

SWACHHATA PAKHWADA- 2019

Swachhata Pakhwada started in April 2016 with the objective of bringing a fortnight of intense focus on the issues and practices of Swachhata by engaging GOI Ministries/Departments in their jurisdictions. An annual calendar is pre-circulated among the Ministries to help them plan for the Pakhwada activities. The Ministries observing Swachhata Pakhwada are monitored closely using online monitoring system of Swachhata Samiksha where action plans, images, videos related to Swachhata activities are uploaded and shared. Observing Swachhata Pakhwada, Ministries/ Departments announce their achievements through a press conference and other communication tools. For the Pakhwada fortnight, observing ministries are considered as Swachhata Ministries and are expected to bring qualitative Swachhata improvements in their jurisdictions.

Swachhtha pakhwada programme was conducted by department of environmental engineering on 5th September 2019. **Swachhta Pakhwada 2019** competitions were held in college Auditorium on 5th **Sep 2019** with number of activities organized for students, which includes: Awareness programme held at 10.30AM near nescafe by conducting games to students, Essay Writing, Treasure Hunt, Debate and Brain Storming held between 2.30 PM – 5.30 PM in the campus and more than 50 entries were registered and participated in the events.

The main objective of the programme was to create awareness about water conservation and single use plastic ban. The programme began with a few fun activities like heads-up, merry-go-round, and minute to win it that were done in order to create awareness and attract the crowd with an aim to promote swachhta pakhwada.



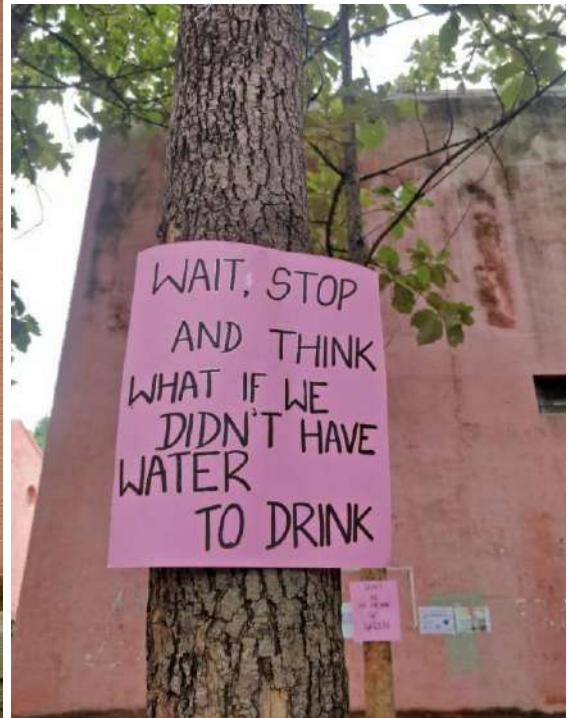
Brochure

Invited Talk organized for 7th semester students on **“Water Conservation and its Importance”** under **Swachhta Pakhwada 2019** held in the department of the **Environmental Engineering** on **5th September 2019**.

The topics covered: Introduction to Water Resources, Percent of water utilized for various sectors, Depletion of water bodies, Conservation methods adopted, NGOs working for water Conservation in villages and Cities.



Invited Talk on Water Conservation by Dr. P M Kulkarni



The main event began in the afternoon at the SJCE auditorium. Dr. Udayashankara. T.H, Head of Department of Environmental Engineering and Dr. Sadashivamurthy.B.M were invited as chief guests for the programme. Dr. D Ishtalinga Murthy, Professor and Mrs. Parinitha T Niranjan, Assistant Professor were the coordinators for the events.

The session began with an introduction to sawchhta pakhwada and an inspiring speech was delivered by our beloved HOD.

Participants were given time to prepare for speak out event and the topics included:

- (I) Swaccha Bharath Mission- a success or a failure?
- (II) More land should be dedicated to national parks
- (III) Conservation of the environment and development cannot go hand in hand.

The participants took part in the event with enthusiasm and put forth their views and opinions being for and against the given topics. The winners list was announced and winners were given various prizes such as seed pencils, saplings and food coupons were distributed. The essay writing competition included topics like climate change- the greatest threat in human history and battling carbon footprint. All the participants were made to gather in the auditorium where participation certificates were distributed and the programme concluded with a vote of thanks delivered by the volunteer. As a concluding event, treasure hunt was organized where the participants were given clues that were interlinked with the nature. The winner was given a prize money that was handed over to them by Dr. M Mahadevaswamy.



Prize winners of Debate competition



Debate Competition



Prize winners of Treasure Hunt

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JSS Science And Technology University
(Established Under JSS Science and Technology University Act No. 43 of 2013)
(Formerly Known as SJCE)



Essay writing competition



Treasure Hunt Event

On behalf of **Swachhta Pakhwada 2019**, a **village visit** were organized, students and faculties visited **Channananjayana hundi village**, adopted by JSS STU and held a awareness programme for village people by making posters, surveying questions and interacting with school children's and collected water samples from the village for water analysis and to know the quality of water being used.



On the occasion of Swachhata pakhwada the students from Department of Environmental Engineering 3rd and 7th semester along with some faculty members of JSS Science and Technological Institute (Mysore), visited a small village named Chennanjayanundi, (situated near Nanjangud) to create awareness amongst the villagers on water conservation and ban on single use plastic. Swachhata pakhwada started in April 2016 with the objective of bringing a fortnight of intense focus on the issues and practices of Swachhata by engaging GOI ministries or departments in their jurisdictions. An annual calendar is pre-circulated among the ministries to help them plan for the Pakhwada activities. The ministries observing swachhata pakhwada are monitored closely using online monitoring system of Swachhata Samiksha where action plans, images, videos related to Swachhata activities are uploaded and shared. After observing the Swachhata Pakhwada, the departments or ministries announce their achievements through a press conference and other communication tools.

The main objective of this is to create awareness on issues of cleanliness, sanitation or related topics amongst the citizens in rural background and to initiate qualitative swachhta improvements in their respective jurisdictions. The village, which was recently adopted by JSS has a small government school where all the students and the elders of the village gathered to attend the event. The event mainly included the following things - firstly, creating awareness amongst the villagers to conserve water, explaining the different and simplistic methods of conserving water and the importance of drinking clean and purified water were also discussed. Secondly, they were explained about the harmful effects of plastic usage, and the importance of using eco-friendly and sustainable cloth, jute or paper bags which are the best replacement for plastic bags and were encouraged to use these instead of the plastics.

Lastly , a small speech was given so as to why it is of utmost significance for us to maintain a clean and hygienic surrounding and what are the different methods that are proposed to do the same. The students, hardly 15 to 20 in number, were from different age groups, ranging from 1st grade to 7th grade in the government school. All the students were interactive and participative throughout the session. Attractive posters with printed slogans were shown and explained to the students during the session. The village elders and the faculty members also spoke on the topic sharing their valuable wisdom to the group of youngsters. Towards the end of the session, the students of the school were gifted some sports equipment and the posters regarding ban on plastic usage and water conservation.

After the session, as the faculty members engaged in a conversation with the elders of the village, we, the students collected some data from nearby residents. The survey was restricted to just a selected number of houses due to the time crunch, and they were asked a set of simple questions - for example, what are their waste disposal techniques, do they segregate their waste into dry waste and wet waste, once the waste is collected where do they dump it, where is the nearby landfill and so on. According to the survey conducted these were the following conclusions drawn - the villagers do segregate their wet waste and dry waste most of the times. The wet waste, which is generally the organic waste from the kitchen, is used as manure for the plants. The dry waste which is collected individually by the households is disposed off to the nearby landfill in the outskirts of the village. The survey was also conducted on the availability of water - where they were asked about the source and the frequent supply of water. According to the survey, there has been a frequent and consistent supply of clean water from the past couple of months and the water for the entire village is supplied by a water tank.

An eventful day with a group of energetic youngsters who created awareness amongst a group of villagers , comprising of both youngsters and elders, thus taking a small step which will eventually lead to a milestone of success - of not just dreaming about a cleaner , better and healthier India , but also living and achieving that dream.



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**Students interacting with people regarding water conservation awareness
and ban of plastic use**

SWACHHATA HI SEVA
“PLASTIC WASTE FREE CAMPAIGN”

*On the occasion of **Swachhata Hi Seva**, the “**PLASTIC WASTE FREE CAMPAIGN**” has been conducted in the department of Environmental Engineering to create awareness among the students to stop the use of single use plastics.*

Swachhata mission is the programme which includes elimination of open defecation, conversion of unsanitary toilets to pour flush toilets, eradication of manual scavenging, municipal solid waste management and bringing about a behavioural change in people regarding healthy sanitation practices. It is the most significant cleanliness campaign initiated by the Government of India. By inviting people to participate in the drive, the **Swachhata Abhiyaan** has turned into a National Movement. A sense of responsibility has been evoked among the people through the Clean India Movement.

Five years ago, the Prime Minister made a clarion call for **Swachh Bharat**, which started a Jan Andolan like no other. The launch of the Swachh Bharat Mission on 2nd October 2014 has transformed rural sanitation coverage from 39% in 2014 to almost 100% as of September 2019. India is on the verge of becoming Open Defecation Free by 2nd October 2019, a befitting tribute to Mahatma Gandhi on his 150th birth anniversary. This Independence Day, the Prime Minister made another clarion call to the nation - to achieve a plastic waste free India.

Swachhata Hi Seva (SHS) 2019, a Jan Andolan for Swachhata, is proposed to be organised from 11th September to 2nd October 2019. It is the Massive community mobilization for Plastic Waste Shramdaan and banning of Single Use Plastics (SUPs). This year's campaign will be focused on **Plastic Waste Management**, given the detrimental effect of uncollected plastic waste on human beings, animals and the environment at large.

From 3rd October till 27th October (Diwali), the collected plastic waste will then be effectively recycled and disposed. All Central and State Governments are being encouraged to ban the use of Single Use Plastic (SUP) products during the campaign period.

India's Plastic Waste Problem



India generates

95 lakh tonnes of plastic waste per annum

38 lakh tonnes is uncollected (mainly SUP*) which ends up in dumps, rivers and even our animals

Ganga and Brahmaputra are among the 10 most plastic polluted rivers in the world

* Single Use Plastic
Source: Central Pollution Control Board

All this plastic comes back to each one of us



6,00,000 tonnes enters sea annually in India



Micro plastic particles are found in bottled water, table salt



Open burning of plastic waste causes respiratory ailments

Plastic consumption is expected to double by 2022, significantly increasing the waste

स्वच्छता ही सेवा (SHS) 2019

Massive community mobilization for Plastic Waste Shramdaan and curbing of Single Use Plastic (SUPs)

SUPs, also often referred to as disposable plastics (use-and-throw items), are commonly used for plastic packaging and include items intended to be used only once, before they are thrown away or recycled. These products may include:



Plastic carry bags



Plastic cutlery including plates, plastic cups, straws, etc.



Cutlery and other decorative items made from Styrofoam (Thermocol)



Swachhata Hi Seva (SHS) 2019 was conducted by **department of Environmental Engineering** and various competitions were held in college Auditorium on **25th October 2019** with number of activities organized for students, which includes: Awareness programme held at 10.30AM near nescafe by conducting games to students, Debate, Poster making and Best out of waste held between 2.30 PM – 5.30 PM in the campus and more than 30 entries were registered and participated in the events. The main objective of the programme was to create awareness about ban of single use plastics and its effects.

Department of Environmental Engineering from **JSS Science and Technology University** has conducted various events (technical and non-technical) which depicts on plastic pollution and its effects. The events conducted in the college campus for all the branches are as follows:

1. Technical Talk (Special Lecture)
2. Debate competition
3. Poster Making
4. Best out of waste.



Brochure

1. Technical Talk (Special Lecture)

Invited Talk was organized for 3rd semester students on “**Plastic Waste Management**” under **Swachhata Hi Seva (SHS) 2019** held in the department of the **Environmental Engineering** on **12th October 2019**. The topics covered: Components of Swachh Bharat Mission, Importance of [Swachhata Hi Seva](#), Waste Composition in Mysuru City, [Waste Management Rules](#), Information Education Communication (IEC) and Green Initiatives. **Mr. Madhukar, Assistant Environmental Engineer, MCC** addressed the students regarding the talk.



Invited Talk on Plastic Manangement by Mr. Madhukar

2. Debate Competition

The participants took part in the event with enthusiasm and put forth their views and opinions on the theme given to the students. The students from various branches participated in the competition and the winners list was announced and were given prizes such as seed pencils, cash prize and food coupons.

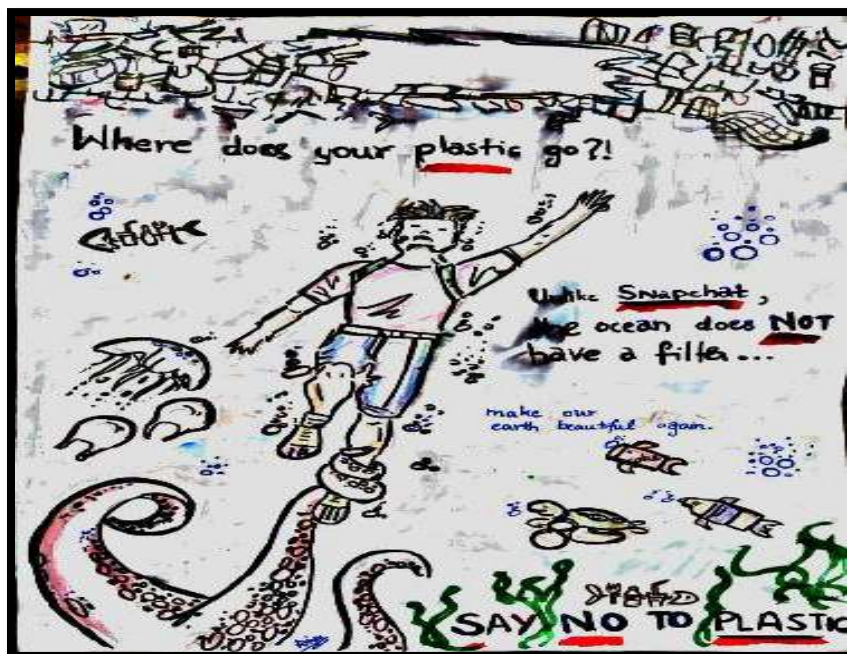
Topic: “Ban on single use plastic” – Is it practically achievable?



2. Poster Making

The students from various branches participated in the competition and the winners list was announced and were given prizes such as seed pencils, cash prize and food coupons.

Topic: "Plastic Pollution"



3. Best out of Waste

The students from various branches participated in the competition and the winners list was announced and were given prizes such as seed pencils, cash prize and food coupons.

Topic: “Beat the Plastic”



The winners are awarded with the cash prizes and participation certificates

