Treatment Unit

In order to treat the septic tanks of the households, services of the Mobile septage Treatment Unit was availed. The MTU, being an onsite septage treatment technology, treated 51 septic tanks and treated a total of 2,17,983 litre of septage. The service reached out to nearly 300 community members.

## Innovation

Through Swachhta Shramdan and with the involvement of school students **a compost pit was developed**. The manure produced was used in herbal gardening.

## Testimonial

"We used to face serious issues in accessing potable drinking water. The taps that we were dependent on used to get limited supply and were placed far away from our places. Thanks to the Mini Water Supply tank installed by WASH Institute we are now able to access safe drinking water for our families."



- Mrs. Patchi,  
WATSAN  
Committee  
member



# Swachh Vidyalaya and Swachh Villages in Munger

**Introduction:** In partnership with ITC Limited, WASH Institute initiated this project in 2014. With its reach across 16 Gram Panchayats, the project has enabled the schools and communities of Munger district get access to improved sanitation and safe drinking water facilities. The project also intensively promotes hygiene behavior practices in the target district.

## Key achievements of the year

### Access to WASH facilities:

#### 1. Construction of Sanitation Blocks for School Children-

Child, gender, and disabled friendly sanitation blocks were constructed in 25 schools of Munger and Jamalpur blocks that enabled 7111 students, 204 teachers, 300 SMC members, and 92 MDM members access to improved sanitation facilities. The sanitation blocks were also provided with facilities such as drinking water/ utensil washing stations. Out of the 7111 students, the project enabled 3923 girl students with improved WASH services. Taking into consideration the menstrual hygiene needs of adolescent girls, the project installed incinerators, changing rooms, and sanitary napkin boxes to ensure safe use and disposal of the sanitary napkins. Upon continued interventions, the school sanitation blocks have resulted in notable decrease in the dropout rates of the students, especially girls.

#### 2. Construction of other facilities in 25 Schools

- In addition to the constructed facilities, the project also built a compound wall, kitchen shed, classroom partition, open floor and grill for drinking water station in 25 schools. The schools were also provided with bore well submersible pumps.

#### 3. Construction of Community Sanitation Complex

- With the support of ITC Limited and Munger Nagar Nigam, this year, the team constructed two community sanitation complexes in Lallu Pokhar Ward No. 32 and Machli Talab Ward No. 11 of Munger Sadar block with facilities such as drinking and hand washing stations. These complexes were designed to cater to the needs of children, gender and Persons with Disabilities. The two sanitation complexes were also provided with facilities such as incinerators, change rooms and sanitary napkin boxes for women and adolescent girls. The system of pay and use for better operation and maintenance was

introduced for long-term sustainability of the complexes.

### Awareness and Behavior Change Activities:

**4. IEC/BCC activities** - activities such as video shows, drawing competitions were conducted in 25 schools to inculcate hygiene practices among students. The activities witnessed participation of 1000 students.

**5. Hygiene Sessions** - Regular hygiene sessions on maintaining personal hygiene were conducted in all intervened 79 schools. The hygiene sessions trained 158 teachers and enabled them to conduct training sessions for the students.

**6. Celebration of Important Days** - Special days such as World Toilet Day, Global Hand washing Day, World Environment Day were celebrated where 160 participants including ITC officials, Development partners, 970 students, 60 teachers and 650 community members actively participated. The team also organized rallies and plantation drives to spread awareness. The events imparted the significance of the important days. The events ensured engaging and sensitizing people on the importance of using toilets, maintaining personal hygiene, and keeping the environment clean. Plantation drives and rallies were conducted to generated mass awareness.

### Capacity building sessions and convergence:

**7. Consultation Meetings with Govt. Officials-** Consultation meetings were conducted with the District Educational Officer, DPO (SSA, MDM), Block Development Officers, and Block Educational Officers on project implementation, and resource mobilization. Meetings were also conducted with Executive Engineer, District Coordinator on Water Quality Test and Munger Municipal Commissioner, Deputy Municipal Commissioner and Mayor on Community Toilet construction.

**8. Formation and Training of Child Cabinet-** Child cabinets were formed and trained on hygiene and operation & maintenance. 300 child cabinet members provided with 12 sets of uniforms, caps, batches, soap box and fund collection box for each school.

**9. Trainings for MDM Workers-** Two Food hygiene trainings conducted for 92 MDM workers were conducted in all the 25 schools intervened in this year.

**10. Conducting meetings with SMC, Teachers, Parents and Students-** Regular meetings were conducted with over 5900 participants including School Management Committee members, teachers, parents and students on hygiene and operation and maintenance of constructed WASH infrastructure. The team

conducted a total of 250 meetings with the SMC members and parents across 104 schools. The aim of the meetings was to strengthen the operation & maintenance system and ensure its robust functioning.

### 11. Meetings and Trainings conducted for WATSAN committee

- To strengthen operation and maintenance system of community toilets, regular meetings with 40 WATSAN Committee members, six care takers, four sweepers and cleaners (Vidyalaya Swachhta Bandhu) were conducted and the members were trained community toilet maintenance, roles and responsibilities. Hygiene kits, uniforms and bicycles were also provided for the Sweepers. Apart from this, the team also conducted regular meetings with eight WATSAN Committee members.

## Innovation

**Cleaners on Wheels-** A youth is trained on cleanliness of school toilets and he is linked with multiple schools in an intervention area as Cleaner. This cleaner takes care of the cleanliness of the school WASH facilities and the salary of the cleaner is shared between the respective schools who is assured of a viable remuneration. This also helps the schools to save money as schools have very limited resources. This person is provided with a bicycle for ease of movement.

## Testimonial



I work in nine Govt. Schools of Munger Block. Previously I used to be called to work in a school or two, since this was not economically remunerative enough, I could not afford to give it a priority. However, after getting training and support from ITC Mission Sunhera Kal and WASH Institute, I got uniform and cycle and began to be known as Vidyalaya Swachhta Bandhu, which is good to hear and gives my work an acknowledgement. I also contribute my time in school for awareness generation. Thanks to ITC and WASH Institute for giving me an opportunity to fulfil my livelihood as well as earn my dignity"

– Upendra Ram, Vidyalaya Swachhata Bandhu





# Promotion of Swachh Vidyalaya in Saharanpur district

**Introduction:** WASH Institute in partnership with ITC Ltd has been implementing the project in two blocks of Saharanpur viz, Baliya Kheri and Punwarka since 2018. The project since then has been enabling the target Govt. schools get access to WASH facilities and instill hygiene related behavior change practices among the students.

## Key achievements of the year:

### Access to WASH facilities:

#### 1. Construction of School Sanitation Block-

Child, gender and disabled friendly sanitation facilities were constructed and renovated in 15 Government schools with drinking water stations, hand washing stations and utensil washing stations. A total of 64 latrines (Girls-50, Boys-14) were constructed along with 32 urinals for boys that benefitted a total of 2941 students, 82 teachers, Shiksha Mitras and other school staff members. The project enabled 1883 girl students access improved sanitation and safe water facilities. The project also ensured catering to the menstrual hygiene needs of the adolescent girls by installing and constructing facilities such as incinerators, changing rooms respectively.

#### 2. Construction of Community Sanitation Block-

Two Community Sanitation blocks were constructed at **Nirman Kushth Ashram at Chakrata Road** and at **Nirashray Kusth Ashram Khalasiline**. The sanitation blocks enabled 200 leprosy patients access to safe and improved water and sanitation facilities. The women and adolescent girls were also provided with the facilities such as incinerators to ensure safe disposal of used sanitary napkins.

### Awareness Generation and Behavior Change activities:

**3. Hygiene Session-** Regular hygiene sessions with special focus on importance of personal hygiene were conducted in 37 schools benefitting 7873 students. 209 regular hygiene sessions were conducted.

**4. IEC/BCC Activities-** Activities such as 36 video screenings, 37 dustbin competitions were conducted in 37 schools. The team also conducted campaigns to observe **Swachhta hi Seva** – an initiative of Government of India to promote cleanliness, in 35 schools involving a total 7873 students.

**5. Celebration of Important Days-** Special days such as Global Hand washing day and World Toilet Day were observed. **On Global Handwashing Day**, the team organized a mega painting competition on "Clean Hands for all"

that involved 189 students from 32 schools and 51 teachers. Mr. Sanjay Bharti, Nagar Sikshya Adhikari, Saharanpur ; Mr. Alok Taneja, President, Gramin Patrakar Association, Saharanpur and Mr. Pamish Kumar from ITC graced the occasion. **On World Toilet Day**, a total of 900 participants including child cabinet members from 37 schools, teachers, community leaders and other officials participated in the cultural events that were conducted on the theme **"Swachhta"**. On this day, a public meeting was also organized on the theme **"Leaving No One Behind"** without safely managed sanitation. Divisional Commissioner Mr. Sanjay Kumar, IAS; DIG Police Mr. Upendra Kumar Agarwal, City Commissioner Mr. Gyanendra Singh and City Sanitation Officer Mr. Geetaram graced the occasion. Among others, Mr. K J Singh, Mr. Subhendu Dash, Mr. Pamish Kumar from ITC also participated on the occasion.

### Capacity Building and Convergence:

**6. Meetings with School Management Committee (SMCs)-** Series of meetings were conducted to strengthen the SMC members to maintain the toilet blocks and to ensure overall development of the school. The meetings were focused around operation and maintenance of the school sanitation complexes, mobilizing contribution to maintain the robust O&M system of the new toilet blocks. This year we conducted 182 SMC meetings were held with 518 SMC members from 37 schools. Total of INR 17,71,900/- was mobilized by 15 schools where school sanitation blocks were constructed.

**7. Strengthening the Child Cabinet-** Child cabinet is an important body that if oriented, and capacitated properly, contributes significantly towards effective maintenance of the school toilet blocks. The child cabinet members also engage in communication and generate awareness among students on WASH. Therefore, this FY, 444 members of child cabinet were strengthened in 37 schools to promote hygiene and to bring about robust O&M of sanitation facilities.

**8. Formation and Strengthening of WATSAN committees-** WATSAN committees were

formed and strengthened in Nirman Kushth Ashram at Chakrata Road and at Nirashray Kusth Ashram Khalasiline involving 15 active members from each ashrama.

**9. Meetings Conducted in Ashrams -** To establish a system of operation and maintenance for the constructed WASH facilities in Ashramas, meetings were held with 67 residents of the Ashramas.

**10. Special meetings with parents, teachers and students -** As part of Swachh Vidyalaya Samaroh, two public meetings were conducted with parents, teachers and students on "Clean Hands for all". The objectives of the meetings were to emphasize on the importance of washing hands, and maintaining hygiene. A total of 240 parents, teachers and students participated.

## Innovation

- Formation of **Soap Bank** to ensure sustainability of proper handwashing practices.
- Involvement of local and state level media leading to the **works** being **covered 36 times in renowned print and electronic media** during the year 2019-2020 such as Punjab Kesri, Dainik Bhaskar and other local newspapers along with electronic media.

## Testimonial



"Working with WASH Institute in their ITC-MSK supported project is very much encouraging for us. Not only have they constructed beautiful toilets in our schools but also renovated many schools giving those a new look that attract children. The hygiene education imparted is very much useful for the students in bringing necessary behavioral change with regard to personal hygiene and environmental sanitation. I am very much pleased for such an amazing contribution in shaping the school into 'Swachh Vidyalaya'."

- Sunil Kumar Gour,  
Block Education Officer, Baliakhedi and Puwarka





# Promotion of Swachh Slums in Chennai

**Introduction:** This project is supported by HCL Foundation and has been ongoing since 2018 in the slums and schools of Sholinganallur (Zone 15) under Chennai Corporation Area. The project focusses on providing improved WASH services to the marginalised slum dwellers and school children of the target area. Along with the improved sanitation facilities, the project also ensures promoting hygiene practices to eradicate open defecation through participation from the target slum, schools and Govt. officials of the Chennai Corporation Area.

## Key achievements of the year

### Access to WASH facilities:

**1. Construction of Individual Household Latrines (IHHLs):** Inadequate sanitation is associated with diarrhea, soil-transmitted helminths, trachoma, etc. In order to enable community members access improved sanitation, Individual Household Latrines with solar powered lights were constructed for 105 households in Gandhinagar slum.

Awareness Generation and Behavior Change activities:

**2. School Hygiene Sessions:** Regular hygiene Sessions through SMART sessions, quiz competitions, drawing competitions were conducted in schools. The sessions imparted the significance of handwashing, toilet usage, Menstrual Health Management, and waste segregation. The sessions benefitted a total of 379 students, teachers, etc

**3. IEC/BCC activities:** Activities such as video screenings, street plays were conducted in

Gandhinagar DBAI, Yerikkarai, to promote hygiene and toilet usage. A total of 457 community members participated in the events.

**4. Celebration of Special Days:** Special events such as World Toilet Day, Global Hand washing day, Deworming day, Sugadhara Pongal, World Menstrual Hygiene Day and Environment Day were observed with an active involvement of 513 school students, teachers and community members in Yerrikarai community and Sholinganallur Govt. Middle School. The team conducted various innovative and audience engaging awareness generation activities along with disseminating hygiene messages on hand fans.

### Capacity Building and Convergence:

**5. Training programmes on Solid Waste Management:** Training programmes were conducted on waste segregation, collection, processing, and treatment. The participants were equipped with the knowledge of three principles of managing waste such as Reduce,

Reuse and Recycle. The team also conducted a training session on household composting of waste. A total of 172 community members participated in the trainings. The sessions were concluded with distribution of cloth bags and IEC/BCC materials such as pamphlets.

**6. Formation and training of WATSAN Committees:** Four WATSAN Committees were formed in Yerrikarai and Gandhinagar and were trained on the functioning of the WATSAN committees. Each group comprised 12 members. The training sessions were concluded with distribution of hygiene kits that consisted of a mouthwash, antiseptic liquid, sanitary napkin and hand sanitizer.

**7. Formation and strengthening of Children Parliament:** Children parliament was formed with 62 students and strengthened to orient them on operation and maintenance system.

**8. Meetings with children:** With an aim to promote children as Health Ambassadors, the team conducted three meetings in Gandhinagar slum this year. The meetings emphasized on imparting hygiene messages, hand wash techniques, and toilet usage. The meetings also brought into focus diseases that spread because of open defecation, and imparted knowledge on ways to overcome the same. A total of 125 children from vulnerable communities participated in the meetings.

**9. Stakeholders' meeting:** A stakeholders' meeting was conducted to share about the project activities and to seek active participation of the key stakeholders. The meeting was

attended by 90 key stakeholders including Executive Engineer, Sanitary Officer, Sanitary Inspectors, Government School teachers, WATSAN Committee members, NGO partners, and volunteers.

**10. Water Quality Test:** With an objective to provide training and awareness on water quality parameters and their analysis, a training on water quality was conducted at Sholinganallur. The training was provided to 18 participants including community members and staff members from WASH Institute.

## Innovation

The usage of mud pot by Community WATSAN Committee members as "Cost Effective Homemade Incinerators" has brought behavioural changes among the community members and prevented them from throwing the used sanitary napkins in the open leading to soil pollution or in the toilets pans leading to blockage and reduction of leaching effects in the leach pit toilets.

## Testimonial

"Being a mason myself I have constructed many toilets for others but always struggled to construct one for myself. Thanks to WASH Institute, we have a toilet with facility such as a solar light for my family in our premises."

- Ms. Priya Picchai, Yerikkarai Gandhinagar





# Promotion of ODF slums and School WASH in NOIDA

**Introduction:** The project is supported by HCL Foundation and has been ongoing since 2017. The project focusses on enabling schools and urban slums get access to improved WASH services and promoting improved hygiene practices among stakeholders. This project is being implemented in NOIDA, Uttar Pradesh.

## Key achievements of the year

### Access to WASH facilities:

**1. Construction/Renovation of child, gender, and disabled friendly toilet blocks:** Toilet blocks were constructed and renovated in eight schools and two inter colleges of NOIDA. These toilets were provided with improved WASH facilities such as separate enclosures for boys, girls and Persons with Disability, and hand wash stations. These facilities catered to the needs of 3680 students (2389 girls and 1291 boys) and 177 teachers.

**2. Installation of Safe drinking water facilities:** Safe drinking water facilities such as water cooling facility, and an RO facility were provided in seven schools and three inter colleges and catered to the needs of 4717 students and 84 teachers.

### Awareness Generation and Behavior Change activities:

**3. School Hygiene sessions:** Monthly hygiene sessions were conducted with school WATSAN committee, students, teachers etc. Awareness was generated among the participants on personal hygiene, hand washing techniques, menstruation cycle, human waste etc. The messages were disseminated through flow chart and posters. 121 regular hygiene sessions were conducted with 6208 students and 29 teachers in 26 schools and two inter colleges.

**4. IEC/BCC activities:** IEC/BCC activities are an effective way to create long-term impact among beneficiaries. Activities such as street plays, video shows, awareness meetings were conducted in target schools, inter colleges and communities on themes like solid waste management, water conservation, and ill effects of open defecation. While a total of 26 street plays and 23 video screenings were conducted in schools, two street plays, 13 awareness meetings and nine cleanliness drives were conducted in communities involving a total of 5424 students, 75 teachers and 1577 community members. The team also facilitated 23 Quiz and Drawing Competitions in Schools on WASH & Water Conservation in 22 schools

and one inter college. A total of 1111 students participated.

**5. Observation of special events:** Special days such as *World Toilet Day*, *Global Hand Washing Day* were observed in Govt. Upper Primary School Asgarpur of sector 42 and Sector 8 nursery involving 107 students, and 200 community members respectively. The special days generated awareness on WASH and water conservation through activities such as quiz competitions, drawing competitions, hand wash demonstrations.

### Capacity Building and Convergence:

**6. Solid waste management training:** Waste segregation at source is the first step towards scientific waste management and is essential for reducing waste at landfill sites. Keeping the advantages of waste segregation in mind, capacity-building sessions on source segregation of waste and composting of wet waste were conducted. 1134 students and 90 community members were trained on source segregation of waste and composting of wet waste. The activities were conducted in 24 schools and communities.

**7. Meetings with School Management Committees (SMCs):** These meetings enabled SMC members to guide and monitor the functioning of school WATSAN Committees and infuse behavioral change practices among students. 250 SMC members and 145 teachers from 21 schools were oriented on operation and maintenance of school WASH infrastructure.

## Innovation

- Donation box in Schools** - The purpose behind this box is to utilize the money for operation and maintenance of school infrastructure that includes the sanitary complex as well as drinking and hand washing stations. The donation usually gets collected during the SMC meetings. Thus far, approximately INR 2500 have been collected from 10 schools
- Art & Craft** - Children were motivated to do art and craft based on the principle of re-use of waste items which they were briefed upon during solid waste management classes.

## Testimonial

"The students earlier were not much into keeping the school clean. They used to litter waste around and throw plastic packets here and there. However, after the orientation on solid waste management in school by WASH Institute, they not only use the dustbins now but also have prepared a compost pit in order to produce manure for school plants. They also now understand the 3 Rs and try to implement this to the best of their capabilities."

- Mrs. Kusum Kaushik, Principal Khodna Khurd.





# Promotion of Thirupullani as Swachh and Swasth Block

**Introduction:** In collaboration with NSE Foundation, WASH Institute in the year 2019 commenced a project in Thirupullani, Ramanathapuram District, which is one of the most water stressed districts of India. During the year, the project has enabled schools, communities, Primary Health Centres (PHCs) and Anganwadi Centres across 14 Gram Panchayats get access to improved child, gender and PwD friendly WASH facilities. The project also undertakes a comprehensive behavioural change campaign for promotion of improved hygiene practices.



## Key achievements of the year

### Access to WASH facilities:

**1. Construction/Renovation of School Sanitation Blocks:** 20 gender, child and disabled friendly school sanitation blocks were constructed/renovated with improved sanitation facilities including hand washing station, changing rooms, incinerators etc. The facilities catered to the needs of 1674 students and 92 teachers. The facilities catered to the menstrual hygiene needs of 864 girls. As an outcome to the constructed/ renovated facilities, the intervened schools observed an increase in the attendance rate of the students, especially girls.

**2. Construction/Renovation of Anganwadi Sanitation Facilities:** Safe drinking water and improved sanitation facilities are critical to a child's development and well-being. 25 gender and child friendly toilets were retrofitted in Anganwadi centres catering to the needs of 334 children who are under the age of 5 and 50 anganwadi workers/helpers. The toilet blocks were also provided with hand washings stations.

**3. Retrofitting of Primary Health Centers (PHCs) Sanitation Facilities:** Water, Sanitation and Hygiene is fundamental to preventing and controlling infection in health care facilities. Therefore, toilet blocks in two PHCs were retrofitted with improved sanitation facilities that enabled 200 out patients and staff

members access to improved sanitation facilities.

**4. Installation of Drinking Water Facilities:** In order to provide better accessibility to safe drinking water, three mini water tanks of 2000 litres capacity were installed in target villages. The tanks were provided with four taps for the convenience of the community members to collect water. The drinking water facilities will enable saving time and effort of community members, especially women, towards accessing safe drinking water and is expected to benefit over 1200 community members.

### Awareness generation and Behavior change activities:

**5. IEC/BCC Activities:** IEC/BCC activities are an effective strategy to promote hygiene and reach out to the target audience in their local dialect. Activities such as street plays, video shows, drawing competitions, quiz competitions etc. were conducted across 20 schools, 65 communities and 25 Anganwadis on water, sanitation and hygiene issues. In schools, 40 video shows were conducted with 1674 students, and 20 quiz competitions and drawing competitions were conducted with over 400 students. In addition to these, in communities, eight mass awareness camps and eight video shows were organized to disseminate hygiene messages among 2100 community members. In Anganwadis, 50 video shows were conducted for 334 children. Communication material such as hand fans were distributed among 1674 students and 2500 families.

**6. Celebration of Important Days:** Special days such as World Toilet Day, Global Hand Washing Day were observed to engage and sensitize people on diseases related to poor & unsafe sanitation. The days were celebrated with large number of community members, students and teachers.

### Capacity building and convergence:

**7. Stakeholders' Meeting-** To emphasize on the importance of sustainability of WASH services, resource mobilization and ensure coordination and support from Govt. departments for the project activities, a stakeholders' meeting involving SMC members, Block level govt. officers, community members etc. was conducted.

**8. Formation and Strengthening of Child Cabinet Committees:** Child Cabinets were formed and strengthened in 20 schools. 240 child cabinet members were trained on operation and maintenance of the retrofitted WASH infrastructure in schools.

**9. Personal, Food Hygiene Trainings for MDM Workers:** Making a positive contribution towards maintaining good health of the students, food hygiene and personal hygiene

trainings were conducted with key stakeholders such as MDM workers, Anganwadi teachers, ASHA workers, and Mothers. The sessions were attended by 290 participants.

**10. Menstrual Hygiene Management training for adolescent girls:** Aimed at breaking the stigma around menstruation and emphasizing on the importance of menstrual hygiene, two Menstrual Hygiene Management trainings were conducted with 1103 adolescent girls and female teachers. The trainings imparted information on menstrual cycle, importance of washing hands before and after using the pads and safe disposal of sanitary pads.

**11. Capacity building sessions on hygiene and O&M of WASH Facilities:** 80 school teachers and SMC members were equipped with knowledge on hygiene and importance of operation & maintenance of WASH facilities. The purpose of these trainings was to ensure long-term sustainability of the sanitation and water services in Schools. Similarly, 98 PHC staff members such as Doctors, staff nurse, Auxiliary Nurse Mid wife were oriented on importance of Operation & Maintenance of WASH facilities.

## Innovation

- Linked local plumbers with the School Authorities for the effective operation and maintenance (O&M) of school sanitary blocks.
- Formed Menstrual Hygiene Management Clubs in the Middle, High and Higher secondary schools.
- Introduced Soap Banks and trained children to make liquid soap from solid soap bars to promote proper hand washing in the school environment. Introduced Soap Donation Boxes in 20 schools

## Testimonial

"The condition of the toilet facilities in our school was very poor, and therefore we had requested WASH Institute for the renovation. Now, they have renovated the toilet block with running water and handwashing facilities. The newly renovated facilities have helped us immensely in creating a positive ambience for learning and growth of the students, and we thank NSE Foundation & WASH Institute for their support. There has been a visible behavioral change among the students with regard to practicing of improved hygiene practices. It has been a great help for all of us as now the children are more comfortable coming to school and seem way more confident & focused in their studies".

- Mrs Usha Rani, Headmistress, PUPS school



# Swachh Vidyalaya and Swachh Villages in Malur

**Introduction:** In partnership with ITC Ltd, WASH Institute has been implementing WASH project in Malur block of Kolar district and Hosakote block of Bengaluru district in Karnataka. This project has been enabling school children get access to improved child, gender and PwD friendly WASH facilities. The project also undertakes a comprehensive behavioural change campaign for promotion of good hygiene practices.



highlight the issue of plastic waste. Street plays, awareness camps, and rallies were organized with 400 students and community members.

## Capacity Building and Convergence:

**6. Formation & Strengthening of Child Cabinet Committees:** Child cabinet committees were formed in 30 schools to enable effective monitoring of constructed WASH infrastructure. This year, the team trained a total of 1599

schools on Operation & Maintenance to ensure sustainability of the constructed WASH infrastructure, regular training sessions were conducted for teachers and SMC members. The training sessions were attended by 41 teachers and SMC members.

**10. Capacity Building of Local Masons:** A training was also conducted for the master masons to equip them with skills of quality IHHL



## Key achievements of the year

### Access to WASH facilities:

#### 1. Construction/Retrofitting of School Sanitation Blocks:

In the target blocks of Malur and Hosakote, child, gender and disabled friendly sanitation blocks were constructed in eight schools with 19 hand washing stations. The two blocks were also provided with drinking water facilities to enable students access safe drinking water. A total of 18 drinking water stations and 16 RO based water purifiers were installed. The facilities benefitted about 1627 students, 125 teachers, 67 MDM workers. The facility enabled 879 girl students out of 1627 students get access to clean toilets with running water facilities.

#### 2. Construction of School Compound Wall:

The issue of wild animals roaming unrestrained in the school premises of Kadadenahalli school was addressed by constructing a compound wall to provide protection to the school children and the school staff members. A compound wall of 65 meters length was constructed and thus

provided a secured environment to 47 children and six teachers.

### Awareness Generation Activities:

**3. IEC/BCC Activities:** IEC/BCC activities such as awareness camps, animated video shows, quiz, drawing competitions, street plays were conducted with an overwhelming participation from students, teachers, and community members. The activities were conducted to promote hygiene, toilet usage and solid waste management activities. A total of 151 IEC/BCC activities were conducted involving over 17,000 community members, students and teachers.

**4. Celebration of Important Days:** Special days such as Global Hand washing day, World Water Day, World Toilet Day were observed to promote personal hygiene, toilet usage and water conservation. The events witnessed a participation of 1135 school students, teachers and community members.

**5. Special Program against Plastic Use:** The team also observed a special programme on the 150th Birth Anniversary of Mahatma Gandhi to

students on operation and maintenance of WASH infrastructure. Trainings were also imparted on hygiene to child committee members and they were encouraged to provide information on hygiene and sanitation to other students while carrying out their usual hygiene checks.

**7. Stakeholders' meeting:** Stakeholders meetings were conducted at Hosakote Taluk and Malur block with 31 Govt. officials, students, teachers, members from School Management Committee wherein overview of the project was shared for active support and collaboration.

**8. Capacity Building on Personal & Food Hygiene for Important Stakeholders:** Two trainings on food hygiene, and personal hygiene were conducted for MDM workers and cleaners. The trainings equipped the participants with knowledge to maintain hygiene while preparing food, serving the food and after serving the food. The trainings were attended by 48 participants.

**9. Capacity building for Undertaking O&M of WASH Facilities:** To continue strengthening the

construction. The training session was attended by nine master masons.

## Testimonial



"I am immensely happy to express my gratitude towards ITC Limited & WASH Institute for their precious, valuable and memorable social service towards our Govt. Lower Primary School Govindapura during the year 2019-20. They helped us in transforming the school environment into a child and gender friendly atmosphere, which is conducive for students' growth.

- Headmaster, Govt. Lower Primary School, Govindapura



# Nirmal Sankalp

**Introduction:** In its efforts towards improving the sanitation situation in the urban slums of Titagarh Municipality, West Bengal, WASH Institute in collaboration with CESC Limited implemented this project titled "Nirmal Sankalp" from 2016-2019. The project aimed at enabling improved WASH facilities and promoting hygiene practices in the slums of ward numbers 1, 2, 3, 7, 10, and 13.

## Key achievements of the year

### Access to WASH facilities:

**1. Construction of Child, gender and disabled friendly Community Sanitation block:** The community sanitation block was constructed at Ward no.7/ 10 with running water facility including hand washing station, bathing place, and a change room with incinerator for women and adolescent girls. The sanitation block was constructed with child, gender and disabled friendly facilities such as 12 latrines for men, nine for females and six for children. The community sanitation block benefitted a total of 450 community members.

**2. Construction of Child, gender and disabled friendly school sanitation block:** The school sanitation block was constructed at Shastri Vidyalaya primary school of Ward no. 10 with facilities such as latrines, urinals and hand wash facilities separately for boys and Girls. In addition to that, separate hand washing station, utensil washing station with shed etc. were also constructed near mid-day meal distribution place. Installation of a water purifier, was also undertaken. The WASH facilities benefitted a total of 120 students.

**3. Renovation of a community sanitary complex:** Considering the need for renovation activity for some of the facilities in the sanitary complex at Ward no. 13, the team undertook retrofitting work that included renovation of bathing place, addition of new latrines for males and females, etc. The activity benefitted approximately 550 community members.

### Awareness Generation and Behavior Change activities:

**4. IEC/BCC activities:** Activities were conducted to instill knowledge on improved hygiene practices, prevent water wastage and promote efficient usage of water among community members. Apart from that, the activities also addressed the importance of toilet usage, menstrual hygiene management, safe drinking water and safe disposal of solid waste. The community members were also oriented on the operation and maintenance of the constructed facilities. A total of 21 street plays, and one video show were conducted with active participation from 1588 community members across target wards. Rally, cleanliness drive and

plantation drive were conducted to commemorate the launch of Swachhta hi Sewa campaign. The events were conducted on 2nd October in Wards 10 and 7 to generate awareness on management of plastic waste and ban of single use plastic. A total of 130 students and community members participated in the events.

**5. Dengue awareness sessions:** The sessions were conducted in the target wards through home visits. The community members were sensitized on the spread of the Dengue, and the precautions that are needed to be taken.

**6. Observation of special events:** Special events such as Global Hand washing Day, World Toilet Day were observed with 245 community members. On Global Hand washing day, hygiene awareness programme with community children and other community members was conducted in ward no. 01 followed by hand wash demonstrations by project staff. On World Toilet Day, awareness was generated against open defecation and on the significance of toilet usage. Activities such as street plays, drawing competitions and hand wash demonstrations were conducted.

**7. Nirmal Sankalp Diwas:** On completion of 5 years of the project, WASH Institute in collaboration with CESC Limited organised Nirmal Sankalp Diwas on 30th September 2019. The occasion was graced by the representatives of Titagarh Municipality, and the CSR head of CESC Limited. The Municipality Chairman and Councillors expressed their gratitude towards CESC in supporting social development projects in the impoverished areas of Titagarh and pledged continuous cooperation for such initiatives.

### Capacity Building and Convergence:

**8. Formation and training of WATSAN Committees:** In order to strengthen the functioning of the WATSAN Committees on their roles and responsibilities towards operation and maintenance of the WASH infrastructure, 26 WATSAN Committee meetings were organized involving 333 WATSAN committee members

**9. General meetings:** 37 meetings were organized with the Caretakers, Supervisors, Sweepers etc. of the respective sanitary blocks in different

wards on overall cleanliness and maintenance of the sanitary blocks. A total of 528 participants attended.

**10. On the job training programs:** On the job training programs were conducted for WATSAN committee members, Caretakers, Supervisors and Sweepers on cleanliness of the sanitary complex and surrounding area of sanitary complex. Besides, practical demonstration of cleanliness of sanitary complex, the participants were also oriented on the significance of maintaining hygiene. The trainings were attended by 12 participants.

**11. Group meetings with community members:** To inculcate the practice of good hygiene along with generating awareness on water conservation, 37 group meetings were organized in target wards. During the sessions, information was shared on importance of "Hand wash with soap in proper way", "safe water preservation", "use of sufficient water before and after using toilet", "personal hygiene", and "faecal oral transmission route". The community members were also oriented on significance of their contribution towards operation & maintenance of the sanitation blocks. A total of 803 community members including women, adolescent girls, community children, school children etc. participated in the meetings.

## Testimonial



"With the construction of a child friendly toilet in our ward, parents began to take their children to this facility. Gradually, children also began to develop the practice of using toilets which resulted in gradual improvement of their health."

- Gudia Devi  
Mother and Home Maker  
(Ward No 3, Titagarh Municipality)





# Formal Course Centre Dindigul, Tamil Nadu

**Introduction:** WASH Institute's Formal Course Centre was established in 2008 and since then it has been developing a cadre of trained professionals in WASH sector.

## Key achievements of the year

1. During this year, WASH Institute started a new course **Two Year Diploma in Health Inspector / Sanitary Inspector Course**. The course was approved by Government of Tamil Nadu and 15 students were enrolled in the academic year 2019-2021. Also, a total of 41 students were enrolled in the One Year PG Diploma in Sanitary Inspector's Course affiliated to Madurai Kamaraj University.
2. The Ministry of Jal Shakti, in association with the Ministry of Youth Affairs and Sports, and HQ NCC launched the Swachh Bharat Summer Internship 2019 – 50 Hours of Swachhata. 36 students from the Course Centre participated in the internship programme and were awarded completion certificates jointly by Department of Higher Education, Ministry of Jal Shakti and Ministry of Youth Affairs and Sports. The internship provided an opportunity to the students to develop their skills on sanitation-related work and become a part of the Swachh Bharat Jan Andolan.
3. One-day training was conducted for the students and staff members of ASET Institute of Fire and Safety Engineering, Coimbatore on Water and WasteWater Management at Course Centre. The training session was to orient 35 students and teachers on the safety measures to treat wastewater, water from the faecal sludge, and water from the industries.
4. As part of the course work, field visits and internship programmes were conducted for the students from the PG Diploma as well as Two Year Diploma Courses. During field visits, facilities such as a Dairy Processing Unit, Sewage Treatment Plant, slaughter houses, Drinking Water treatment plants, Government Hospitals were visited. As part of their regular internship programmes, the two year Diploma Course students were trained for a short term duration of 2.5 months in Government Block Primary Health Centers, Town Panchayat, and

Municipality. Apart from this, an eight-week residential Internship training programme was conducted for the PG Diploma Course students at the Madurai City Municipal Corporation

5. 54 students from the PG Diploma courses supported the Dindigul City Municipal Corporation contain the outbreak of Dengue Fever as a part of the Anti-Mosquito Larval control program by participating in home visits and educating the community on identifying breeding spots and destroying mosquitoes larvae in their household premises .
6. Two Five-Day Training Programs- 1) Sanitation Assessment Survey and 2) Water Quality testing were conducted for World Vision India staff and WASH Volunteers at Kilayur Area Development Project, Nagapattinam District in Tamil Nadu, and Gundlupet Area Development Project in Karnataka respectively. A total of 147 participants participated in these two training programs.
7. One-day awareness training on School WASH was conducted for 95 School children of Government High school Gundlupet, Karnataka. The students were trained on the importance of maintaining personal hygiene, such as washing hands, toilet usage. Students were also trained to undertake water quality tests. Menstrual Hygiene Management for adolescent girls was also covered in the training programme.
8. During this year, about 72 visitors visited the Sanitation Park at the Formal Course Centre. The park displays models of toilets, Onsite Sanitation Systems etc.
9. Following the State Government guidelines, 15 students and staff members of PG Diploma Health Inspector were involved in COVID-19 Control Surveillance activities for two weeks along with staffs at Block Primary Health Center, Kannivadi in Dindigul District.
10. This year was also eventful in receiving an approval from Madurai Kamaraj University for a new course on PG Diploma in Water and Wastewater Analysis Management.
11. This year was also exciting in terms of number of recruitments made at the Formal Course Centre for the PG Diploma courses. A total of 73 students were recruited by the Greater Chennai Corporation and Block Primary Health Centers.

## Testimonial

"It was a wonderful and a great experience which we had in this one day training. It was so amazing to know more about water and water treatment, wastewater treatment methods, various kinds of toilets. Main information about STP was given which was very clear and useful from the point of view of Safety".

- Mrs. Mercy, Head of the Department, Academy of Safety Engineering and Technology (ASET)





# Mobile septage Treatment Unit (MTU)

**Introduction:** Initiated in 2017, the project supported by BMGF came a long way from design phase to pilot phase after being technically validated by third party institutions like Duke University. During 2019-20, the Mobile Septage Treatment Unit (MTU) treated a total of 4,61,653 liters from 113 septic tanks.

## Key achievements of the year:

1. This year saw a significant rise in the demand for MTU service in Dindigul with more number of households coming forward to benefit from the onsite technology. The total number of tanks emptied were 62 and total quantum of septage treated was 2,43,670 litres.
2. As a part of the project supported by HCL Foundation "Promoting Swachh Slums in Madurai" MTU service was deployed in the Madurai City Corporation area. The MTU emptied around 45 tanks and the total quantum of Septage treated was 1,81,740 litres.
3. The MTU was also invited in a vehicle rally on the occasion of World Toilet Day in Madurai. The purpose of the participation was to instill awareness on environmental pollution while generating awareness on hygiene and toilet usage among the community members. The event was covered in Makkal Kural newspaper on 20th December 2019.
4. The MTU was also invited by Madurai Kamaraj University to empty & treat septage from the septic tanks of the University Campus. The MTU emptied a total of six tanks and treated about 36,243 litres of Septage.
5. During this year, MTU won many awards and recognitions such as FICCI Water Award, INK@WASH. MTU was also exhibited in national workshops such as One-day Regional workshop on Action plan for elimination of Manual Cleaning of sewers and Septic tanks, One-Day National Workshop Cum Exhibition on Sustainable Sanitation, National planning workshop on ODF plus and water conservation, Innovation and New Knowledge in Water, Sanitation and Hygiene (INK@WASH) etc.





# Success Stories



## Cleaner on Wheels, Munger

WASH Institute provided water and sanitation facilities in the select schools of Munger district, Bihar under the project title *"Swachh Vidyalaya Swachh Village Project"* supported by ITC Ltd. The facilities were constructed to cater to the needs of the students and to save them from prevailing unsafe water and unimproved sanitation facilities. The schools engaged cleaners to maintain the cleanliness of the toilets however repeated instances of absenteeism caused by them resulted in significant reduction in the usage. Non-availability of cleaners ultimately became a nagging issue for the school authorities to take care of the situation.

*"We were called to work in a school or two. Since this was not economical for us, we could not afford giving this work a priority and opted out from it."* said Upendra, who was appointed as a cleaner under the project.

The team at WASH Institute addressed the challenge by devising a new strategy that addressed the issue of maintaining cleanliness of the sanitation facilities and simultaneously ensured regular visits of the cleaners. The strategy involved approaching the local cleaners and allotting them 7-8 schools that would share the cost of employing cleaners. Upon a cost benefit analysis, the income of a cleaner turned out to be between 4000 and 4500 INR per month. This ensured a viable remuneration for them to remain motivated and attend their duties in each school without fail. The project team also considered extending the

services of the cleaners to the schools that were intervened in the previous years since even they were facing similar issues of uncleaned toilets.

Furthermore, in an effort to ensure efficient service delivery of the cleaners, the project team provided bicycles to them, and gave them the title of *"Vidyalay Swachhata Bandhu" (SSB)*. Additionally, the team also considered providing uniform to the cleaners and enabled them social prestige. The uniform also generated awareness among the community members about their contribution to WASH. Attendance register maintained at MS Puraniganj SchoolThe project team also assisted the schools to develop attendance registers where the cleaners would mark their attendance for the day. The system also helped improving accountability of the cleaners and ensured payment at the end of the month based on their attendance.

*"This is what we needed. Initially we had to go looking for other jobs to meet our ends. Now with the schools pooling in to sustain our services, we are in a much better position to provide services as Vidyalaya Swachhata Bandhu for a long time"* stated a satisfied Upendra who makes about 4,550/- a month.

Soon the success path taken by Upendra had followers named Chotu Kumar and Ujala Kumar who stepped forward and contributed to their services as *"Cleaners On Wheels"*.





# Success Stories

## Homemade Incinerators, Chennai

Every month, around 353 million women and adolescent girls across India use sanitary pads and in the absence of proper disposal mechanism generate 44,125 million kilos of menstrual waste by either throwing the soiled sanitary pads in the environment or in toilet pans. The improper disposal of menstrual waste eventually results in blockage of the toilet while also hindering the leaching effects in the leach pit of the toilets. Studies have also shown that one sanitary pad could take around 500 to 800 years to decompose as the plastic used is not bio-degradable, and can lead to health and environmental hazards. Improper management of menstrual waste has thus become a huge cause of concern in India, especially in urban and rural slums.

The situation in Chennai is no different. According to Chennai Corporation, 5400000 Kg of waste is collected annually from residential areas-including sanitary waste such as menstrual pads.

In order to address the environmental and health concerns, WASH Institute, under the project titled "Promotion of swachh slums in Chennai" took the initiative of introducing a locally developed sustainable method of safe disposal. It is essentially a small earthen pot that works as an incinerator into which all the menstruating females in the family throw their used sanitary pads. The pots are

buried partially in the ground. Once full, the waste is soaked with some oil and burned. After the waste is set alight, the resultant ashes are then disposed of and the pots are ready to be used again.

The initiative was well adopted by all the four WATSAN committee members of Gandhinagar slum after a hands on capacity building session provided by WASH Institute on proper usage of the earthen pots. The session also aimed at busting the myths surrounding menstruation and generated awareness regarding the importance of effective handling of menstrual waste. The committee members, being the harbinger of change have enabled wider reach of the information among the community members for effective adoption of the method.

*"For the lack of better alternatives to dispose the sanitary pads, we used to throw the soiled pads in the open space. The situation had become so grim that we started spotting sanitary napkins lying uncovered on the ground. However, thankfully, on one of our WATSAN committee meetings, WASH Institute introduced us to a new concept of home made incinerators or earthen pots. We were also given proper demonstration on how to use it. The pots came with lids that took care of the odour."* Said Ms. Sarla, 26, member of WATSAN Committee.



## Media Coverage

During the financial year 2019-20, activities of WASH Institute was covered by various Print and Electronic media on various occasions such as school infrastructure inauguration, World Toilet Day celebration, World Water Day etc.



Makkal Kural Newspaper; Dt. 20<sup>th</sup> Dec. 2019



Daily Telugu Newspaper; Dt. 1<sup>st</sup> Mar. 2020



Andhra Jyoti Newspaper  
Dt. 12<sup>th</sup> Feb. 2020



Hint Newspaper  
Dt. 20<sup>th</sup> Nov. 2019



News 24  
Dt. 12<sup>th</sup> Sep. 2019



# Workshops and Conferences

WASH Institute's MTU was displayed at the **"National planning workshop on ODF plus and water conservation"** organized by Department of Drinking Water and Sanitation, Ministry of Jal Shakti. As part of the workshop, an exhibition was also held at ICAR Campus, Delhi, demonstrating various initiatives under ODF-Plus. The event was attended by Minister of State, Ministry of Jal Shakti, Shri Rattanlal Kataria, and Shri Parameswaran Iyer, Secretary, DDWS, Ministry of Jal Shakti.



WASH Institute participated in a **one-day National Workshop Cum Exhibition on Sustainable Sanitation** organized by the Ministry of Housing and Urban Affairs at Vigyan Bhawan in August 2019. It was organized as part of a yearlong celebration of Mahatma Gandhi's 150<sup>th</sup> birth anniversary. The Chief Guest of the event was Shri Thawar Chand Gehlot, Hon. Union Minister, Ministry of Social Justice and Empowerment. The focus of the workshop was to discuss social and legal issues as well as technological and managerial interventions with regard to human entry into sewers and septic tanks. Emergent sanitation issues such as, wastewater, faecal sludge, municipal solid waste management and storm water management including rainwater harvesting were also discussed. The event witnessed exhibition of MTU and release of SBM Directory that showcased the technologies available and manufacturers in India who are dealing in Sewer, faecal Septage & Drain Cleaning equipment etc. The SBM Directory was prepared in close coordination with the CPHEEO.



WASH Institute's MTU was exhibited at a **"One-day Regional workshop on Action plan for elimination of Manual Cleaning of sewers and Septic tanks"** The event was organized by the Ministry of Social Justice and Empowerment on 16th December 2019. The event was graced by Telangana state SC Development Minister Koppula Eshwar. The event emphasized on Prohibition of Employment as Manual Scavengers and their Rehabilitation Act 2013 (PEMSRA)

WASH Institute participated in the five-day **Water and Health Conference: Where Science Meets Policy**. The conference was organized by the **Water Institute at University of North Carolina**. The conference explored drinking water supply, sanitation, hygiene and water resources in both the developing and developed worlds with a strong public health emphasis. One of the innovations shared during the conference was the Mobile septage Treatment Unit (MTU) for onsite emptying and treatment of septage. Mr. Arumugam Kalimuthu, Program Director WASH Institute delivered a presentation on MTU before a packed audience comprising academicians, policy makers, and development practitioners from WASH sector.



Mr. Arumugam Kalimuthu, Program Director, WASH Institute represented the organization at the **ninth pre-budget consultation meeting with leading representatives from water and sanitation sectors**. The consultation meeting was held on December 2019, which was chaired by the Hon'ble Finance Minister Smt. Nirmala Seetharaman. The participants from leading national and international organizations apprised the Minister on the current situation, and challenges related to water and sanitation situation prevailing on the ground and provided suggestions towards relocation of adequate resources to the water & sanitation sector.



WASH Institute CPHEEO support staff participated in the **"7<sup>th</sup> International Workshop on Decentralized Domestic Wastewater Treatment in Asia"** co-sponsored by Ministry of the Environment Japan (MOEJ), Administration of Technical Infrastructure (ATI), Ministry of Construction (MOC) of Vietnam, and Vietnam Environment Administration (VEA), Ministry of Natural Resources (MONRE) of Vietnam held on 23-25 September 2019 in Hanoi, Vietnam.



# Awards and Recognitions

WASH Institute received recognitions in the form of prestigious awards at various well known and acclaimed platforms during the F.Y. year 2019-20 for its exemplary work in the field of Water, Sanitation and Hygiene.



WASH Institute received an invitation to display the Mobile Septage Treatment Unit at **Innovation & New Knowledge at INK@WASH** event in Hyderabad, organized by ASCI. The platform provided a unique opportunity to the organization to promote the innovation among national and international funders and Governments.



WASH Institute was awarded the **Best Practice Award 2020 at HCL Foundation Annual Partner Meet 2020**. The Award was presented by Ms. Roshni Nadar, Executive Director and CEO HCL Enterprises and Ms. Nidhi Pundhir, Director HCL Foundation.



In January 2020, WASH Institute received **the 5<sup>th</sup> Edition of India Industry Water Conclave and 7<sup>th</sup> Edition of FICCI Water Awards** under the category "Water Initiative by NGO". The award was presented by the Hon'ble Minister of Jal Shakti, Shri Gajendra Singh Shekhawat for WASH Institute's innovative onsite septage treatment technology, MTU.



# Financial Overview

Balance Sheet as on 31<sup>st</sup> March, 2020

Liabilities	Amount	Assets	Amount
<b>General Fund</b>	5,49,53,374.08	<b>Fixed Assets</b>	3,99,31,526.01
Fixed Assets Fund	3,99,31,525.69	<b>Current Assets</b>	
Restricted Fund	23,47,68,427.18	Advances, Security Deposits & TDS	27,25,577.00
Designated Fund	72,36,955.00	Consultancy Fees Receivable	2,16,459.00
Loan from Canara Bank for Car	4,30,500.00	Fee Receivable 2019-20	7,00,500.00
Current Liabilities & Deposits	1,06,49,435.00	<b>Cash &amp; Bank Balances</b>	30,48,22,165.94
Statutory Dues	4,26,011.00		
<b>Grand Total</b>	<b>34,83,96,227.95</b>	<b>Grand Total</b>	<b>34,83,96,227.95</b>

Income & Expenditure for period ended on 31<sup>st</sup> March, 2020

Expenditure	Amount	Income	Amount
To Expenditure out of Restricted Grant	51,79,17,953.70	By Grant Received	51,79,17,953.70
To Expenditure out of General Fund	1,35,95,327.27	By Bank Interest	39,20,514.00
To Expenditure for Formal Course Centre	31,76,654.00	By Other Income	52,29,496.00
To Restricted Fund Balances Written Off	2,15,000.00	By Sundry Balance Written Back	3,480.00
To Depreciation	30,89,896.94	By Excess of Expenditure over Income	1,09,23,388.21
<b>Grand Total</b>	<b>53,79,94,831.91</b>	<b>Grand Total</b>	<b>53,79,94,831.91</b>

Receipts & Payments for period ended on 31<sup>st</sup> March, 2020

Receipts	Amount	Payments	Amount
To Opening Balance	25,04,93,719.33	By Payments out of Restricted Fund	50,95,43,731.70
To Grant Received	58,60,54,249.42	By Payments out of General Fund	3,59,37,483.27
To Bank Interest	1,49,36,256.00	By Expenses of Formal Course Centre	31,67,204.00
To Other Income	42,88,361.00	By Expenses out of Designated Fund	50,27,807.00
To Receipt for Designated Fund	1,05,26,995.00	By Other Payments	93,20,723.84
To Other Receipts	14,14,595.00	By Closing Balance	30,48,22,165.94
To outstanding consultancy fee of last year Received (FY 2018-19)	1,04,940.00		
<b>Grand Total</b>	<b>86,78,19,115.75</b>	<b>Grand Total</b>	<b>86,78,19,115.75</b>

## Our Partners

WASH Institute received exemplary support from all its National & International partners. The partners not only aided through financial contribution, but also helped in setting the project direction, and gave vital inputs and support during the project planning & implementation. WASH Institute is grateful for the support received from all its partners and expresses its heartfelt appreciation and regard for their continuous support, cooperation and valuable inputs received during all stages of its respective projects.

### International Donors

**BILL & MELINDA  
GATES foundation**



### National Donors







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BRIDGING THE KNOWLEDGE GAP FOR SUSTAINABLE COMMUNITY BASED SOLUTION

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