

Report

on

“SWACHHTA PAKHWADA- 2020”

स्वच्छता पखवाड़ा
Swachhta Pakhwada



TABLE OF CONTENTS

SI. No.	List of Events
1	Swachhta Pledge
2	Plogging event
3	Plantation of Saplings
4	Development and presentation of innovative technologies for waste recycling, energy conservation etc.
5	Competitions regarding swachhta – speech, poster making, slogan writing
6	Competition regarding water conservation – speech, poster making, slogan writing
7	Talk show on Swachhta
8	Competitions regarding Forest conservation – speech, poster making, slogan writing
9	Cleanliness drive in hostels with active participation of students and hostel staff
10	Competition on “Best out of waste”
11	Organize special drive on Water conservation, check wastage of water and take appropriate measures to rectify
12	Village activity – awareness on ban of single use plastic

“SWACHHTA PAKHWADA - 2020”

The **Swachh Bharat Abhiyan**, launched on 02.10.2014 across the country as a national movement, is the most significant cleanliness campaign by the Government of India. According to the Government, a clean India would be the best tribute India could pay to Mahatma Gandhi on his 150th birth anniversary in 2019. By inviting people to participate in the drive, the Swachhta Abhiyan has turned into a National Movement. A sense of responsibility has been evoked among the people through the Clean India Movement. With citizens are now becoming active participants in cleanliness activities across the nation, the dream of a ‘Clean India’ once seen by Mahatma Gandhi has begun to get a shape. People from different sections of the society, NGOs etc. have come forward and joined this mass movement of cleanliness.

Swachhta 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 **Swachhta Abhiyaan** has turned into a National Movement. A sense of responsibility has been evoked among the people through the Clean India Movement. A sense of responsibility has been evoked among the people through the Clean India Movement. With citizens now becoming active participants in cleanliness activities across the nation, the dream of a ‘Clean India’ once seen by Mahatma Gandhi has begun to get a shape.



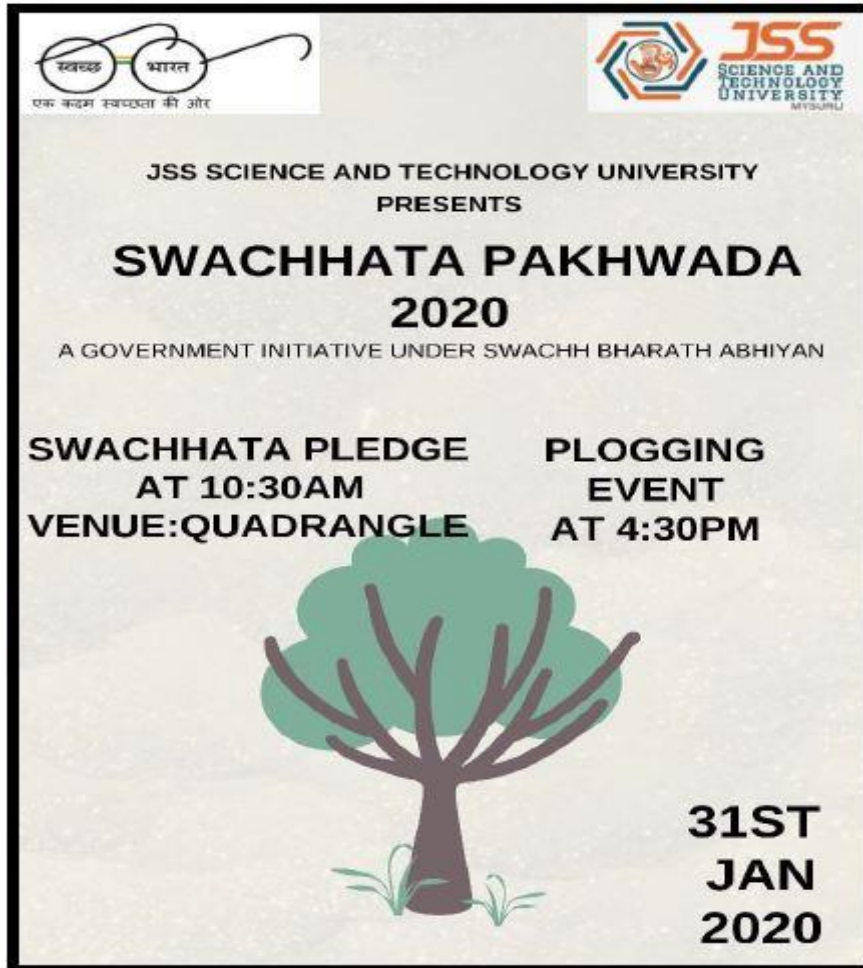
Five years ago, the Prime Minister made a clarion call for Swachh Bharat, which started Jan Andolan like no other. The launch of the Swachh Bharat Mission on 2nd October 2014 has transformed rural sanitation coverage from 39% in 2014 to almost 100% as of September 2019. India is on the verge of becoming 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.

Swachhta Pakhwada started in April 2016 with the objective of bringing a fortnight of intense focus on the issues and practices of Swachhta 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 Swachhta Pakhwada are monitored closely using online monitoring system of Swachhta Samiksha where action plans, images, videos related to Swachhta activities are uploaded and shared. Observing Swachhta Pakhwada, Ministries/ Departments announce their achievements through a press conference and other communication tools. For the Pakhwada fortnight, observing ministries are considered as Swachhta Ministries and are expected to bring qualitative Swachhta improvements in their jurisdictions.



“Swachhhta Pakhwada”

Swachh Bharat Abhiyan has become a ‘Jan Andolan’ receiving tremendous support from the people. Swachh Bharat Abhiyan is one of the most significant and popular missions to have taken place in India. It translates to Clean India Mission. This drive was formulated to cover all the cities and towns of India to make them clean. Responding to the Nation’s call by the Prime Minister Narendra Modi, **JSS SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU** has taken the lead in launching the “**Swachhhta Pakhwada 2020**” in the campus. Swachhhta pakhwada 2020 programme was conducted by Department of Environmental Engineering to the entire campus on 31st January 2020 by conducting **Swachhhta Pledge** and **Plogging** event in the campus. The main objective of the programme was to create awareness about plastic wastes, its impacts and cleanliness in and around the campus. Swachhhta Pakhwada serves in connecting people to the nature and enhancing those actions that make our country a better place.



“Swachhta Pakhwada 2020”

Swachhta Pledge

Prime Minister Shri Narendra Modi exhorted people to fulfil Mahatma Gandhi's vision of Clean India. The 'Swachh Bharat Abhiyan' is a massive mass movement that seeks to create a Clean India. Cleanliness was very close to Mahatma Gandhi's heart. A clean India is the best tribute we can pay to Bapu when we celebrate his 150th birth anniversary in 2019. Mahatma Gandhi devoted his life so that India attains 'Swarajya'. Now the time has come to devote ourselves towards 'Swachhta' (cleanliness) of our motherland.



एक कदम स्वच्छता की ओर

Swachhta Pledge

Mahatma Gandhi had dreamed of an India which was not only free but also free clean and developed.

Mahatma Gandhi secured freedom for Mother India.

Now it is our duty to serve Mother India by keeping the country neat and clean.

I take this pledge that I will remain committed towards cleanliness and devote time for this.

I will devote 100 hours per year that is two hours per week to voluntary work for cleanliness.

I will neither litter nor let others to litter.

I will initiate the quest for cleanliness with myself, my family, my locality, my village and workplace.

I believe that the countries of the world that appear clean are so because their citizens don't indulge in littering nor do they allow it to happen.

With this firm belief, I will propagate the message of Swachh Bharat Mission in villages and towns.

I will encourage 100 other person to take this pledge which I am taking today.

I will endeavour to make them devote their 100 hours of cleanliness.

I am confident that every step I take towards cleanliness will help make my country clean.

Pledge to Segregate

I pledge to segregate my (household, shop, establishment) waste in two dustbins, wet waste in Green and dry waste in Blue, as my contribution to the Swachh Bharat Mission.



The main event- Swachhta Pledge were conducted in campus on 31/01/2020, administered Swachhta Pledge by all Heads of Department, faculty members, students and inaugurated Swachhta Pakhwada-2020 programme. The session began with an introduction to Swachhta Pakhwada, its importance, role of citizens and oath taking was delivered to all the participants. Oath was taken to maintain cleanliness all around and to achieve the objective of attaining a clean country and a clean world. These initiatives will encourage the participants to develop a sense of responsibility in cleaning and protecting the environment for the betterment of society. Later on, Plogging event took place in the campus, which ensures initiative of Swachhta Pakhwada as part of drive against single use plastic and all the faculty members and students took part in the event and programme created mass involvement for environmental protection.



Pictures of Swachhta Pledge Oath taking



Pictures of Oath taking by Faculty members and students



**Swachhta Pledge being administered at JSS SCIENCE AND TECHNOLOGY
UNIVERSITY, MYSURU on 31/01/2020**



‘Plogging’, new way of cleanliness:

Plogging is a combination of jogging while at the same time picking up litter in the surrounding. It started as an organized activity in Sweden around 2016 and spread to other countries in 2018, following increased concern about plastic pollution. Since Prime Minister Narendra Modi was filmed plogging at Tamil Nadu's Mamallapuram beach in October, public figures and institutions have joined the drive throughout India.

The aim is to raise awareness, collect plastic waste and make the surroundings plastic free. The slogan coined for this event is ‘Plastic Se Raksha – Swachhta Hi Suraksha’. Plogging event took place in the campus where in all faculties/ Students of JSSSTU join the initiative of Swachhta Pakhwada as part of drive against single use plastic.

All the participants took part in the activity with enthusiasm and created awareness about cleanliness in and around the campus. These events were conducted towards spreading awareness against ill-effect of plastics on the environment and to give up the use of plastic including carrying bags, plastic cutlery and plastic water bottles. Swachh Bharat Cleanliness Campaign was indeed enlightening for all the stakeholders- students, teachers and the staff. The campaign reaffirmed and reinstated the importance of cleanliness and healthy surroundings and motivated all to work for making “India” a “Clean India”.

Swachhta Hi Seva (SHS) 2019, a Jan Andolan for Swachhta, is proposed to be organized 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 focused on **Plastic Waste Management**, given the detrimental effect of uncollected plastic waste on human beings, animals and the environment at large.





Awareness postures in and around the campus



Department of Environmental Engineering Faculties and Students participated in the Plogging event



Environmental Engineering Students actively participating in the Plogging event



Department of Environmental Engineering Faculties and Students participated in the Plogging event



Department of Mechanical Engineering Students and Faculties participated in Plogging event in the campus





Department of Biotechnology Students and Faculty members involved in Plogging event in the campus





**Cleaning drive in JSS SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU on
31/01/2020**



**Department of Electrical and Electronic Engineering faculties and students participated
in Plogging event in the campus**



Department of Civil Engineering Faculties and students participated in Plogging event in the campus



Picture of before and after the Swachh event

As a part of Swachhta Pakhwada 2020, Department of Biotechnology was assigned the all-important responsibility of “VANAMAHOTSAVA” – **PLANTATION OF SAPLINGS on 5th February 2020**. Further the programme, road-map was also structured including identifying the area where planting of saplings to be done and also species of saplings to be selected depending upon the present weather and soil conditions. On 5th February all the faculty members of Biotechnology and Environmental Engineering gathered in the planting area by 10.30 AM along with students for “Plantation of saplings”.



Biotechnology and Environmental Engineering faculty members and students participating in the event of planting the sapling.



Prof. Hara Prasad, Deputy Registrar, JSSSTU watering the saplings





Students of Biotechnology and faculty members involved in planting the sapling event

As a part of Swachhta Pakhwada Programme, a presentation by the students of Environmental Engineering and Civil Engineering on “**DEVELOPMENT AND PRESENTATION OF INNOVATIVE TECHNOLOGIES FOR WASTE RECYCLING, ENERGY CONSERVATION**” on 08.02.2020.



Presentations by students on waste recycling of Construction and Demolish wastes



Presentations by students on Conservation of Energy and Management of Solid waste



Presentations by students on Waste recycling of different materials and its disposal



Presentations by students on “Energy Conservation”



Presentations by students on “E-Waste Recycling and Management”

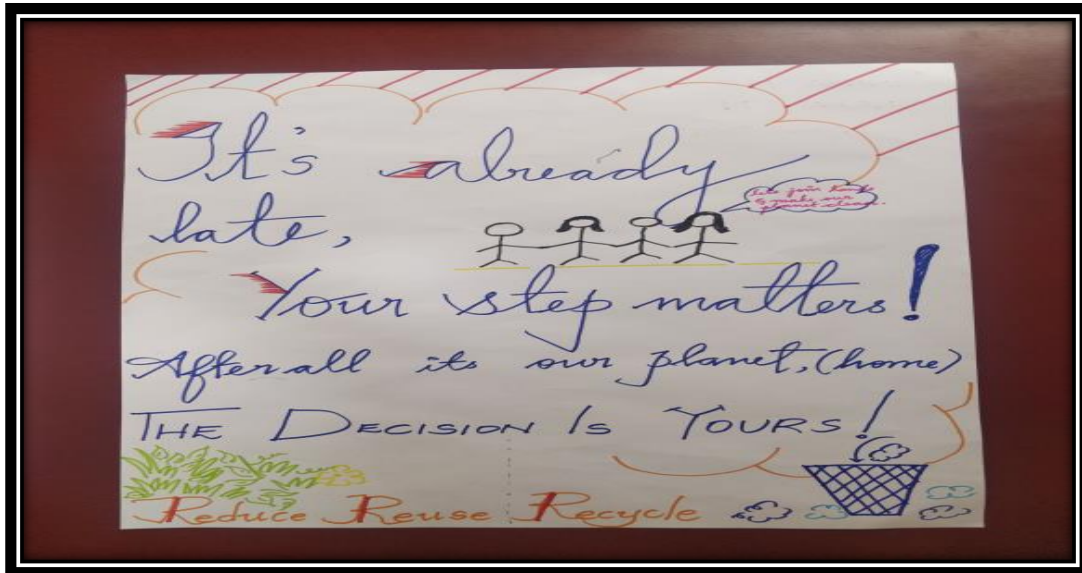


Department of Polymer Science and Technology organized the competition regarding “SWACHHTA” on 6th and 7th of February 2020. Students from different departments had participated in the Speech contest and delivered the speech on ‘cleanliness, inside out’ – to sensitize and ensure good health and hygiene by providing women and children with awareness on clean and safe environment, personal health, hygiene and good practices including hand washing on cleanliness, in order to create safe, healthy, clean and green environment and created awareness among the students and faculty members.



Prize distribution programme for various competition conducted on Swachhta

The Slogan and Poster making competition were conducted and various students from different department had participated in the event and created awareness about the Swachhta through the means of Slogan and Poster making.



The Slogan about “Swachhhta”



Prize winners for the Slogan competition organized on “Swachhhta”



Reviewing of the poster making on Swachhta by faculty members



Receiving the prize from faculty members for poster making on Swachhta

In connection with Swachhta Pakhwada – 2020, the Department of Construction Technology and Management has conducted Intra College competitions on 08/02/2020 on the following activity - **Poster making and Slogan writing on the topic “Water Conservation”**. Students from various departments took part in the event and represented the importance of water conservation by the means of Poster making and Slogan writing and brought the awareness about the water and highlighted through means of poster making about present situation and utilization of water body and its pollution from mankind and future consequence if water not conserved in proper way and its impact on the nature.

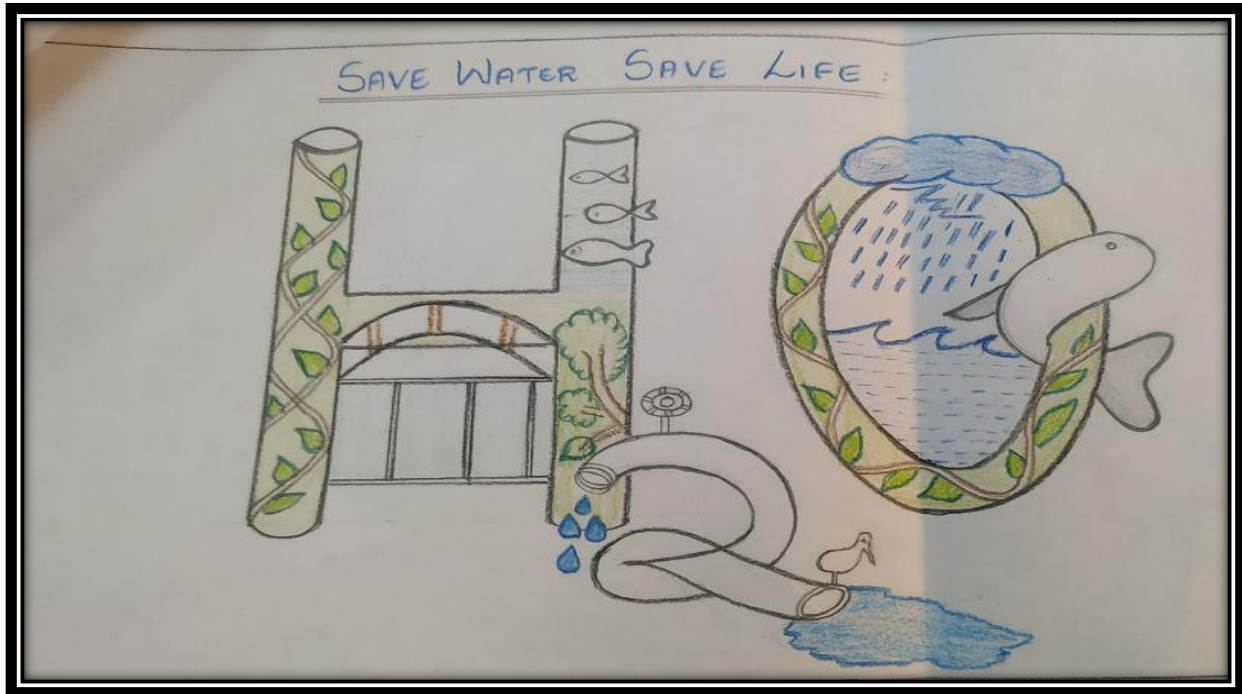


Students participation in Poster making competition



Posters made by students on “Water conservation”





Posters made by students on “Water conservation”

As part of Swachhta Pakhwada-2020, Department of Computer Science & Engineering conducted an Invited talk on Swachh Bharat by Mr. Madhukar, Environmental Engineer, Mysore City Corporation. The event was held on 8.2.2020 and was attended by students and staff of computer science department.

The speaker spoke about the significance of Swachh Bharat and gave an example of Mysore city as the case study. He also spoke about solid waste management and treatment of solid waste management. The event was well appreciated by staff and students and concluded with question and answer round related to Swachh Bharat.



Participation of faculty members and students in the event of “Talk show on Swachhta”.



Participation of students in the event of “Talk show on Swachhta”

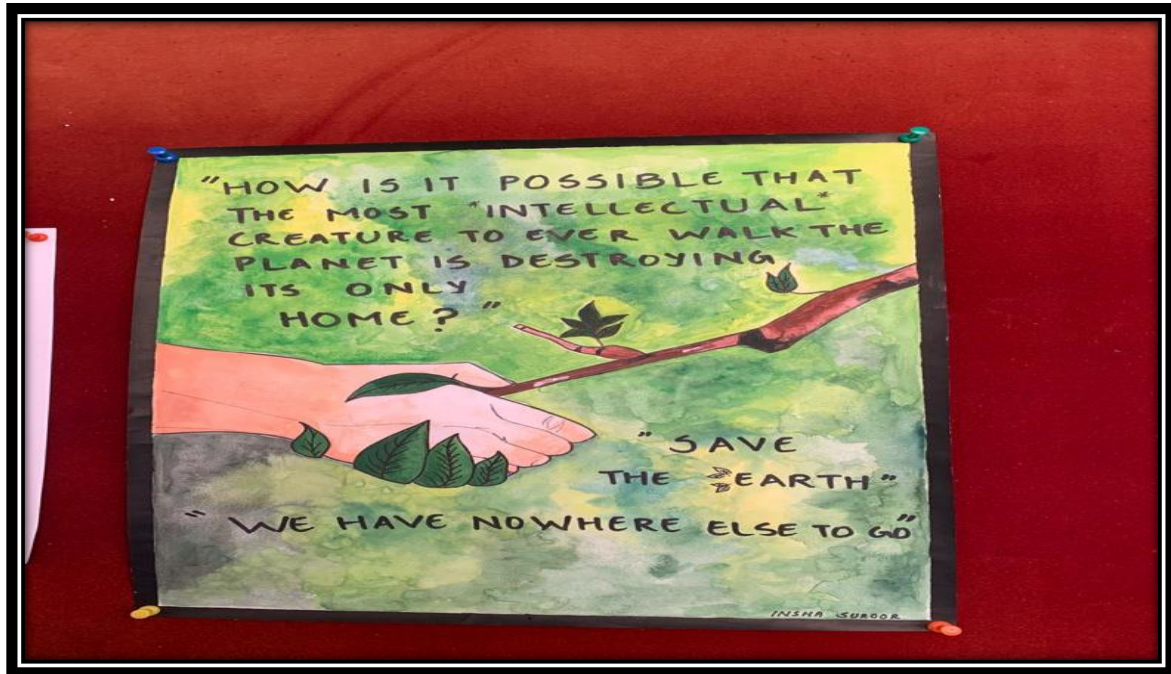


Resource person Mr. Madhukar, Environmental Engineer, Mysore City Corporation receiving token of gratitude from Department of Computer Science and Engineering on the occasion of special lecture programme on Swachhta conducted on 08.02.2020

Department of Information Science and Engineering Organized the event on “**FOREST CONSERVATION – Speech, Poster making and Slogan writing competition**” on **8th of February 2020**. Students took part in the various events organized by the department and addressed forest as one of the most important natural resources and highlighted the importance of conservation and preservation forest and shared the knowledge regarding purification of air by absorbing harmful gases present in the atmosphere and conversion of CO₂ into O₂ by trees present in the forest area.



Students giving a speech on “Conservation of Forest”



Slogan on "Forest conservation" prepared by student.



Poster making on "Forest conservation" prepared by student.

In connection with Swachhta Pakhwada – 2020, the Department of Electrical and Electronics Engineering and Electronics and Communication Engineering has conducted “**CLEANLINESS PROGRAMME IN BOYS AND GIRLS HOSTEL**” located within the premises of JSS Technical Institutions campus, conducted on 08.02.2020. The students of both the department and Hostel students were involved in the cleanliness activities in and around the hostel premises. The programme was started by taking Swachhta Pledge by all the participants and massive cleaning was done to maintain the hygienic conditions around the hostels by collecting the waste materials like E-Waste, dry leaves, waste papers, Cleaning the corridor and floor of the hostel. Collection and Segregations of recyclable and non-recyclable were also made and Organic waste was also collected separately to use further as manure. Further, awareness was also created among the hostel residents on harmful effects of smoking and chewing tobacco etc. and awareness about biodegradable and non-biodegradable waste was addressed.



Active involvement of students and faculty members in cleanliness activities in the Boys hostel on 08.02.2020



Students actively participating in cleanliness of Hostel premises



Faculty members involved in cleanliness of Girls Hostel premises



Faculties members and students involved in cleanliness of Girls Hostel premises

Getting the “**Best out of waste**” is the most important way one can contribute to the environment. Materials that are popularly used for “**Best out of waste**” projects are newspapers, cords, and threads, buttons, candy sticks, recycled bulbs, plastic bottles, any old furniture that can be revamped, the list is endless.

“**Best out of Waste**” Competition was conducted on 8th February 2020, by the department of Electronics & Instrumentation under **Swachhtha Pakhwada 2020**. Participants made use of different waste materials and created attractive models.

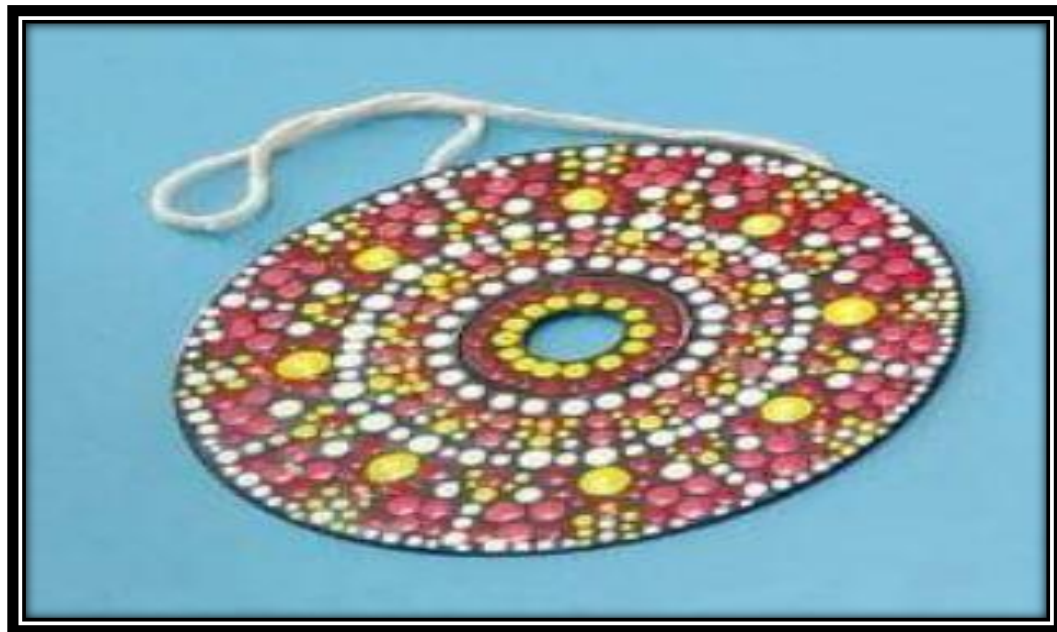
Different models were reviewed and evaluated with grades from Faculty members of different department and prize list was announced.



Participates involved in making different models using Best out of waste material



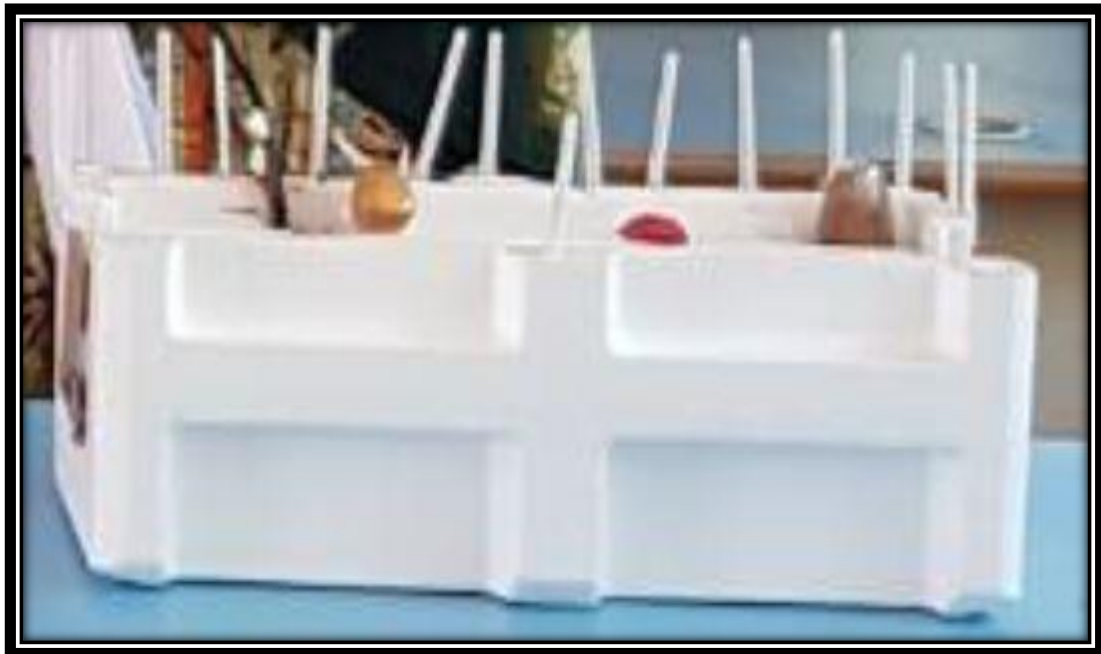
Rose vase: Rose flowers are created using chocolate cover papers and a waste bottle.



CD art: A art was done using a waste CD, by drops of different colour paints.



Peacock is created using thermo cool sheets and used plastic spoon heads.



A model of the ZOOLOGICAL garden was created using a thermo col well,
Sticks of the plastic spoons and pebbles.



Members of the Jury panel

Department of Industrial and Production Engineering Organized the event on **“Water Conservation, check wastage of water and take appropriate measures to rectify”** on **13th of February 2020**. Dr. Skanda M G and Dr. Manjunatha B, welcomed the gathering and introduced the participants about the objective of conducting the programme. The programme was started by taking Swachhta Pledge by all the participants to conserve the water and sustain sanitation and hygiene. Dr. T R Srinivas addressed the gathering on the topic **“Zero Waste techniques to reduce Water Wastage in Industrial set-ups”**, followed by the Prof. D Karibasavaraja, who explained the case study on effect of industrial pollutants and its release to water bodies. Prof. Sowmya C, who is doing her research in Lean Manufacturing aspects shared her experience about implementing some of the Lean techniques in water conservation in day to day life activities. programme concluded with section of students giving presentation on conservation of water in day-to-day life. Students came up with nearly 50⁺ ideas about conserving water and mitigating the water leakage in day to day life.



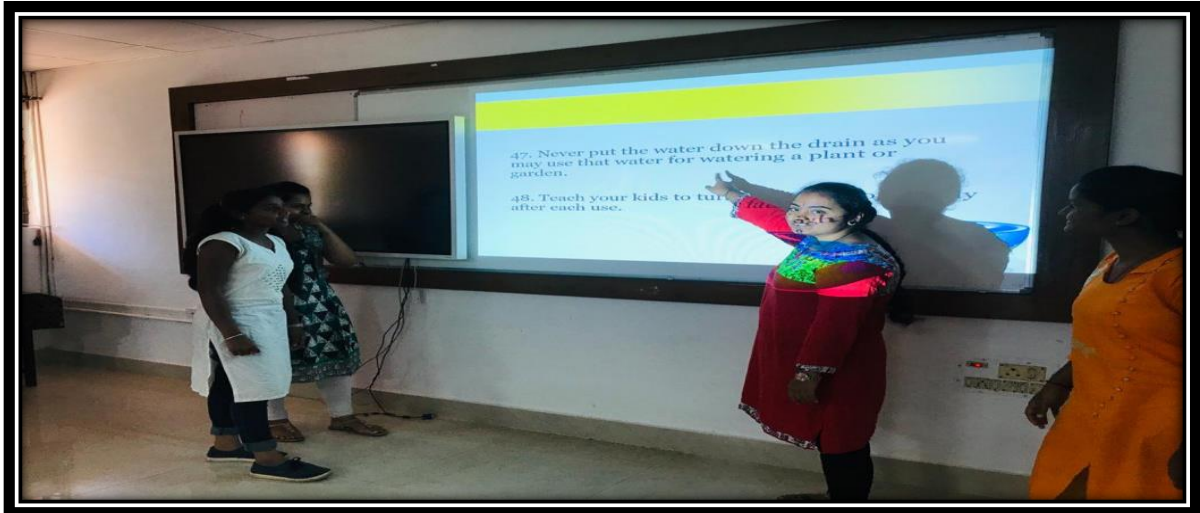
Dr. T R Srinivas, Prof & Head of Industrial Production addressing the gathering on “Water conservation”.



Dr. T R Srinivas, Prof & Head, reading the pledge to “Conserve the water to the gathering”.



Students taking the pledge to “Conserve the water”.



Students presenting the concept of “Water conservation, Check wastage of water and appropriate measures to rectify”

In connection with Swachhta Pakhwada – 2020, the Department of Electronics and communication Engineering and team members from Mechanical Engineering has conducted an event at Channananjayyanahundi village to bring awareness on “**BAN OF SINGLE USE PLASTIC**”. The team consisting of Prof. Vivek Prasad H G, Prof. Arun Y.C., Prof. Shiva Prasad N. and Prof. Chandrashekara Murthy B.N along with few students visited the village. The team explained the impact of using the single use plastic. The team also shared the information’s related to the effect of using plastics farm lands, daily livelihood, the issues with time taken for degradation of plastic, what happens to plastics once it is thrown to open fields, how animals are affected. The villagers were informed about the alternatives available in place of single use plastics in their daily life. The students along with the faculties visited the streets of the villages and collected thrown out plastics and informed the villagers to ban of single use plastics and also not to dispose in their vicinities.



Interaction of faculty member with the villagers on “Ban of single use Plastic”.



Interaction of students with the villagers on “Ban of single use Plastic”.

The Beginning....

We all want to see a clean India; we all want to be proud of our country. However, keeping the surrounding clean was never only the municipality's job. It should be a community effort.



**“One Choice, One Voice
Clean India Green India”**