

GLOBAL JOURNAL OF ENGINEERING SCIENCE AND RESEARCHES A MIRACLE OF HYGIENE AND SANITATION- CLEAN INDIA MOVEMENT

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ABSTRACT

India facing economic loss because of poor hygiene and sanitation in the country. Nearly 60 per cent of Indian population clears their bowels in the open. India loses at least 1000 children a day to diarrhoeal deaths and the reason for these deaths is open defecation and lack of proper sanitation facilities. Rashtrapita Mahatma Gandhi was wary of the poor position of Indian rural citizens at the time of independence that time and he dreamt of a cleaner India, where he emphasized on hygiene and sanitation as an in one piece function of surviving. Former President of India, Pranab Mukherjee also, said, “For ensuring hygiene, waste management and sanitation across the nation a “Swachh Bharat Mission” will be established in few years years . This will be our tribute to Mahatma Gandhi on his 150th birth anniversary to be celebrated in the year 2019”. For the purpose of solving sanitation problem in India and to solve the problem of waste management and make India a clean state, ensuring hygiene all across the nation. The Narendra Modi Government started “Swachh Bharat mission. The Prime Minister also said that this trend is linked with the economic activity of the state. The government has promised “total sanitation” by 2019, which means every household in India will have a toilet by the targeted deadline. This missionary was launched on October 2, 2014.

Keywords: *Swachh Bharat mission, hygiene, sanitation, waste management, clean India.*

I. INTRODUCTION

Prime Minister of India, Narendra Modi launched the Swachh Bharat Abhiyan or Clean India Mission on the birth anniversary of Mahatma Gandhi on October 2, 2014 at Rajghat in New Delhi. The Swachh Bharat Abhiyan is the most significant cleanliness campaign by the Government of India. Shri Narendra Modi led a cleanliness pledge at India Gate, which about thirty lakh government employees across the country joined. He also flagged off a walkathon at Rajpath and surprised people by joining in not just for a token few steps, but marching with the participants for a long way. Our country have more population so the wastage also increases so the cleaners are wants to increase to clean the environment. but the workers population is low so we wants to clean our surroundings it make others to clean then the india will became a clean india then also we wants to plant more saplings and grew it for 5 years then india became Clean and green.

II. CLEAN INDIA NEEDS AND OBJECTIVES

Prime Minister Narendra Modi launched the Swachh Bharat Abhiyan with the objcet of quick started the plans to build toilets and provide sanitation facilities across the country. Under “Swachh Bharat Abhiyan”, the government has promised “total sanitation” by 2019, which means every household in India will have a toilet by the targeted deadline. So let us take a look at why is this Clean India mission the need at the moment:

Sanitation for all toilet first

- A UN report in May had said that currently, nearly 60 percent of India’s population practice open defecation which puts them at risk of diseases like cholera, diarrhoea, typhoid etc.
- Not only this, India also face economic loss because of poor hygiene and sanitation in the country as a World Bank report in 2006 said that India losses 6.4 percent of GDP annually because of the aforementioned reason.

- Reports say that India is a gold medalist in open defecation and nearly 60 per cent of Indian population clear their bowels in the open. This 60 percent is roughly 58% of the people who practise open defecation all over the world.
- India loses at least 1000 children a day to diarrhoeal deaths and the reason for these deaths is open defecation and lack of proper sanitation facilities.
- As per reports, water of river Ganga is unsafe for bathing because it contains faecal coliform bacteria (120 times higher than the permitted levels) in large amounts and again the reason is open defecation in our country.
- Poor hygiene and sanitation facilities costs India 600,000 lives annually because of diarrhea and not only this, lack of toilets also expose one third of country's women to the risk of rape or sexual assault.
- India accounts for about 60 percent of the world's residents without toilets, according to a report released in May by the World Health Organization and Unicef.
- Swachh Bharat's connection with economic activity of the country : Advocating the idea of Clean india, Prime Minister Narendra Modi had said, "The pursuit of cleanliness can be an economic activity, contributing to GDP growth, reduction in healthcare costs, and a source of employment."
- If India and its tourist destinations are clean, it will bring more people and will also bring about a paradigm shift in the country's global perception. If proper hygiene and sanitation will not become a practise in our country then no one will be able to save the country from the health hazards and losses that will loom over the Indian populace in near future. So, let's make Swachh Bharat a mass movement and save our country from all the dangers.

Steps that will make "clean india" (swachh bharat)

November 30, 2016: We never back down from boasting about our well-kept houses but somehow we always fail miserably from keeping our environment clean. Today, the cleanliness of our country is one of the most concerning issues. The roads are always filthy and the rivers which are religiously pious and pure have been rendered poisonous. It is the duty of the municipal corporation to maintain the cleanliness of the cities but it is also our social responsibility too. It is true that we need to be the change that we want to see around us. There are a million approaches to this problem, but here are a few steps which can help us embark on the journey towards a Swachh Bharat.

1. Environmental awareness and plantations For Swachh Bharat

Every educational institution must educate the society about the importance of the environment in today's world. Everyone should be taught how to keep their environment clean and maintain proper hygiene. Deforestation is one of the major reasons of pollution today and therefore, more tree plantations should be encouraged.

2. Appropriate disposal of garbage For Swachh Bharat

Call it negligence or laziness but we keep disposing our garbage at the spot we are on the streets. We need to stop this littering and keep the streets, woods, water bodies and our surroundings clean. Make it a habit to properly dispose the garbage into dustbins and also encourage others to do it.

3. Sorting your garbage For Swachh Bharat

We think that the sorting different types of garbage are a tedious task. On the contrary, it actually is the most effective way of garbage disposal. All we need to do is sort our dustbins into two categories, biodegradable and non-biodegradable and dump the waste accordingly. We can help others around to implement this too. By doing this we can reuse certain non-biodegradable waste or dispose of it safely to prevent soil pollution.

4. Hygiene

The spreading of diseases can be reduced if we maintain hygiene both indoors and outdoors it, in turn, helps in destroying the breeding spots for mosquitoes, rats, and many other pathogen carriers. "Diarrhea is a leading killer of children, accounting for 9 percent of all deaths among children under age 5 worldwide," says UNICEF according to Make a Change. Dirty hands are one of the main reasons for the spread of diseases and everyone should clean their hands properly especially before eating.

5. Reusing and Recycling

Reusing and recycling are two huge leaps towards a clean environment. We need to find alternative uses for old and redundant objects. We also need to recycle objects which cannot be disposed of so that it does not affect the surroundings in any way.

6. Say NO to plastic For A Swachh Bharat

Plastic is poisonous for our environment. Being non-biodegradable it does not break down in the soil and hence, needs to be disposed of properly. If ingested, it can kill animals and also poisons our food if not disposed of properly. Therefore, we need to cut down the usage of plastic bags and always dispose of them in dustbins.

7. Consume what you need

Things we need and we want are different. The question is not how much can you pay for what you consume but how much is left over on this planet for an individual and how much can be consumed. Extreme exploitation of resources will lead to their depletion. Hence, we need to consider the planet's future and make our decisions.

8. Water care

Water is the most valuable resource on this planet and sustains all life on Earth. The per capita availability has been on the decline in India. The rise in the population and the depletion of potable water due to pollution are the biggest reasons for the decline. Rainwater harvesting is the best way of making water available in the surroundings as water is the driving force of life, agriculture and many industries. Another option to reduce water consumption and wastage are to recycle using appropriate water treatment.

9. Reduce carbon footprints

Carbon Footprint is the total amount of greenhouse gasses released into the atmosphere as a result of the actions of an individual, organization or community. We need to use energy efficient products and limit the usage of air conditioners, water heaters, dishwashers or thermostats. We need to keep our carbon footprints in control to control the greenhouse effect.

10. Air pollution

Burning garbage might seem like an easy way to dispose garbage but we fail to realize that we release a lot of toxins into the air surrounding us. Some vehicles which have not been serviced regularly and properly also burns a lot of fuel and results in air pollution. Using public transport reduces the number of vehicles on the roads and hence, decreases air pollution. We need to implement this in our daily life and make it a part of our routine. Only by doing so we will be able to keep our country clean otherwise, we will be leading to an environmental dystopia.

Swachh bharat/clean india run

On 2 October 2014 a Swachh Bharat Run was organized at the Rashtrapati Bhavan. As per the announcement from the Rashtrapati Bhavan around 1500 people participated and the event was flagged off by President Pranab3231. Swachh Bharat/Clean India Run On 2 October 2014 a Swachh Bharat Run was organized at the Rashtrapati Bhavan. As per the announcement from the Rashtrapati Bhavan around 1500 people participated and the event was flagged off by President Pranab.

1. Swachh Bharat/Clean India Apps-

To support the mission using mobile technologies Appdance sucks developers came up with ideas. The Times of India published an article on how “Desi companies beat Facebook in ‘Swachh’ apps race”. It seems like Facebook CEO Mark Zuckerberg may have reach out to help the government create a “Swachh Bharat” or “CleanIndia” app but local talents had already been ready with their apps and beat him. One of among these apps is “iClean India—Swachh Bharat” on android play store, by a Delhi-based startup Social Cops. This app has an operational linkage with the Bangalore municipal corporation. These can then be used to invit. The Swachha Bharat campaign was launched by Prime Minister Narendra Modi on Gandhi Jayanti. Sincethen many eminent personalities like Salman Khan, Anil Ambani, and Omar Abdullah have taken up the task and many have posted pictures of themselves cleaning up their neighborhoods. (india.gov.in)

2. Synchronized Monitoring

The toilets constructed under the Swachh Bharat Abhiyan will be monitor countrywide by government with areal-time monitoring system. This has already created an awareness among people by the government of Indiathrough a quite good advertisements. Moreover, this system will help government aims to attain a 100% opede fecation free India by 2019. an association of Indo Nepal Doctors has launched Swachhta abhiyan in Nepal on 3rd January, 2015 after getting inspired from the Prime Minister of India. Swachh Bharat Nepal Abhiyan was launched at the Indo-Nepali border

The clean india campaign

As many as 49.62 million more households in India have toilets—rising from 38.7% in 2014 to 69.04% in 2017—and 250,000 of India’s 649,481 villages have been declared free of open defecation, but the claims of 150,000 (63%) of these villages have not been verified and there is no way of knowing if the rest are using the new toilets. These are the conclusions of an India spend analysis of government data for the Swachh Bharat Abhiyan, also called Clean India Mission. The mission was inaugurated by Prime Minister Narendra Modi on October 2, 2014. The main objective of this movement is to make India free of open defecation by October 2, 2019.

The World Bank has termed the scheme’s implementation as “moderately unsatisfactory” However, in the month of August, 2017 a Survey was conducted by an autonomous government body—Swachh Sarvekshan 2017. It has been found by thhe survey that, nine in 10 (91.29%) rural households having access to a toilet are using it.

Toilets for the self-respect of our mothers and sisters

It was on August 15, 2014, during his Independence Day speech, that Prime Minister Narendra Modi launched the Swachh Bharat Mission (SBM), with these words: “Brother and Sisters, we are living in 21st century. Has it ever pained us that our mothers and sisters have to defecate in open? Whether dignity of women is not our collective responsibility? The poor womenfolk of the village wait for the night; until darkness descends, they can’t go out to defecate. What bodily torture they must be feeling, how many diseases that act might engender. Can’t we just make arrangements for toilets for the self-respect of our Mothers and Sisters?”

The mission is divided into two components: Gramin (rural) and urban (Shahari)

Swachh Bharat Mission-Gramin: 38.70% of Rural households had individual household latrines (IHHL) on October 2, 2014, the day SBM was launched. 249,811 villages were open-defecation free (ODF) in 2017, of which 63% (157,935) were verified officially; 207 districts are ODF, of which 62% (127) were verified officially.

It is an ambitious project of our Prime Minister Narendra Modi to promote sanitation and hygiene across the country called ‘Swachh Bharat Abhiyan’ has had its first brush with success. According to a Survey, the findings of which have been shared exclusively with TOI, this has resulted in an 11% increase in school attendance in the past one year. PM Modi’s speech on August 15 last year had brought up the grave issue of toilets, and the need to end open defecation in the country. This led to a surge in efforts by India Inc, NGOs and various ministries to provide toilets and other basic sanitation facilities. of the 4,17,796 toilets that the Swachh Vidyalaya programme aimed to build in a year, over 98% have been completed.

Swachh bharat drive to himalayas

In his speech last year, Modi had thought, “I want to make a beginning today itself, and that is — all schools in the country must have separate toilets for girls. only then will our daughters not be compelled to leave school midway. Completion of tiolets should be finished within one year with the help of State governments, and on the next August 15, we should be in a firm position to announce that there is no school in India without separate toilets for boys and girls.”

Strategic philanthropy foundation Dasra says that 23.10% of girls drop out of school once they reach puberty, while those that remain miss an average of five days of school a month during menstruation. India is said to lose 6.41% of its GDP (\$53 billion) every year due to lack of toilets and sanitation in schools.

Government plans to give legal teeth to 'swachh bharat abhiyan'

While offering subsidies, Modi called for corporate entities and private sector to bring in their resources and expertise in managing large-scale projects, while maximizing impact and efficiency. The government offered Rs.15,000 for an individual toilet, Rs 20,000 for every Aangan wadi toilet and Rs 54,000 for a school toilet complex. Dasra identified six innovative organizations working to improve sanitation infrastructure in schools— Gramalaya, Nidan, Sulabh International, UMC, Vatsalya and Water for People. This is only the beginning. Many more success stories will come up during the coming years on the Swachh Bharat abhiyan.

Bharat Abhiyaan (Clean India Mission) Total budget – Rs. 60,000cr per year. 68% of rural households have no toilets. 78% sewage dumped in rivers. 6000 tonnes of plastic waste littered daily. 068.8mn tonnes of waste per year. 41mn missing toilets. 597mn (approx. 600mn) defecating in the open. Even poorer countries fare better. Lack of sanitation is costing India 6.4% GDP. Good sanitation could boost annual per capita income by Rs. 6000 a year. Yet we spend 260 times more on food than sanitation.

III. CONCLUSION

Swachh Bharat abhiyan was mission / initiative takes up by the PM of India, Mr. Narendra Modi. This mission was to clean India and remove its dirt and dust. India at that time became very much unhygienic and garbage was thrown here and there by people. So, this mission was a need for this country. Its conclusion was that - due to this people understood the importance of hygiene. Now its quite better and I hope that it will become much better in the coming days. It's really a good theme and now we can see so many posters and pamphlets for this. Awareness campaigns r taking place and people understand its importance.

REFERENCES

- [1] Munier, N. (2005) *Road to a Better Future: Introduction to Sustainability*.
- [2] Rukmini, S. (2014) *The Hindu*. Modi Launches "My Clean India" Campaign.
- [3] Coates, S. and Dulk, D.C. (2014) *Elsevier Connect*. Making a Stink: @UNICEF India Seeks to End Open Defecation
- [4] (2009) *Earth 911. Trash Planet: India*. <http://www.earth911.com/earth-watch/trash-planet-india/>
- [5] Singh, K. *How to Make Your Garbage Green in Two Easy Steps*. *The CSR Journal*.
- [6] *The State of the World Cities Report*. 2006-2007.
- [7] *Clean India Journal, I Pledge*. <http://www.cleanindiajournal.com/i-pledge/>
- [8] Phukan, S.R. (2014) *Swachh Bharat Abhiyan: Making India Clean & More*.
- [9] Sharma, Y. (2015) *Swachh Bharat Abhiyaan: Government Builds 7.1 Lakh Toilets in January*.
- [10] Abhiyaan, S.B. *Ek Kadam Swachhata Ki Ore*.
- [11] *Clean India Journal, Creating Cleanliness*. <http://www.cleanindiajournal.com/creating-cleanliness/>
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- [12] A. Nayak http://articles.economictimes.indiatimes.com/2015-02-17/news/59232518_1_india-open-defecation-swachh-bharat-abh
- [13] <http://india.gov.in/spotlight/swachh-bharat-abhiyaan-ek-kadam-swachhata-ki-ore>
- [14] <http://thecsrjournal.in/how-to-make-your-garbage-green-in-two-easy-steps/>
- [15] <http://www.mapsofindia.com/my-india/society/swachh-bharat-abhiyan-making-india-clean-more>
- [16] <http://www.thehindu.com/news/national/modi-launches-my-clean-india-campaign/article6468047.ece>
- [17] https://sustainabledevelopment.un.org/content/documents/11292101_alt.pdf.