



**St. Teresa's Institute of Education**

S.V. Road, Santacruz West, Mumbai – 400 054

Affiliated to the University of Mumbai and maintained under the UGC Act  
Re-accredited with 'A' Grade by NAAC



**REEN**

**ENDEAVOURS**

**St. Teresa's Institute of Education**

**Santacruz West, Mumbai 400-054**



## *All-Mumbai Environment Festival*

# *Planit-E*

## *The Green Jewel in our Crown*

### **Objectives:**

- ✓ To create awareness about important environmental issues
- ✓ To alert society to the need for environmental conservation
- ✓ To tap the creative thinking of the student fraternity to evolve ingenious solutions to safeguard the environment

**It is a two day environmental festival which includes competitions all based on themes relating to the environment.** Schools and Colleges compete on separate platforms and three awards each are presented to the Best School and College participating at the event. There is networking between the student fraternity, academia, industry, environmental NGO's media and corporates who participate in the fest as a part of their CSR. The youth showcase their creativity, ingenuity and critical thinking skills as they express their concern for environmental protection and come up with ingenious solutions. **Around 80-100 educational institutions across Mumbai participate in this event making it like a mini Earth Summit.**

**Conducted on: 16<sup>th</sup> /17<sup>th</sup> January 2014, 28<sup>th</sup> /29<sup>th</sup> November 2015,  
01<sup>st</sup> / 02<sup>nd</sup> December 2017 and 16<sup>th</sup> / 17<sup>th</sup> November 2019**



## Name of the Activity: *Planit-E* 2013 -2014

### E-VENT CALENDAR

16th JANUARY 2014

WRITE BRIGHT  
STREET TREAT  
CHART SMART  
ART ATTACK

step.... 17th JANUARY 2014  
step up  
quality!!!

AD FAD  
RHYME TIME  
MINUTE TO WIN IT

There's gonna be loads of fun,  
And exciting prizes to be won....

# THE FIRST EVER INTER COLLEGIATE ECO-FEST

# PLANIT-E

A step....  
to step up  
E-quality!!!

ECO-FRIENDLY

NEO-SOUL

E presents.

16th - 17th January 2015

Hey friends,  
It's time to add a new E-dimension to the  
age we live in. With buzz words like EQ,  
Emails, E-learning, E-banking n E-commerce  
doing the rounds, it would be well its worth  
to spare a fleeting thought to  
Planet-E...our Earth.

The festival will focus on...

Rejuvenating  
Rethinking  
Reconsidering

Earth  
eco-friendliness  
Environment  
E-q

It would comprise of a series of  
events encompassing diverse themes related  
to environmental issues and the pressing need to  
conserve our resources in the interest of the  
world at large. It would serve as a platform for  
the student fraternity of different disciplines  
to showcase their talents, display creativity and  
widen their horizons of knowledge through  
healthy interaction.













## Name of the Activity: Planit-E 2015-2016



**E-VENT CALENDAR**  
28TH NOVEMBER 2015

**PICTURE PERFECT**  
**BEAT THE STREET**  
**D-E-BATE**  
**JOT YOUR THOUGHTS**  
**MAKE HASTE TO SAVE WASTE**

29TH NOVEMBER 2015  
**SAY IT YOUR WAY**  
**E-MART**  
**RHYTHM & RHYME**  
**PLOT A MOTTO**  
**AD-AGE**

There's gonna be loads of fun.  
And exciting prizes to be won...

**PLANIT-E RETURNS**

**A step... to step up E-quality!!!**

**ECO-FRIENDLY**

**28th - 29th NOVEMBER 2015**

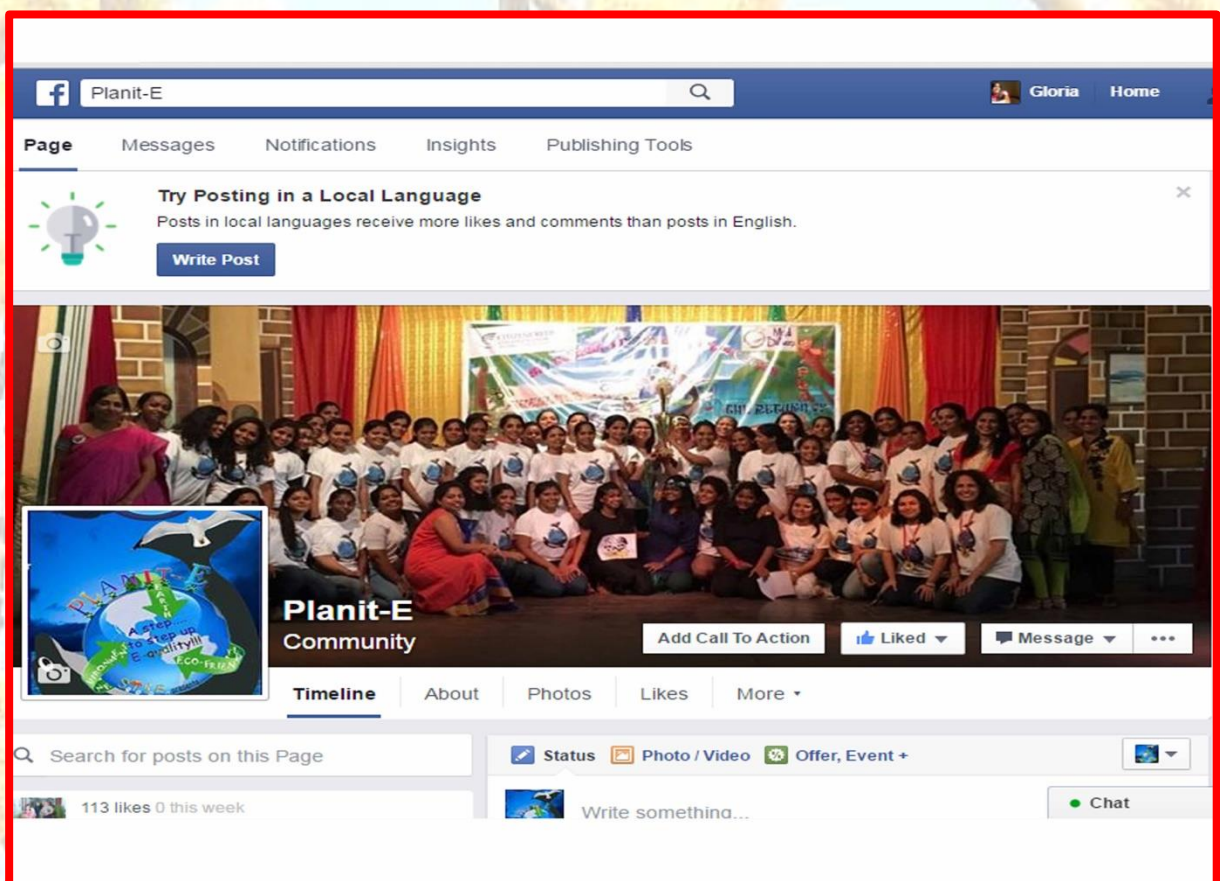
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Rejuvenating  
Rethinking  
Reconsidering

It would comprise of a series of events encompassing diverse themes related to environmental issues and the pressing need to conserve our resources in the interest of the world at large. It would serve as a platform for the student fraternity of different disciplines to showcase their talents, display creativity and widen their horizons of knowledge through...

**20:35**



Facebook page for Planit-E. The page header shows the name "Planit-E" and a search bar. Below the header, there are tabs for "Page", "Messages", "Notifications", "Insights", and "Publishing Tools". A notification banner reads "Try Posting in a Local Language" with a "Write Post" button. The main content area features a large group photo of students and staff, with a smaller version of the Planit-E logo in the bottom left corner. The page has a "Timeline" tab selected, showing a post with 113 likes and 0 comments. The bottom of the page includes a search bar, a status update field, and a chat button.

Planit-E

Try Posting in a Local Language  
Posts in local languages receive more likes and comments than posts in English.  
Write Post

Planit-E Community

113 likes 0 this week

Search for posts on this Page

Status Photo / Video Offer, Event +

Write something...

Chat







## The First-Ever All Mumbai Interschool Intercollegiate Eco Fest - Planit-E 2017-18

St. Teresa's Institute of Education is one of the pioneering colleges of teacher-education in Mumbai. Since its inception we were contemplating on hosting a cultural fest that would serve to unite schools and colleges across the metropolitan and also provide a forum for a worthy cause. At last we hit upon a million dollar idea... and Planit-E was born!

As you are aware, the threats facing us in terms of depletion of resources, degradation of the environment and the detrimental effects of abusing nature are insurmountable. The truth is inevitable - a slow but steady decay and death of the planet at large. If we have to avert this im-

*"Planning the planet of my dreams has finally turned from fantasy to a roaring reality!!!"*

*Dr Giselle D'souza*

pending calamity, each of us has to make an informed choice to make a difference and what better way than to tap the thinking potential, creative ideas and ingenious suggestions of the young minds who hold the key to a better tomorrow in a beautiful world.

It gives us pride to state that this first ever eco-fest in the city has seen around 50 educational institutions come together each year in a bid to step up the quality of our planet Earth... in short E-quality taking our dream of Planit-E to fruition. Each year we try to add a new twist to our venture to make it just not rock but roll, just not stagsate but reach the poles. Our 2 day eco-cultural fest witnesses a plethora of competitions all boiling down to environment related themes. From head, hand and heart to dances and art, from skills of expression (Elocution & Debates) to eco-fashion (Ads), from performing street plays to penning essays, from crooning models (Jingles) to working models (Projects) and more... there's loads of fun and prizes galore!!

Come feel like a star, and win a tro-



phy for your college and school, knowing S.T.I.E is the eco-hub and creativity is the rule. So block your dates on the E-calendar and make a dash here on the 1st and 2nd December 2017. The fest commences with an Inaugural function at 8:30 am on 1st Dec 2017 followed by a host of competitions lined up for each day.

"On its Third Anniversary we stepped up the beat...and thought we'd extend it

to the streets. Come and see what's going to unfold...at the end of the rainbow find your pot of gold" - Gloria Borges, Event Organiser, Planit-E.

We look forward to your whole-heartedness and support by just being there! Don't forget to hit a like on our Facebook page - [www.facebook.com/Planit-E](http://www.facebook.com/Planit-E) 1647292205543667

**Prof. Dr. Giselle D'souza**





## Name of the Activity: *PLANIT –E* 2017 – 2018

**E-VENT CALENDAR**

**1st December 2017**

- Pick-a-Pic
- Mingle n Jingle
- Nukkad Natak
- Get it Straight... let's Debate
- Pen Pals
- Nayi Soch

**2nd December 2017**

- Projectoscope
- Ad Hatters
- Speak-a-thon
- Take a Chance... n Let's Dance

*We're going beyond the portals of S.T.E...  
It's gonna be heart warming...  
Come & see!!!*

Hey friends,  
It's time to add a new E-dimension to the age we live in. With buzz words like EQ, Emails, E-learning, E-banking n E commerce doing the rounds, it would be well its worth to spare a fleeting thought to Planet-E...our Earth.

The festival will focus on...

- Rejuvenating
- Rethinking
- Reconsidering

Earth  
Eco-friendliness  
Environment  
E-q  
NE

It would serve as a platform for the student fraternity of different disciplines to showcase their talents, display creativity and widen their horizons of knowledge through healthy interaction.









# Name of the Activity: *PLANIT –E* 2019 – 2020



Planit-E

November 15, 2019 · 🌐

## Ad-VANTAGE

A group of maximum 5 students creating and presenting an advertisement on Schools:-Farming without harming- Go organic  
Colleges:- Take the oath to curb population growth  
TIME DURATION:-5 mins... See more



Planit-E

November 15, 2019 · 🌐

## VOICE YOUR CHOICE

A group of maximum 10 students narrating a poem or dramatic piece using various voice combinations.  
Topic:- Consumerism ease v/s disease  
TIME DURATION:-3 mins  
DATE:- 17th November'19... See more



**E-VENT CALENDAR**  
16th November 2019  
Hue can make a difference  
Do it the WRITE way  
Jingle all the way  
Hit the Street  
The Kodak Moment  
Ab-Bol  
17th November 2019  
Eco-FRIENDLY  
E - Wizards  
Rap-n-Tap  
Ramp Champs  
Ad-vantage  
Ed-Talks  
Voice your Choice

Hey friends,  
It's time to add a new E-dimension to the age we live in. With buzz words like EQ, E-mails, E-learning, E-banking & E-commerce doing the rounds, it would be well worth your time to spare a fleeting thought about our Planit-E - our Planet Earth.

The festival will focus on...  
Rejuvenating Earth  
Rethinking Eco-friendliness  
Reconsidering Environment  
E-q

It would serve as a platform for the student fraternity of different disciplines to showcase their talents, display creativity and widen their horizons of knowledge through healthy interaction.





Documentary





*Making*  
*a*  
*Green Difference*





# ***Make a Difference Week***

At St. Teresa's Institute of Education, we believe everyone is capable of ushering in a change in the world. Indeed actions speak louder than words and the smallest green deed is greater than the grandest intention to protect Mother Nature. **Make a Difference (M.A.D) Week is an initiative conceptualized by Assoc. Prof. Dr. Giselle D'souza and organized annually by St. Teresa's Institute of Education, with the aim of propagating environmental awareness among students and faculty.** On each day of this green week, students conduct assemblies and educate their fellow classmates and faculty about pressing issues relating to environmental conservation. In relation to the theme of each day's assembly, a meaningful activity is conducted by the students to ensure the realization of the goal of environmental protection and is followed by the students and faculty for that entire day.

**Conducted from: 22<sup>nd</sup> -28<sup>th</sup> March, 2019, 09<sup>th</sup> - 18<sup>th</sup> March, 2021 till date**

## **Objectives:**

- ✓ To create sensitivity towards issues of environmental significance
- ✓ To propagate awareness about the need for environmental conservation
- ✓ To orient student-teachers and faculty to different eco-friendly practices
- ✓ To instill values of environmental protection in student-teachers at large

## **Some of the topics selected are as follows:**

- ✓ Carbon Footprints
- ✓ E-waste Streams
- ✓ Ocean Acidification
- ✓ Urbanisation
- ✓ Organic Gardens
- ✓ Zero Waste
- ✓ Reducing CO2 emissions
- ✓ Deforestation and its main causes around the globe
- ✓ Air Pollution' - its causes and effects
- ✓ Global Water Scarcity
- ✓ Minimalism
- ✓ Plastic Pollution
- ✓ Hydroponics

## **Outcomes:**

- ✓ Student-teachers and faculty are sensitised to the need for environmental conservation.
- ✓ There is whole-hearted participation of students and faculty in the program.
- ✓ It inculcated environmental values in all the participants by orienting them to different eco-friendly practices.

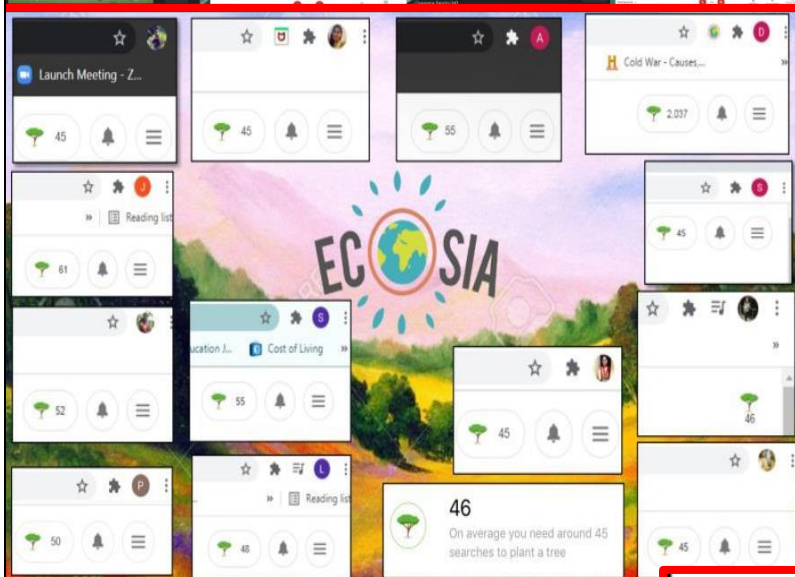


## *Name of the Activity: Make A Difference Week 2018-2019*





# Name of The Activity: Make A Difference Week 2020 – 2021



**St. Teresa's Institute of Education  
Presents**

## **MAD Week**

**A Greener day at Home: Growing Plants with Hydroponics**

**JOIN US ON THURSDAY, 18 MARCH, 2021  
AT 8.50 AM**

**[Click here to join the meet](#)**

"In my walk with NATURE an inner calm comes over me.  
It's GOD'S gift for my Rejuvenation."





# Name of the Activity: Make A Difference Week 2021 - 2022

## A GREEN PEEK INTO THE MAD WEEK 2022

St Teresa Institute of Education  
Presents  
**M.A.D WEEK**  
11/04/22  
Time- 9:00am  
Venue- Multi purpose Hall

**REDUCE REUSE RECYCLE**

Use paper with Care So our Trees don't become Rare

**SAVE THE PLANE!**

**PAPER DRIVE**

THINK BEFORE YOU PRINT

**Organic Gardening**

Mumbai, Maharashtra, India  
Latitude: 19.076619° Longitude: 72.839137°  
Altitude: 0 meters  
Local: 09:39:17 AM

**Bird Feeders**

Mumbai, Maharashtra, India  
Latitude: 19.076619° Longitude: 72.839137°  
Altitude: 0 meters  
Local: 09:39:17 AM

**Recycling Clothes**

Mumbai, Maharashtra, India  
Latitude: 19.076619° Longitude: 72.839137°  
Altitude: 0 meters  
Local: 09:39:17 AM

**E-WASTE**

Mumbai, Maharashtra, India  
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Altitude: 0 meters  
Local: 09:39:17 AM

**PAPER DRIVE**

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**Recycling Clothes**

Mumbai, Maharashtra, India  
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Altitude: 0 meters  
Local: 09:39:17 AM

**E-WASTE**

Mumbai, Maharashtra, India  
Latitude: 19.076619° Longitude: 72.839137°  
Altitude: 0 meters  
Local: 09:39:17 AM

**Paper waste management**

Mumbai, Maharashtra, India  
Latitude: 19.076619° Longitude: 72.839137°  
Altitude: 0 meters  
Local: 09:39:17 AM

**Reuse**

Mumbai, Maharashtra, India  
Latitude: 19.076619° Longitude: 72.839137°  
Altitude: 0 meters  
Local: 09:39:17 AM

**Use it Well**

Mumbai, Maharashtra, India  
Latitude: 19.076619° Longitude: 72.839137°  
Altitude: 0 meters  
Local: 09:39:17 AM

St. Teresa's Institute of Education presents  
**MAD WEEK**  
**CONSERVATION OF BIODIVERSITY**

*Let's Save These Little Angels*

Join us at 9 AM  
Venue: Multipurpose Hall

**Activity: Bird Feeder**

By:  
34 Tanavi Pitale  
9 Romany D'Mello  
15 Ramona Fernandes



*Name of the Activity: Make A Difference Week  
2022- 2023*

St. Teresa's Institute of Education  
presents

## MAD WEEK FINALE

Day 8



## COSMETIC POLLUTION

Now is our time to 'MAKE-UP' for Earth

📍 Multipurpose Hall 📅 02.05.23 ⌚ 8:30 am to 9 am

St. Teresa's Institute of Education  
presents

## MAD WEEK

### Eco-friendly Festivals



*Let the colours of nature  
paint the canvas of  
our festivals*

*Spread festival joy by  
donating your clothes to  
those in need*



Date: 19/04/2023

Time: 8:30 am

Venue: Multipurpose Hall

St. Teresa's Institute Of  
Education

presents

## MAD WEEK

(Make a difference)

### Reduce Carbon Footprint

Take a decision to reduce Carbon  
emissions!



DATE: 18/4/2023

TIME: 8:30AM

VENUE: Multipurpose  
hall

St. Teresa's Institute of Education

PRESENTS

## MAD WEEK (MAKE A DIFFERENCE)

### Organic Homemade Cleaner

### THE LIGHTER SIDE OF CLEANING

Date: 26-04-23

Time: 8:30 am

Venue: Multipurpose  
Hall





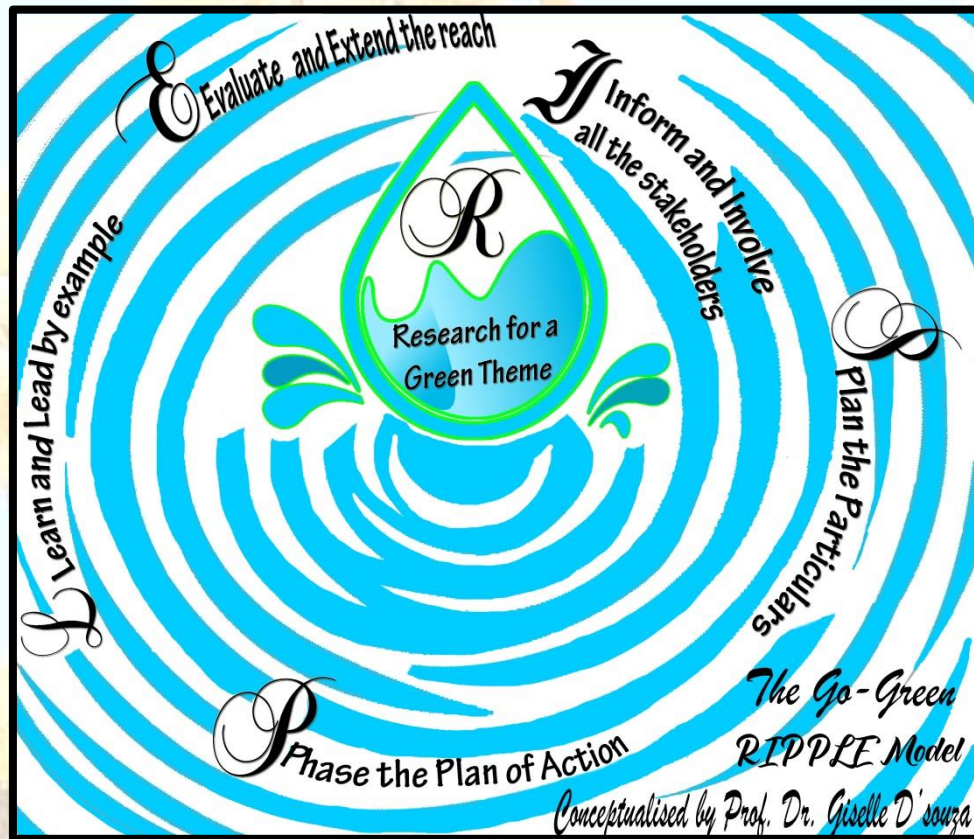


### ACTIVITY DONE BY FIRST YEAR STUDENTS





# Our Flagship Projects based on the ***GO-GREEN RIPPLE MODEL***



- ✓ ***‘Go-Green with Tetra Pak Campaign’*** in collaboration with NGO RUR GreenLife Pvt. Ltd., Reliance Fresh and Sahakari Bhandar.
- ✓ ***‘The Save-Water Safe Water Project’*** in collaboration with NGO SOSVA (Society for Service to Voluntary Agencies).
- ✓ ***‘The Organic Composting Project’*** in collaboration with Ekonnnect Knowledge Foundation and RUR GreenLife Pvt. Ltd.



## ***‘Go-Green with Tetra Pak’ Campaign***

STIE is a collection centre for used Tetra Paks to sensitise student-teachers to their role in Environmental Stewardship, by adding a creative dimension to the existing eco-friendly practices. The endeavour helped to actively engage and involve every member of community to walk the green talk and provide a forum for networking between various stakeholders ushering in a **‘Green Evolution’**.

The ‘Go-Green with Tetra Pak Initiative’ undertaken by St. Teresa’s Institute of Education, Santacruz in 2018 is an eco-friendly enterprise carried out in collaboration with the renowned NGO-RUR (Are you Reducing, Re-using and Recycling) in association with Sahakari Bhandar and Reliance Fresh. It is directed towards the worthy cause of safeguarding the environment. **The venture has so far witnessed the collection of a total of 26,026 used Tetra Pak cartons which have then recycled into 3 garden benches which are installed at the campus.** The teacher trainees of the B.Ed. course serve as Green Champions, sensitizing and orienting school students of schools across Mumbai to the Tetra Pak cut-clean-flatten process. They walk the talk and have also extended the project into their homes, neighborhoods and society at large. Environmental protection has always headed the list of thrust areas for St. Teresa’s Institute of Education, giving it the distinguished green edge that it holds today. The successful launching of the Go-Green with Tetra Pak Drive is yet another jewel in the crown of the institution. The campus is now glistening in shades of emerald and jade, buzzing with students who are sensitized to their role as green warriors. It is amazing to see them enthusiastically collecting used Tetra Pak cartons from their homes and housing societies thus spreading the awareness through what seems like a ripple effect. **In 2019-20, the institution was awarded for being the highest spoke with an all-time high of collecting 14,251 cartons.**

**Conducted from: 06<sup>th</sup> September 2018 to 13<sup>th</sup> March 2020**



# Name of the Activity: Go Green with Tetra Pak Campaign 2018 – 2019



ANDRA BUZZ | JANUARY 2019

NEWS | 15

## "Go Green...Grow Green...Glow Green!"

says St. Teresa's Institute of Education in its 3G formula



The Green Highlight of the Sesquicentennial celebrations of the Congregation of the Carmelite Religious was the 'Go Green with Tetrapak' campaign undertaken by St. Teresa's Institute of Education, Santa Cruz. This tetrapak initiative was supported by RUR (Reduce, Re-use & Recycle), the four institutions located on the campus namely, St. Teresa's Convent High School, St. Teresa's Junior College, St. Teresa's Special School & the B.Ed College worked unitedly & undauntedly towards the worthy cause of environmental protection. The venture witnessed the collection of a total of 10,500 tetrapak cartons which were then

recycled into a collection bin & a garden bench which were inaugurated & installed at the campus on 21st January 2019 - a golden figured day in the green calendar of St. Teresa's Society.

The inaugural function was attended by Ms. Monisha Narkar - Founder and CEO of RUR along with her team member Ms. Vela Monda, Sr. Wilma Mendes - Manager of St. Teresa's Society, Dr. Sr. Tanuja Waghmare - Principal of St. Teresa's Institute of Education and the faculty and students. The project was spear-headed by Dr. Giselle D'Souza and Dr. Cindrella D'mello. Dr. Sr. Tanuja stated with pride, "It is truly a green moment for the entire Teresian family.

A green dream turned to reality! What deserves mention is the enthusiasm of the school students in walking the extra mile to reach the exorbitant target of empty tetrapaks in one month which was record breaking!

St. Maria Pereira - Principal of the High School deserves special acclaim for being the driving force and the wind beneath their wings. The teacher trainees of the B.Ed course served as Green Champions, sensitizing and orienting the school students to the tetrapak cut-clean-flatten process. They more importantly walked the talk and carried out the Herculean task to fruition themselves. Amidst thunderous applause

and cheer, Class VI B was declared the winner for collecting the maximum number of tetrapaks.

RUR felicitated the winners and green champions with certificates and awards for their commendable contribution. This venture alerted not only the students and teachers to safeguarding the environment, but its impact also trickled down into their homes, neighbourhoods and society at large. To mark this mega achievement Dr. Giselle D'Souza jubilantly expressed, "The journey was uphill but we all agree now that every cloud indeed has a green lining! What started out as one tiny green step has culminated in a Green Revolution!"





# *Name of the Activity: Go Green with Tetra Pak Campaign 2019 - 2020*



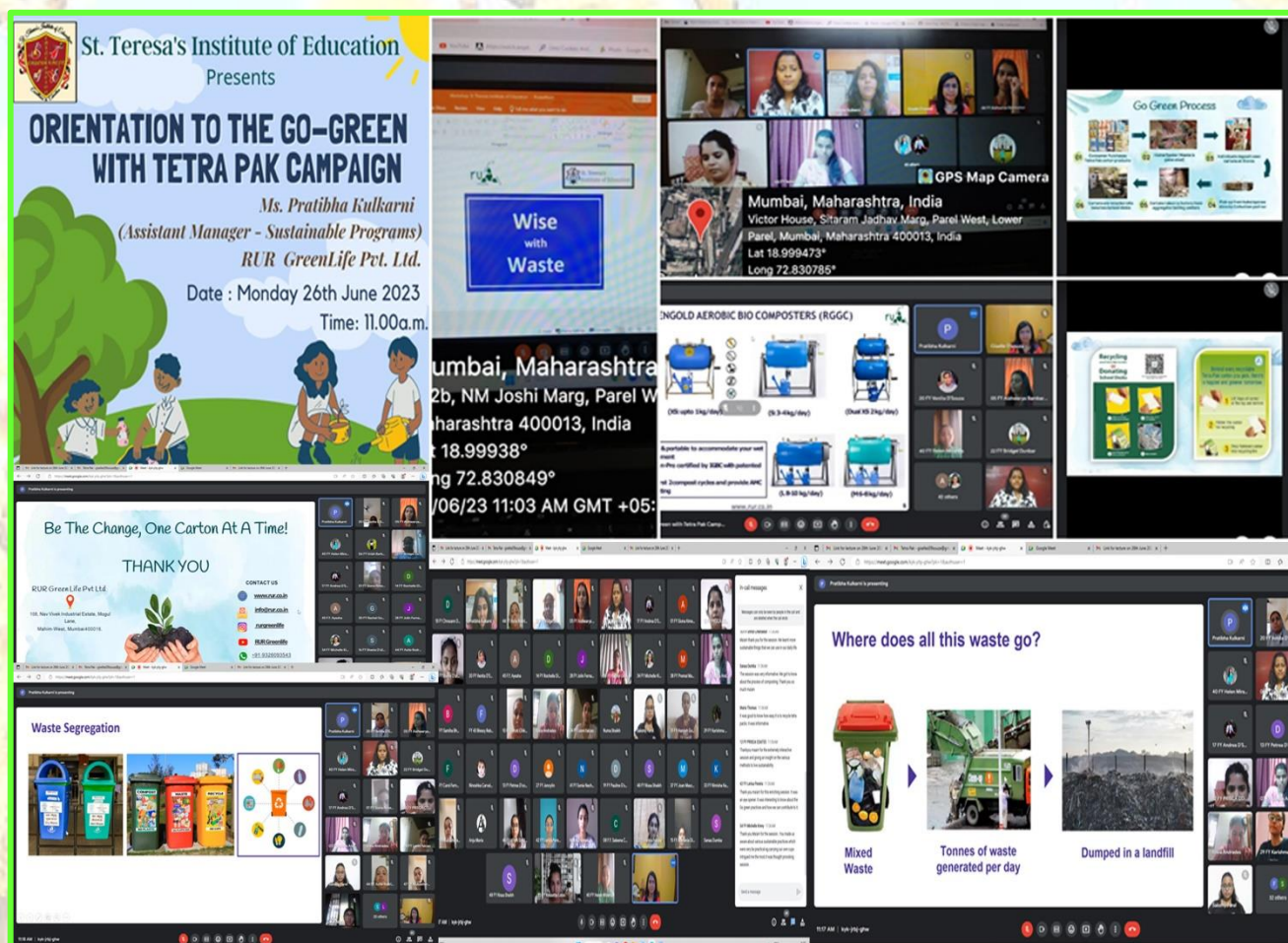
OUR TOP PERFORMERS IN CARTON COLLECTION FOR RECYCLING			
	Corporate	School	Society
01	We Work, Spectrum Malad 4840	St. Teresa's Institute of Education 14,251	Kandivali Lokhandwala Club (Silver Oak) 2408
02	Colliers International (Viacom 18) 4005	Airport High School 3837	Raheja Vistas 2300
03	We Work, Marol 3150	Canossa High School, Andheri 2291	Villagrand CHS 2005
04	We Work, Andheri (Raheja) 2890	Kotak Education Foundation 2229	Villa Royale CHS 1890
05	Siemens, Airoli 2534	St. Joseph High School, Wadala 2000	St. Peter's CHS 891





## *Orientation to the Go Green with Tetra Pak Campaign 2023 - 2024*

**“The greatest threat to our planet is the belief that someone else will save it” - Robert Swan**



The orientation was conducted via Google Meet by the resource person Ms. Pratibha Kulkarni who is currently the Assistant Manager of Sustainable Programs (RUR) on June 26, 2023. It focused on the cut-clean-flatten process of the Tetra Paks for waste management and encouraged the students to follow various sustainable habits for long-term behavioral change as responsible green goblins. The session engaged the students with real life examples and experiences of success stories of Tetra Pak recycling. It also included flow charts and illustrations to promote a clearer understanding. The orientation did help instil a sense of responsibility that each student should fulfil towards the protection of the environment.

In keeping with the age old adage, **“Actions speak louder than words”**, St. Teresa’s Institute of Education, Santacruz West, reinitiated the Go Green with Tetra Pak Campaign based on the RIPPLE Model in collaboration with the practice teaching schools across Mumbai collecting a total of **2824** empty Tetra Pak cartons which were donated to RUR Green Life Pvt. Ltd. for recycling as an integral part of the “Cartons Le Aao, Classroom Banao”, theme.



## ***The Save-Water - Safe Water Project***

Student-teachers were first sensitised to the importance of water conservation and thereafter they conducted this project in 5 Mumbai based schools wherein 14,416 school students were introduced to concepts such as water crisis and its causes, water scarcity and techniques of water conservation such as rain water harvesting.

**Conducted from: 27<sup>th</sup> January – 29<sup>th</sup> February, 2020**

### **Objectives:**

- ✓ To create awareness about the importance of water conservation in the student fraternity
- ✓ To train the student teachers in creating propaganda on various issues pertaining to water scarcity among school students
- ✓ To alert society to the threat of water crisis in various parts of the country
- ✓ To network with schools so as to sensitise students to the importance of water conservation techniques

Modules relating to concepts such as water crisis and its causes, water scarcity and techniques of water conservation such as rain water harvesting, were simplified and presented to school students using interactive and participatory approaches with a range of exciting activities such as preparing posters with striking captions to evaluate the knowledge gained by students.

### **Outcome:**

This collaborative venture with SOSVA met with laudable success and created ripples of environmental awareness among young minds to whom the future belongs.



***Name of the Activity: Save Water Safe Water - SOSVA  
2019 - 2020***





## *Drinking Water Quality Check by Equinox Labs*

**2023 - 2024**

Water testing and auditing of the drinking water sample at St. Teresa's Institute of Education, Santacruz West was conducted to check the potability of drinking water on the premises by **Equinox Labs on November 1, 2023**. The testing showed that the sample conformed to **IS 10500: 2012** for the parameters tested.







Mumbai, Maharashtra, India  
St. Teresa's Institute Of Education St. Teresa's Institute Of Education  
Convent School, Convent Ave, Willingdon, Santacruz West,  
Mumbai, Maharashtra 400054, India  
Lat 19.076568°  
Long 72.838955°  
19/01/22 12:12 PM



Mumbai, Maharashtra, India  
Homestead Gardens, Convent Ave, Willingdon, Santacruz  
Mumbai, Maharashtra 400054, India  
Lat 19.076528°  
Long 72.838954°  
19/01/22 12:02 PM



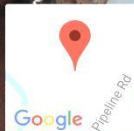
Mumbai, Maharashtra, India  
St. Teresa's Institute Of Education St. Teresa's Institute Of Education  
Convent School, Convent Ave, Willingdon, Santacruz West,  
Mumbai, Maharashtra 400054, India  
Lat 19.076606°  
Long 72.838955°  
19/01/22 12:04 PM

## Organic Composting Project

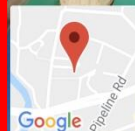
Infrastructure for dry waste bin (4 color coded bins) installed in October 2021



मुंबई, महाराष्ट्र, India  
St. Teresa's Institute of Education  
Lat 19.081439°  
Long 72.85114°  
17/03/22 10:29 AM



मुंबई, महाराष्ट्र, India  
St. Teresa's Institute of Education  
Lat 19.081439°  
Long 72.85114°  
17/03/22 10:28 AM



मुंबई, महाराष्ट्र, India  
St. Teresa's Institute of Education  
Lat 19.081439°  
Long 72.85114°  
17/03/22 10:27 AM



## **Workshops/Visits to sensitize students and faculty to their role in environmental conservation**

The college collaborated with several environmental organizations and enthusiasts to conduct workshops/visits on themes of environmental relevance and critical environmental issues to sensitize student-teachers to their role in safeguarding the environment. Regular workshops on the theme 'Waste it or Invest it' orienting them to the practice of judicious waste management help them to be more aware in reducing environmental degradation arising from piling up and indiscriminate disposal of garbage.

**A workshop on Waste Management** was conducted by RUR GreenLife Pvt. Ltd. to create awareness on the different strategies of waste segregation. The student teachers and faculty were oriented to the technique of domestic composting and encouraged to follow the Municipal guidelines for waste segregation.

**Conducted on: 28<sup>th</sup> March, 2019, 17<sup>th</sup> March, 2022 and 23<sup>rd</sup> September, 2022**

### **Objectives:**

- ✓ To orient student teachers to the importance of waste management.
- ✓ To instil values of environmental protection in student-teachers at large.

A one hour workshop was conducted to sensitise students and faculty to the importance of waste management. The resource person oriented the audience to the three bin approach and demonstrated how the same is to be practiced. Awareness was created through Presentations and Demonstration using the domestic aerobic bio composter. Success stories of societies and residential buildings practicing these approaches were shared.

### **Outcomes:**

- ✓ Student-teachers and faculty were sensitised to the need for waste management.
- ✓ There was awareness created on the right methods of waste segregation.
- ✓ The participants were trained in how to use the domestic aerobic bio composter so as to encourage them to practice composting at home.



## *Name of the Activity: WASTE Management Workshops 2018-2019 & 2021-2022*



### **Waste Management Workshop- by Dr. Aparna Pandey 17<sup>th</sup> March, 2022**





# Name of the Activity: WASTE Management Workshop 2022 - 2023

ST. TERESA'S INSTITUTE OF EDUCATION

"Waste it or Invest it"

A session on  
**Waste Management and Composting**  
by  
**Ms. Manjri Patil**  
RUR Green Life Pvt. Ltd.

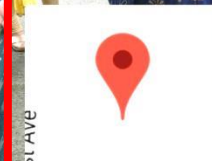
Date -  
23rd September, 2022

Time -  
9.00 am - 9.30 am

Venue -  
College Campus

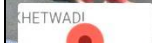


MAKE EVERY DAY  
**Earth Day**



**Mumbai, Maharashtra, India**

St. Teresas Institute Of Education St. Teresas Institute Of Education Special School, 2nd Hasnabad Ln, Willingdon, Santacruz West, Mumbai, Maharashtra 400054, India  
Lat 19.076908°



**Mumbai, Maharashtra, India**



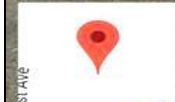
**Mumbai, Maharashtra, India**

St. Teresas Institute Of Education St. Teresas Institute Of Education Special School, 2nd Hasnabad Ln, Willingdon, Santacruz West, Mumbai, Maharashtra 400054, India



**Mumbai, Maharashtra, India**

St. Teresa's Institute of Education, Santacruz (W)  
Lat 18.956463°



**Mumbai, Maharashtra, India**

St. Teresas Institute Of Education St. Teresas Institute Of Education Special School, 2nd Hasnabad Ln, Willingdon, Santacruz West, Mumbai, Maharashtra 400054, India  
Lat 19.07688°



**Mumbai, Maharashtra, India**

St. Teresas Institute Of Education St. Teresas Institute Of Education Special School, 2nd Hasnabad Ln, Willingdon, Santacruz West, Mumbai, Maharashtra 400054, India  
Lat 19.076811°  
Long 72.838856°  
23/09/22 09:26 AM GMT +05:30



## ***Waste Management Workshop by RUR GreenLife Pvt. Ltd.***

*Theme- Waste it or Invest it*

St. Teresa's Institute of Education, organized the Annual Waste Management Orientation based on the theme "Waste it or Invest it" for the S.Y.B.Ed. students on October 5, 2023. It was conducted by Ms. Sumedha Bhirde an environment enthusiast based at RUR GreenLife Private Limited, Mumbai along with her colleagues Mr. Alden D'souza and Mr. Rishikesh. The orientation primarily focused on promoting sustainable practices and raising awareness about Waste Management. Key aspects covered during the session included a comprehensive discussion on the significance of judicious Waste Segregation. Ms. Sumedha introduced the student-teachers to the Four Bin Approach of Dry Waste Management and the importance of segregating different types of waste in order to facilitate effective recycling and reduction of environmental pollution. The Green highlight of the orientation was the live demonstration showcasing the functioning of the Aerobic composter installed on the College Campus. It sensitised the student teachers to their role and responsibility as Green Warriors in this journey of Environmental Stewardship.





## **Multiply the Message Workshops based on Water and Environment Sustainability by Trailblazers Foundation Inc.**

One Day Workshops comprising of inputs on various themes of environmental significance was organized for the student teachers to create an awareness of pressing environmental issues and what can be done to remedy the same. The session comprised of interactive activities and games, to convey lasting green messages.

**Conducted on: 29<sup>th</sup> July, 2017 & 14<sup>th</sup> January, 2020**

### **Objectives**

*(Each workshop had a specific objective)*

- ✓ To empower future teachers with various learning pedagogies that can be used to conduct meaningful environment education to primary and secondary levels.
- ✓ To create awareness about water pollution and conservation with special reference to plastic a boon or scourge.

### **Strategies Used:**

- ✓ Nature games (Play way method)
- ✓ Interdisciplinary approach- STEM
- ✓ Reflections
- ✓ Collaborative learning

### **Outcomes:**

The students learnt various learning pedagogies that can be used to conduct meaningful environment education to primary and secondary levels. The workshops provided a great learning experience for them. The participants learnt the different teaching methods to teach environmental education through school subjects. It not only sensitized them about the dangers they are creating for themselves but also enlightened them about the ways in which they can stop the planet from destruction. All in all it was a very fruitful and beautiful day for them in the midst of nature.



*Name of the Activity: Multiply the Message Workshop by Trailblazers Foundation Inc. (2016 – 2017)*



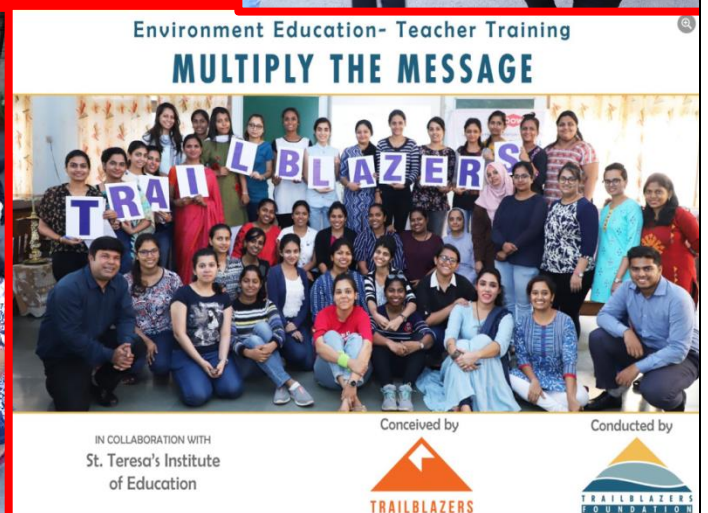


***Name of the Activity: Multiply the Message Workshop based on  
the theme ' Water Gift of Life' by Trailblazers Foundation Inc.  
(2017 – 2018 )***





**Name of the Activity: Multiply the Message Workshop based on the theme  
'Environment and Sustainability' by Trailblazers Foundation Inc.  
(2019 – 2020)**





## **Visit to Keshav Shrushti, Bhayandar**

Keshav Shrushti is a hub of innovative and versatile educational, irrigational and social projects aimed at creating socially conscious leaders and dedicated citizens of the country. The campus nestled in the lap of nature and spread across miles of greenery, flowing streams and hills is home to various species of fauna & flora and herbal plants, coupled with mango and coconut plantations. Over the last 30 years, Keshav Shrushti has grown in leaps and bounds and now has six independent institutions.

**Conducted on: 09<sup>th</sup> December, 2017**

### **Objectives:**

- ✓ To create awareness about various environmental initiatives of Keshav Shrushti.
- ✓ To get information about different sustainable development practices at Keshav Shrushti.

### **Strategies Used:**

- ✓ Nature Trail,
- ✓ Demonstrations,
- ✓ Hands on experiences

### **Outcomes:**

This educational visit provided an experience to explore the beauty of nature. Trainees were oriented to making of handmade paper, using cow dung to generate bio-gas, preparation of natural fertilizers etc. Through the nature trail, the students got information about different species of plants and their uses. The students witnessed different sustainable development practices and learnt the importance of the same.







## **Lecture series in Environmental Education 1&2**

**by Colonel Uday Agashe**

In a world which needs to alert its citizens on the pressing environmental issues posing a threat to the planet, it is important to sensitise the youth to their responsibility in safeguarding the Earth. In a bid to achieve this objective St. Teresa's Institute of Education organized a series of lectures by Retired. Colonel. Mr. Uday Agashe an Environmental enthusiast on a range of environmental issues and personal safety. The themes addressed were:

- ✓ Session on Rain Harvesting
- ✓ Session on LPG – Fire Safety Awareness
- ✓ Session on Fire Safety

**Conducted on: 29/06/2017, 08/07/2017, 15/07/2017, 08/03/2018,  
27/03/2018, 28/03/2018**

### **Objectives:**

- ✓ To sensitize the students about the need of saving the natural resources.
- ✓ To give students training on effective handling of disasters at the school and community.

### **Strategies Used:**

Through the demonstrations and providing the hands on experiences students were trained for fire related disasters. Also discussion and quiz techniques were used to explain the importance of rain water harvesting.

### **Outcomes:**

Students were made aware of their responsibility to save the natural resources and disseminate the same information to the masses.









# ***From Energy to Synergy...For a Sustainable Tomorrow***

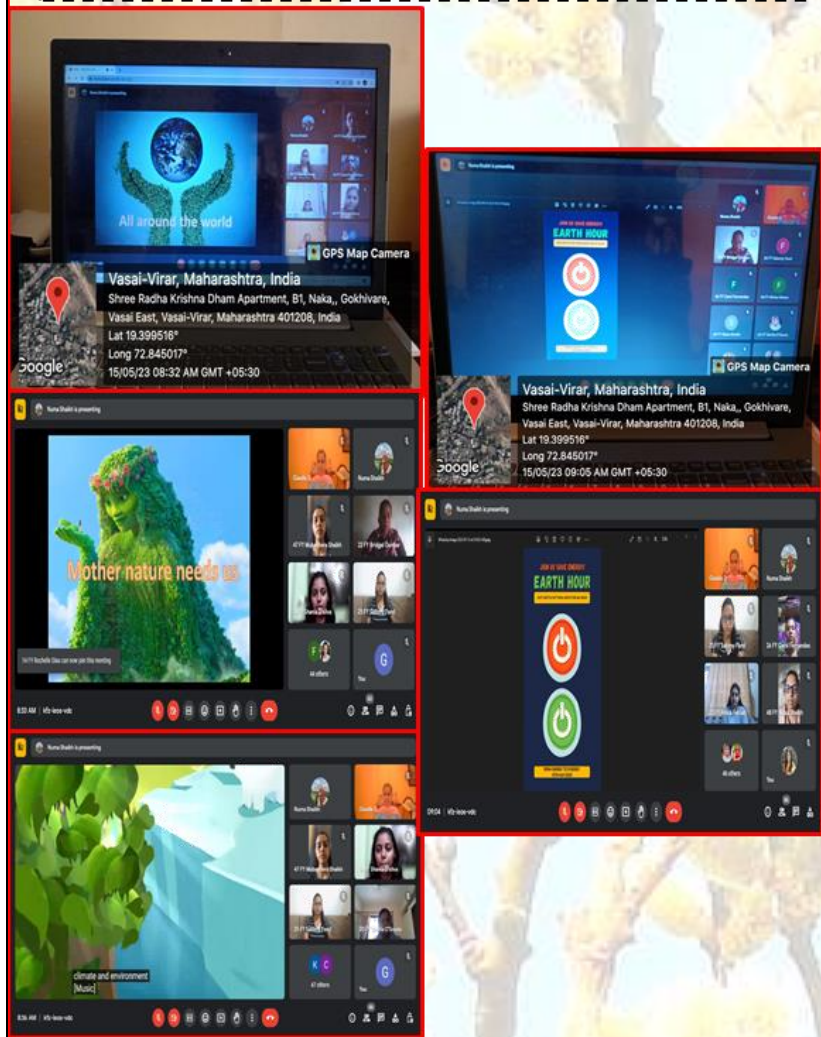
- St. Teresa's Institute of Education, Santacruz West pledged its commitment to Sustainable Development on May 15, 2023 by celebrating the Green Theme 'From Energy to Synergy for a Sustainable Tomorrow' an offshoot of the mandatory requirement for all colleges (Mumbai Region) to host a programme on 'Energy Consumption and Lifestyle for Environment'. The Resource speaker was Prof. Luke Gabriel Mendes, Founder and Director of St. Xavier's Tech Innovation and Incubation Centre at St Xavier's Technical and Engineering College, Mahim.

**ST. TERESA'S INSTITUTE OF EDUCATION**  
Santacruz West, Mumbai 400054  
*Celebrates the Green Theme.....*  
**Energy Consumption & Lifestyle for Environment**



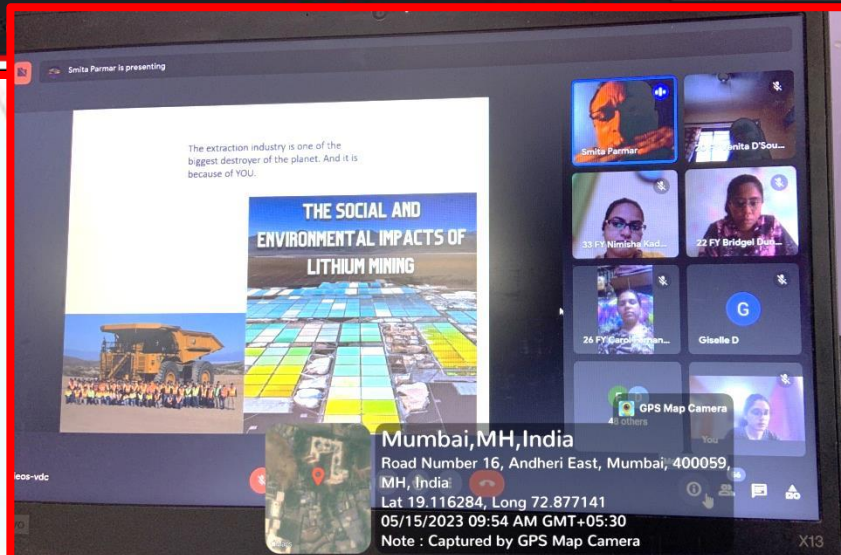
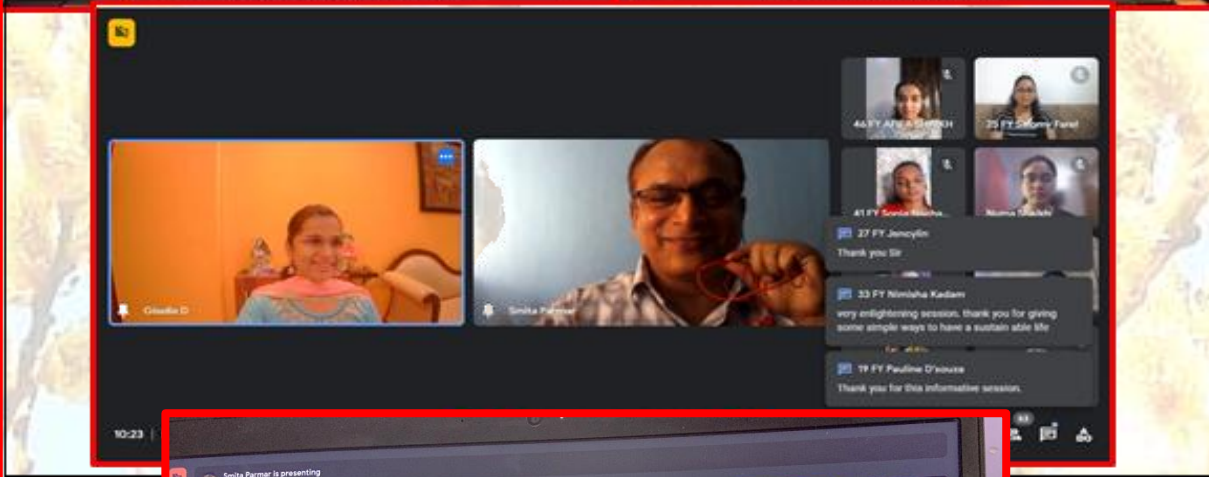
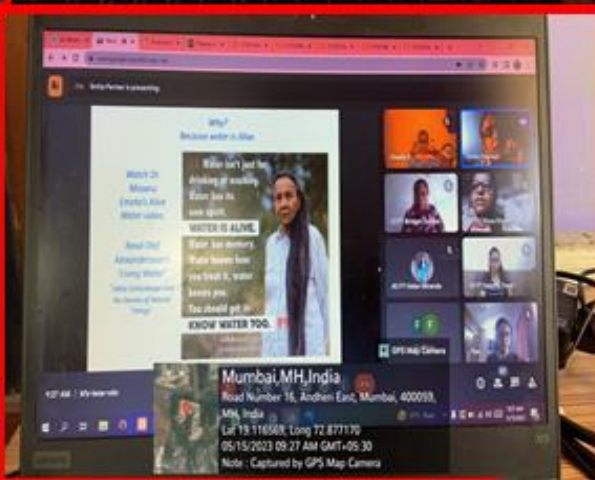
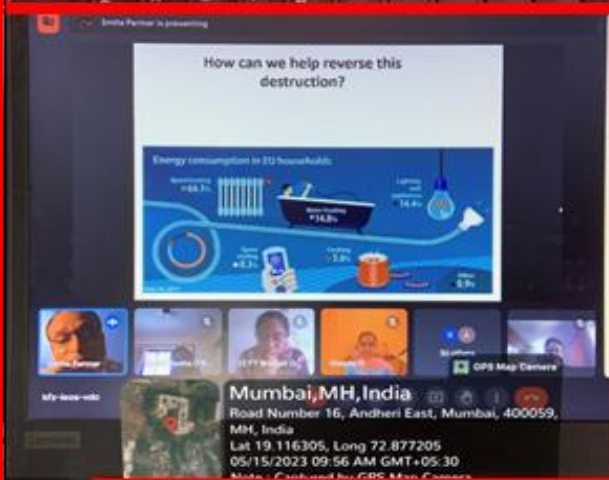
Date: Monday 15th May, 2023      Time: 8:30 a.m. onwards  
Join the Google Meet for the Environmental Treat ([Click here](#))  
Event Schedule: Green Assembly with theme-based activities by student teachers  
Resource Speaker: Prof Luke Mendes, Founder and Director XTIIIC, Environmental Activist & Consultant for Ministry of Environment - India & Germany

## **Green Assembly on Energy Consumption and Lifestyle for Environment**





## Resource Speaker's Session on Energy Consumption and Lifestyle for Environment- Prof. Luke Mendes





# **Our Eco-friendly Practices**

*Where Green is the order of the Day!*

@

**St. Teresa's Institute of Education,  
Santacruz West, Mumbai**





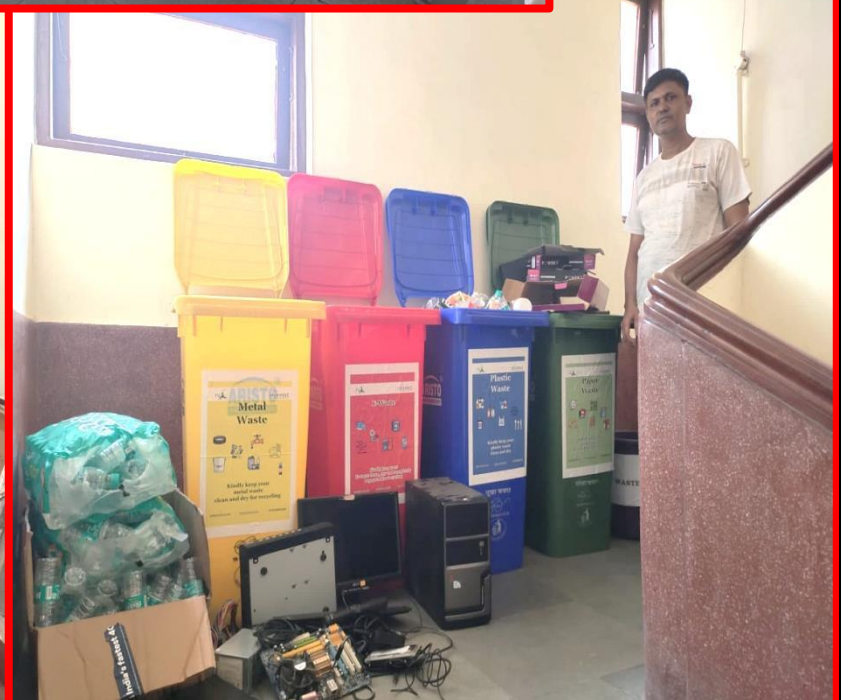
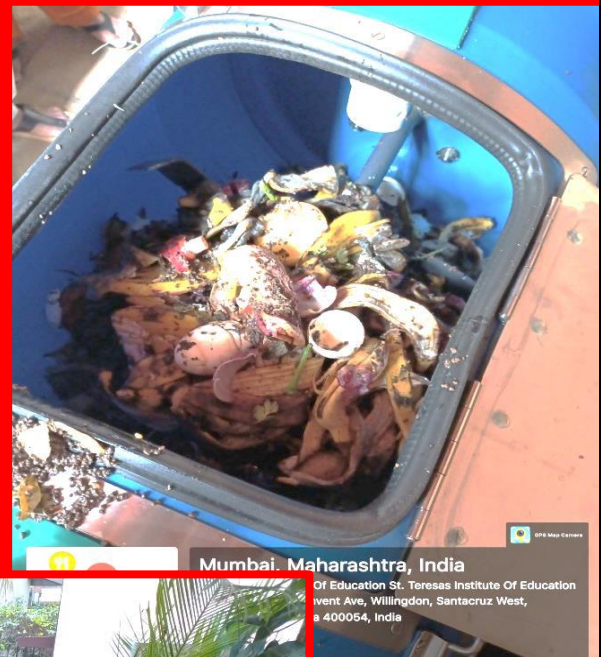
# Banning the use of PLASTIC

The Institute undertook the initiative to ban the use of plastic by encouraging the use of metal and glass containers for carrying food and snacks. Spiral binding of projects by students was discontinued. Several posters to stress the importance of banning plastic and promoting eco-friendly materials are displayed at significant places in the college campus. Initiated from: 2015



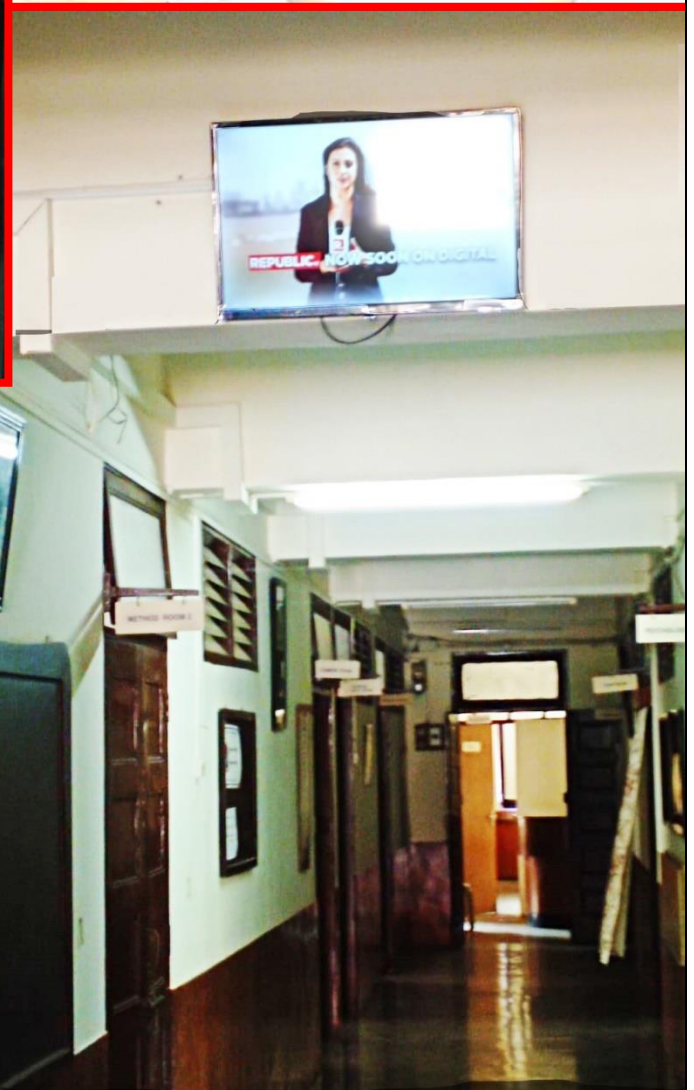


# Four Bin Approach of Waste Segregation





## Use of Display Screen at the College Entrance for displaying notices and important information

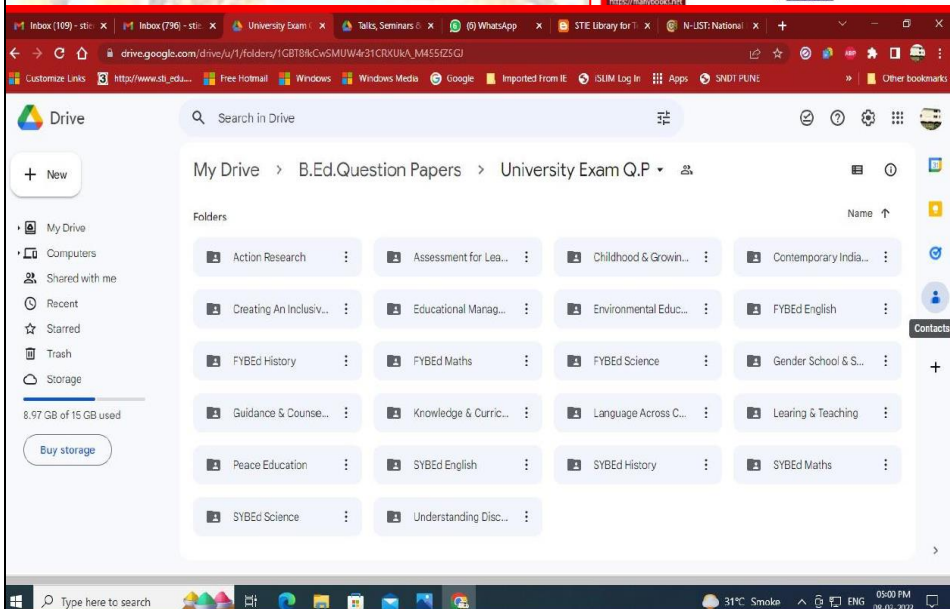
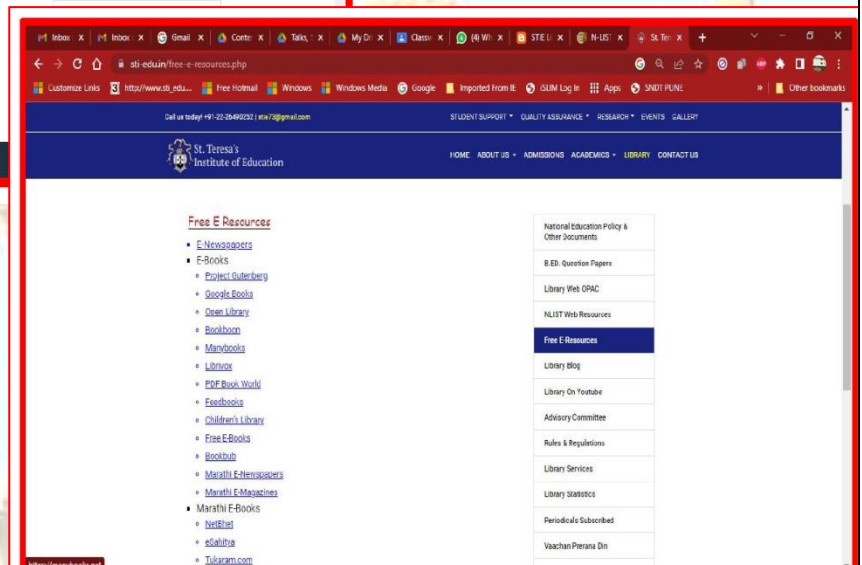
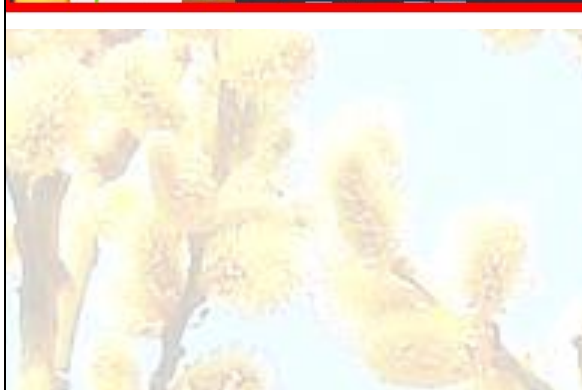
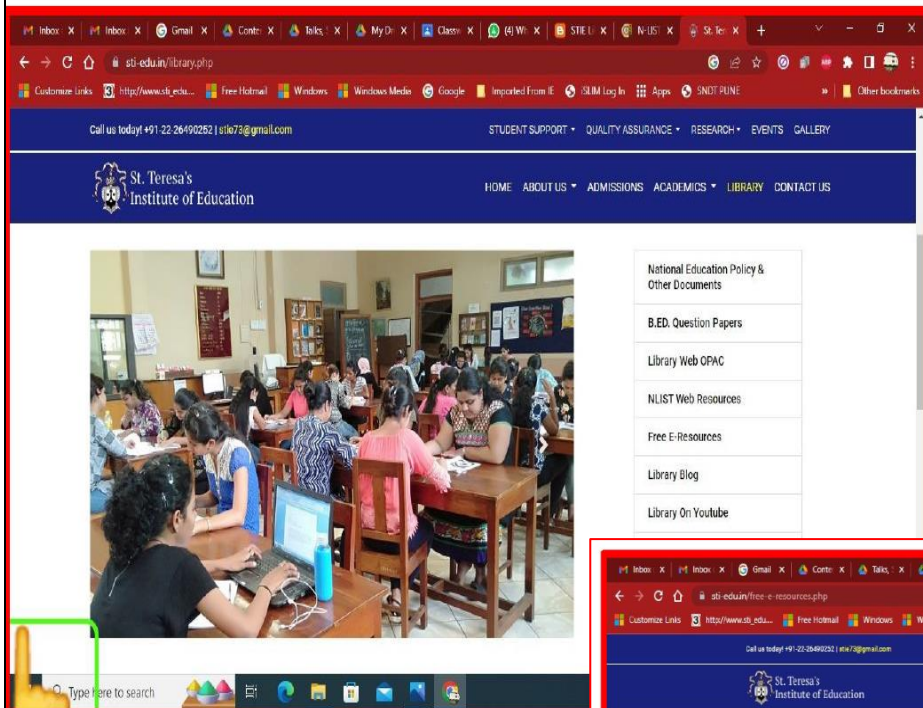




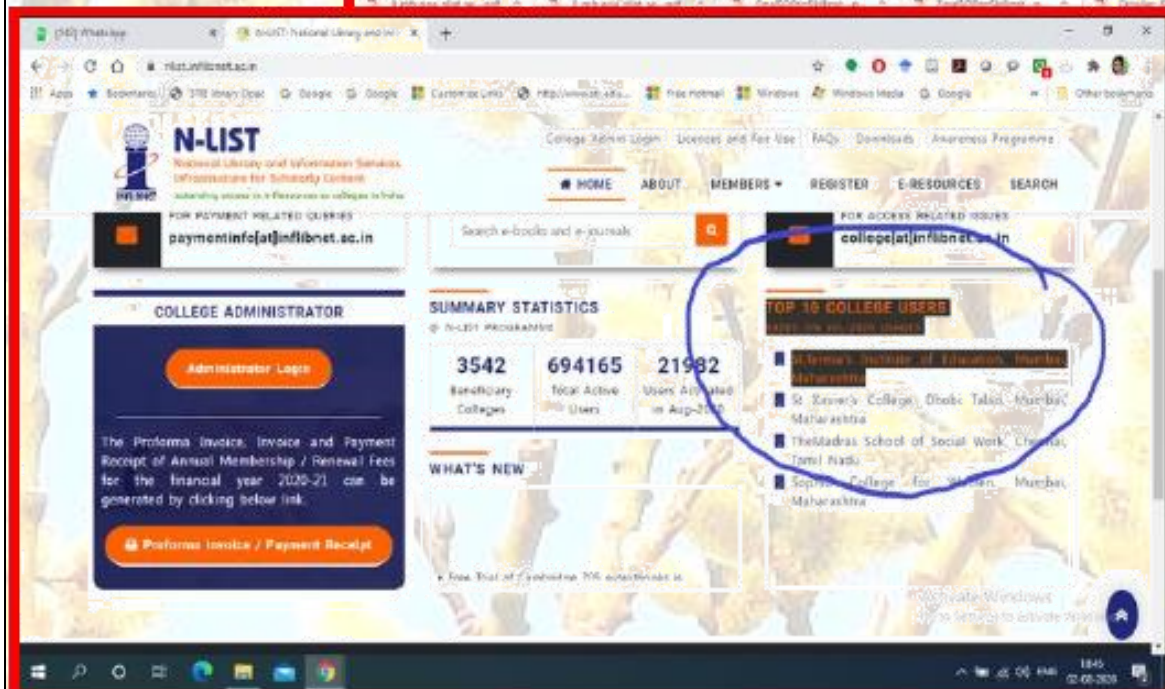
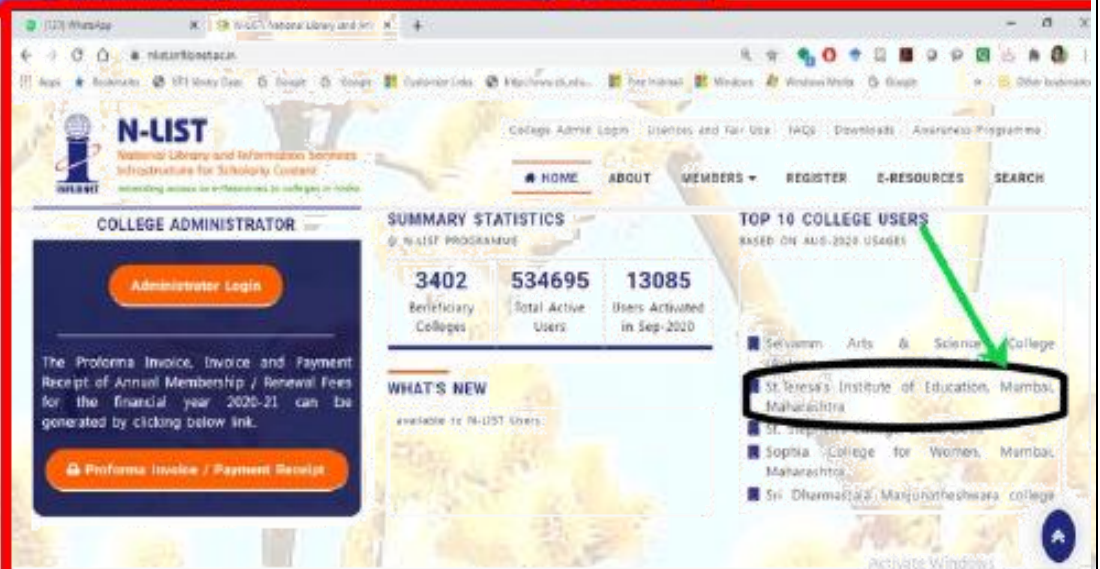
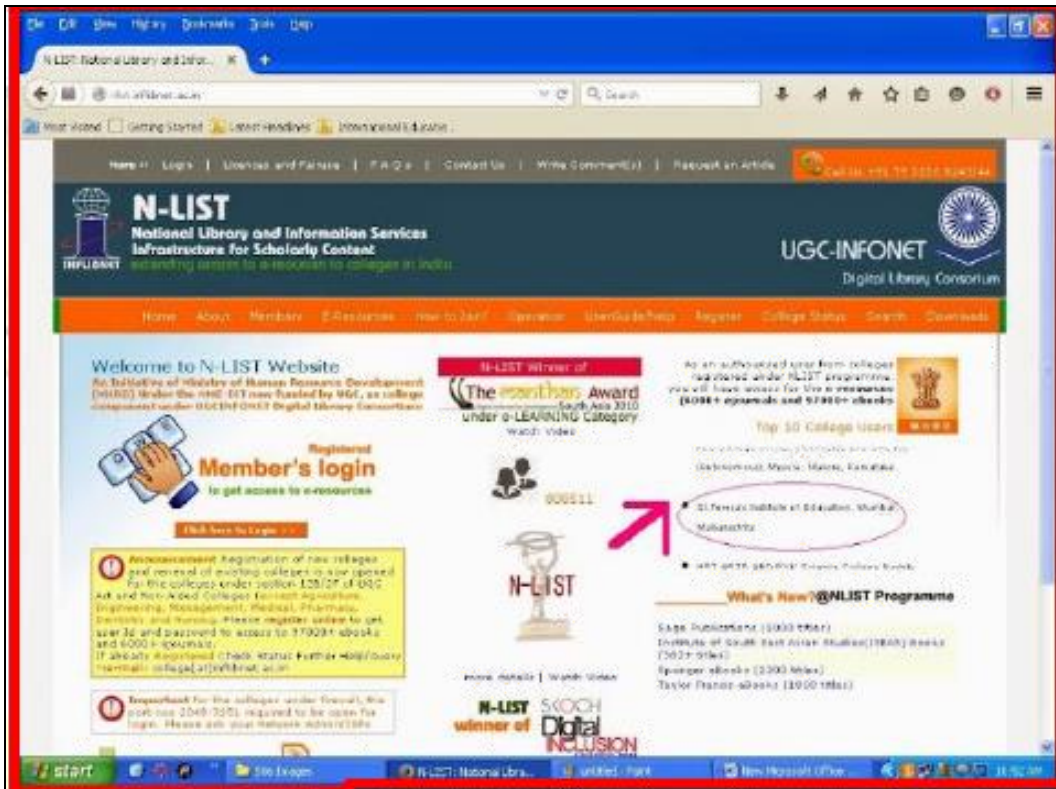
# Paperless Office Transactions & Library Blog/ Repository

The college dissuades the use of unnecessary printouts and hardcopies of documents by changing the mind-set of the students and faculty in the direction of online submission of projects and other necessary documents. Library transactions too are digital as far as possible.

**Initiated from: 2015**









# STIE Library for Teacher Education

Thursday, 25 November 2021

On 1st November, 2021 our NDLI Club was recognized as one of the Best Performing Club across India!



Posted by STIE Library at 22:20 No comments:



Labels: NDLI CLUB, November 2021

## About This Blog



**STIE Library**  
St. Teresa's Institute of Education, S. V. Road, Santacruz (W), Mumbai 54, Maharashtra, India

[View my complete profile](#)

## Blog Archive

- ▼ 2021 (51)
  - ▼ November (1)
    - On 1st November, 2021 our NDLI Club was recognized.
  - October (43)
  - September (7)
- 2020 (52)
- 2019 (9)
- 2018 (4)
- 2017 (2)
- 2016 (3)
- 2015 (13)

## Labels

- Action Research Catalogue
- AQAR
- August 2019
- August 2020
- B. Ed. Curriculum
- Book Display
- Book Exhibition
- Book Review
- CAI Catalogue
- CAS
- Central Teacher Eligibility Test
- CTET
- E-Resources
- Evaluation Project Catalogue
- Full Text to Indian Journals



[HOME](#) [ABOUT US](#) [ADMISSIONS](#) [ACADEMICS](#) [LIBRARY](#) [CONTACT US](#)



St. Teresa's Institute of Education has its resourceful and spacious library located on the ground floor of the institutional building. Library supports the teaching learning and research programs conducted in the institute with its rich and varied collection.

The collection mainly comprises of books, reports, references sources and journals on subjects like Teacher Education, Psychology, Management, Research Methodology, Statistics, Religion, Values and Ethics. The library services are automated with iSLIM Library Management Software. iSLIM is used comprehensively for OPAC, Report Generation, Library Transaction, etc. CCTV Surveillance, Barcode and QR code technologies are implemented in the library.

Library has subscribed NLIST databases through which users will have access to eresources comprising of 6,000+ e-journals and 31,35,000+ e-books. All the staff members and students are provided with individual User IDs and Passwords ensuring 24\*7 accesses to NLIST Resources.

Users can avail reprographic services and free internet facility in the library. Library poses thematic book displays to celebrate days National and International importance. It is also instrumental in organizing Library Orientation Lectures, NLIST Awareness Programs, NDL Workshops, Effective Internet Search Sessions etc. periodically for the library users.

Library resources and space are utilized extensively by extending the library facilities to external users, Ex-students, staff and students of St. Teresa's High School and St. Teresa's D. Ed. College.

[National Education Policy & Other Documents](#)

[B. ED. Question Papers](#)

[Library Web OPAC](#)

[NLIST Web Resources](#)

[Free E-Resources](#)

[Library Blog](#)

[Library On Youtube](#)

[Advisory Committee](#)

[Rules & Regulations](#)

[Library Services](#)

[Library Statistics](#)

[Periodicals Subscribed](#)

[Vaachan Prerana Din](#)

[Library Gallery](#)



The students and faculty engaged in a tree plantation drive to propagate environmental values. The institution actively and constantly keeps expanding its green cover by planting different varieties of medicinal and decorative trees and plants.

**Conducted: Once every year**

# *Tree Plantation Drive 2017 - 2018*





# *Tree Plantation Drive 2019-2020*

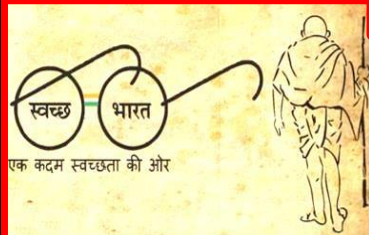




# *Swachh Bharat Abhiyan - Cleanliness Drive*

The Principal, faculty and students engage in a Campus Clean Up Drive wherein students were divided into groups and assigned different parts in and around the campus to clean and beautify the place.

**Conducted: On the occasion of Gandhi Jayanti 2<sup>nd</sup> October every year.**





## *Initiating the felicitation of guests / visitors with Eco-friendly gift items*





# Green Assemblies

Several assemblies during the year related to the theme of Environment and propagated ideas for conservation wherein students shared tips and hacks on related themes such as sustainability, maintaining terrace gardens, hydroponics, etc.

**Conducted:** On-going throughout the year





## ***A charity drive to stress the importance of the Reduce-Reuse-Recycle***

### **Principle**

The college conducts a charity drive wherein used utility articles in good condition were collected and donated to the NGO SPARSHA. This is a part of the celebration of the DAAN Utsav and Joy of Giving week, which instilled values of conservation in the students and faculty.

**Conducted: 21<sup>st</sup> November 2017 to 28<sup>th</sup> November 2017, 4<sup>th</sup>-11<sup>th</sup> November 2019**

### **Objectives:**

- ✓ To foster good habits of caring and sharing with the less fortunate
- ✓ To put old utility articles which are still in good condition to use by those who lack these essential commodities.
- ✓ To practice the 3R formula of Reduce- Reuse-Recycle.

An entire week is dedicated to this noble cause and is celebrated as 'The Joy of Giving Week'. This celebration is concluded by the significant ritual of DAAN UTSAV where the collected articles in a meaningful ceremony are put together and then donated to the NGO.

### **Outcomes:**

- ✓ Putting the 3R Formula into practice
- ✓ Helping in Environmental Conservation





*The Joy of  
Giving Week*

*&*

*DAAN UTSAV*

*2017-2018*





*The Joy of  
Giving Week*

*&*

*DAAN UTSAV*

*2019-2020*



**THE 3-R FORMULA**



## *Need-based Events Relating to Environmental Issues*

### **Workshop on Biodiversity (11<sup>th</sup> January 2020)**

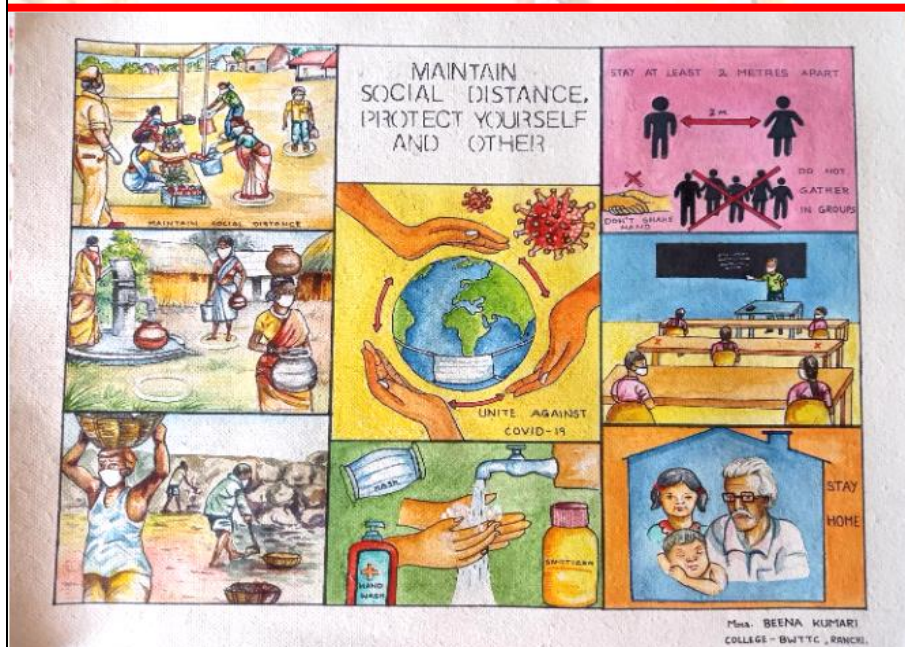
The F.Y.B.Ed. students were oriented to the various causes and effects of loss of biodiversity in order to sensitize them to their role in environmental conservation.





# All India Counter Corona Poster Contest 2020 (14<sup>th</sup> June 2020)

This helped to create awareness among the student and teacher fraternity and sensitized them to the importance of safety norms to be followed during the pandemic. 471 students and teachers across the country participated in the event.





## **E-module Competitions on Green Themes** **(7<sup>th</sup> April, 2018)**

Student teachers prepared E-module presentations to orient school students to Environmental topics such as 'Rain Water Harvesting!', 'Deforestation', 'Ecological Initiatives', 'E-Waste Management', 'Endangered Species' and 'Say No to Plastic'.





## E-module competition on Plant Health and Food Safety

(Theme for the year declared by the U.N) on **8<sup>th</sup> April 2021**

Students engaged in preparing modules on different aspects of plant health and safety to promote awareness on different technologies available to improve agricultural yield and enhance it quality.



### HEALTHY PLANTS HEALTHY HARVEST

CREATING A SECURE  
AND  
SUSTAINABLE WORLD OF FOOD

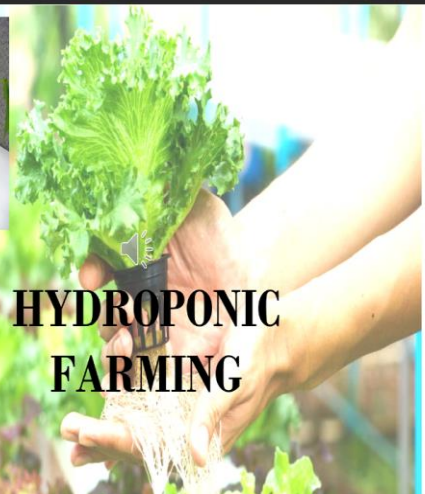


### Factors affecting food sustainability

- ❑ The global food system makes a significant contribution to climate changing greenhouse gas emissions with all stages in the supply chain, from agricultural production through processing, distribution, retailing, home food preparation and waste, playing a part.
- ❑ It also gives rise to other major environmental impacts, including biodiversity loss and water extraction and pollution.

1. Washing your fruits and vegetables with a mix of water and \_\_\_\_\_ can help remove pesticide residues.

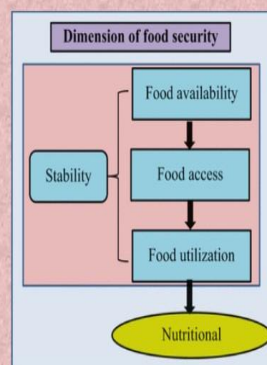
- A. Lime
- B. Baking Soda
- C. Sugar
- D. Vinegar



### HYDROPONIC FARMING

**WHICH DIMENSION OF FOOD SECURITY ENSURES A RELIABLE SUPPLY OF FOOD OF SUFFICIENT QUANTITY AND QUALITY?**

- 1. Access
- 1. Utilization
- 1. Availability
- 1. Stability



**THREE PARAMETERS OF FOOD SECURITY ARE -**

- 1. Affordability, Security, Access
- 1. Availability, Accessibility, Affordability
- 1. Availability, Stability, Security
- 1. Accessibility, Affordability, Access

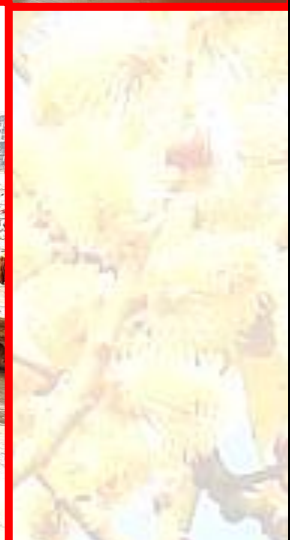




## **Beach Clean-up Drives**

This clean up drive was conducted on the day after the festival of 'Ganesh Chaturthi' (Anant Chaturdashi) wherein faculty and students visited two of the biggest immersion centers (beaches) and whole-heartedly engaged in cleaning up the shore by clearing pieces of idols, garlands, festive decorations etc. left behind or brought back to the shore after immersion. The activity helped to sensitise the students to their role and responsibility in the task of environmental conservation.

**Conducted on: The day after Anant Chaturdashi EVERY year**





# BEACH CLEAN UP DRIVE SHIVAJI PARK SEPTEMBER 10, 2022

Organised by the  
**Environment Club**



Jay Foundation  
Beautiful Minds... Inspire!!

## CERTIFICATE OF RECOGNITION IS PRESENTED TO

*St. Teresa's Institute of Education, Santacruz*

For active involvement in creating public awareness to  
**Protect the Environment and Participate in the Beach clean up drive**  
organized at **Shivaji Park** on **10th September 2022** the day after **Anant Chaturdashi**.

11.09.2022



*Jay*

**Jay Shringarpure**  
FOUNDER / PRESIDENT



St. Teresa's Institute of Education

Santacruz West  
Mumbai 400054



*The Environment Club*  
invites you  
to be a part  
of  
*The Beach Clean-Up Drive*

on  
September 10, 2022 at 7:45 a.m. sharp

Venue: Shivaji Park, Matunga

It's time for S.T.I.E. to Go Green

And gear up to keep the ocean shore clean.

As we celebrate 50 years of our commitment,

**Let's do our bit to save the environment!**

Please don't forget to carry along your face mask,  
drinking water, a cap

**& most of all your precious SMILES!**



Mumbai, Maharashtra, India  
2, Asavari, Shivaji Park, Mumbai, Maharashtra  
400016, India  
Lat 19.03193°  
Long 72.837281°



GPS Map Camera

Mumbai, Maharashtra, India

2RJP+CWP, Asavari, Shivaji Park, Mumbai, Maharashtra  
400016, India



Mumbai, Maharashtra, India  
2, Asavari, Shivaji Park, Mumbai, Maharashtra 400016,  
India  
Lat 19.03192°  
Long 72.837282°  
10/09/22 08:27 AM GMT +05:30



Mumbai, Maharashtra, India  
210, SVS Rd, Asavari, Shivaji Park, Mumbai,  
Maharashtra 400016, India  
Lat 19.03257°  
Long 72.837526°  
10/09/22 08:29 AM GMT +05:30



***Go Green, Glow Green, Grow Green***

**Green Audit**



**Green Audit Report**  
**St. Teresa's Institute of Education**  
S. V. Road, Santacruz West, Mumbai-400054



**September 2021**

Prepared By:  
**STEP PRIVATE LIMITED**

**STEP Private Limited**

112-Midas, Sahar Plaza, J.B.Nagar,  
Andheri-Kurla Road, Andheri (East),  
Mumbai- 400059, India.  
Email: [info@stepsol.com](mailto:info@stepsol.com)







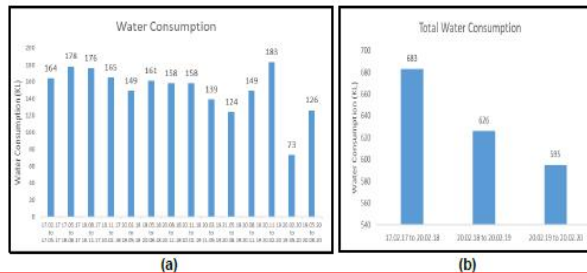
Wide corridor



Adequate sunlight in library

## 2.2 Water Efficiency

- Water source for S.T.I.E. is tap water supplied by Brihanmumbai Mahanagar Palika. Common water meter is installed for water consumption of entire building which is shared with St. Teresa's Junior College of Education and St. Teresa's Convent Special School. Details of water consumption as per water bills are presented in Figure 1(a), it includes consumption by S.T.I.E., St. Teresa's Junior College of Education and St. Teresa's Convent Special School. As presented in Figure 1(b), reduction in yearly water consumption was observed from February 2017 to February 2020.
- As per IS 1172 standards ([http://dasta.in/wp-content/uploads/2015/04/CB\\_Code\\_2002.pdf](http://dasta.in/wp-content/uploads/2015/04/CB_Code_2002.pdf)) for non-residential institutions, water consumption should be maximum 45 L/person/day. Daily average water consumption at S.T.I.E. from February 2019- February 2020 when S.T.I.E. was in operation (before COVID-19 lockdown) works out to be around 6-7 L/person/day, which is well under limit.
- Water consumption from 20.02.2020 to 20.08.2020 is less as S.T.I.E. was non-operational due to COVID-19 lockdown imposed by the Government.



- Separate switches are provided for tube-lights and fans. So, it is possible to switch on a specific light or a fan and to avoid wastage of energy due to common area illumination. Library switchboard is marked indicating tube-lights & fans to avoid unnecessary switching on and thereby avoiding the energy wastage.
- Tube-lights and fans are switched off by students and staff when not in use.
- Energy Conservation signage are displayed continuously on the display TV installed in the corridor to create awareness among staff and students.

## 2.6 On Site Energy Generation

- Liquid petroleum gas (LPG) is not used by S.T.I.E.
- S.T.I.E. along with other institutes/ schools present in the campus is planning to install on-grid solar rooftop PV system in the campus.

## 2.7 Solid Waste Management

- Solid waste generated from campus includes mainly paper waste, wet (organic) waste and E-waste.
- When S.T.I.E. is in operation, daily around 3-4 kg dry waste is generated by S.T.I.E. In areas like classrooms, mostly paper waste and plastic wrappers are generated. Biodegradable wet waste is mostly organic consisting of dry leaves, branches etc.
- Waste bins are provided in staff rooms, classrooms, computer laboratory, washrooms, library and in campus area.
- Segregation of wet and dry waste is practised within the campus. Currently two-colour coded bins- blue (dry waste) and green (wet waste) are used. Wet waste bins should be covered with net to avoid flies' infestation. S.T.I.E. is planning to install four-colour coded bins in October 2021 for segregation of dry waste. Plastic, paper, metal and glass waste will be collected separately.
- S.T.I.E. is in process to install two composting units for wet waste generated in hostel kitchen. Composting units are scheduled to be installed in October 2021 by RUR GreenLife Pvt. Ltd.
- Signage regarding waste segregation are displayed continuously on the display TV installed in the corridor to create awareness among staff and students.



Switchboard with markings



Colour coded bins

## C. Plastic Waste Management

- S.T.I.E. strictly follows the guidelines regarding plastic usage and has prohibited the use of single use plastic e.g., carry-bags, glasses, spoons etc., in the campus.
- The 'Go-Green with Tetra Pak Initiative' was undertaken by S.T.I.E. from 2018-2020 in collaboration with RUR GreenLife Pvt. Ltd and in association with Sahakari Bhandar and Reliance Fresh. Under this initiative 26,026 used Tetra Pak cartons were collected and given to RUR GreenLife Pvt. Ltd for recycling. In return, S.T.I.E. received 3 garden benches and a dustbin made up of recycled Tetra Pak.



Awareness poster to encouraging 'No Plastic Use'



Bench & Dustbin made up of recycled Tetra Pak

## 2.8 Universal Access and Efficient Operation & Maintenance of Building

- S.T.I.E. is easily accessible by train and bus services.
- Ramp is provided for specially abled persons. Handrails were seen on one side on all staircases.

- The 'Go Green with Tetra Pak Initiative' was undertaken by S.T.I.E. from 2018-2020 in collaboration with RUR GreenLife Pvt. Ltd and in association with Sahakari Bhandar and Reliance Fresh. Under this initiative 26,026 used Tetra Pak cartons were collected and recycled.
- S.T.I.E. conducts tree plantation drive every year in the campus. S.T.I.E. actively keeps expanding its green cover by planting different varieties of native, medicinal & decorative trees and plants.
- Eco-friendly gifts such as saplings, cloth carry bags, cloth files etc are given to guests and visitors as memento.
- S.T.I.E. conducts several assemblies throughout the year related to the theme of environment and propagates ideas for conservation wherein students share tips and hacks on related themes such as sustainability, maintaining terrace gardens, hydroponics etc.



Plant-E Festival



Green Assemblies



M.A.D. week celebration



GPS Based  
**Tree Inventory Report**

St.Teresa's Institute Of Education, Santa Cruz, Mumbai.

September, 2021.

**Tree**  
**Landscaping**  
**Inventory**



**Terracon Ecotech Pvt. Ltd.**

202, Kingston, Tejpal Road. Vile Parle (East),  
Mumbai – 400057 (INDIA)





SN	SCIENTIFIC NAME	ENGLISH COMMON NAME	MARATHI LOCAL NAME	FAMILY	ORIGIN	IUCN STATUS	COUNT
15	<i>Kigelia pinnata</i>	Sausage tree	NA	Bignoniaceae	Exotic	LC	1
16	<i>Mangifera indica</i>	Mango	Amba	Anacardiaceae	Native	DO	15
17	<i>Manilkara zapota</i>	Sapodilla	Chickoo	Sapotaceae	Exotic	-	2
18	<i>Moringa oleifera</i>	Drumstick tree	Shevga	Moringaceae	Native	LC	4
19	<i>Phyllanthus acidus</i>	Star gooseberry	Rai avala	Phyllanthaceae	Native	-	3
20	<i>Platycladus orientalis</i>	Oriental thuja	Morphankhi	Cupressaceae	Exotic	NT	1
21	<i>Polyalthia longifolia</i> var. <i>longifolia</i>	Mast tree	Asupalav	Annonaceae	Native	-	6
22	<i>Polyalthia longifolia</i> var. <i>pendula</i>	Mast tree	Asupalav	Annonaceae	Native	-	9
23	<i>Pongamia pinnata</i>	Indian beech tree	Karanj	Fabaceae	Native	LC	1
24	<i>Psidium guajava</i>	Guava	Peru	Myrtaceae	Exotic	LC	3
25	<i>Spathodea campanulata</i>	Fountain tree	Pichlari	Bignoniaceae	Exotic	LC	1
26	<i>Syzygium cumini</i>	Java plum	Jambul	Myrtaceae	Native	-	1
27	<i>Syzygium jambos</i>	Rose Apple	Jamb	Myrtaceae	Exotic	LC	1
28	<i>Tamarindus indicus</i>	Tamarind	Chinch	Fabaceae	Exotic	LC	1
29	<i>Terminalia catappa</i>	Indian almond	Desi badam	Combretaceae	Native	LC	1
30	Unidentified species	NA	NA	NA	NA	NA	1
31	Dead tree						3
Total number of individuals							94

### 3. INVENTORY – SHRUBS, HERBS, CLIMBERS AND TWINER'S

SN	HABIT	SCIENTIFIC NAME	LOCAL NURSERY NAME	FAMILY
1	Climber/ Twinner	<i>Campsis</i> sp.	NA	Bignoniaceae
2	Climber/ Twinner	<i>Clerodendrum thomsoniae</i>	Bleeding-heart vine	Verbinaceae
3	Climber/ Twinner	<i>Ipomoea quamoclit</i>	Cypress vine	Convolvulaceae
4	Climber/ Twinner	<i>Jasminum auriculatum</i>	Juli	Oleaceae
5	Climber/ Twinner	<i>Jasminum multiflorum</i>	Jai	Oleaceae
6	Climber/ Twinner	<i>Passiflora coccinea</i>	Red Passiflora	Passifloraceae
7	Climber/ Twinner	<i>Philodendron</i> sp.	Philodendron	Araceae
8	Climber/ Twinner	<i>Scindapsus aureum</i> var. "Gold king"	Golding Money plant	Araceae
9	Climber/ Twinner	<i>Scindapsus aureum</i> var. "green"	Green Money plant	Araceae
10	Climber/ Twinner	<i>Scindapsus aureum</i> var. "neon"	Golden money plant	Araceae
11	Herbs	<i>Aglaonema commutatum</i> "Lipstick"	Aglaonema lipstick	Araceae
12	Herbs	<i>Aglaonema commutatum</i> "silver queen"	Chinese evergreen	Araceae
13	Herbs	<i>Anthurium</i> sp.	Anthurium	Araceae
14	Herbs	<i>Asparagus aethiopicus</i>	Fox tail Asparagus	Asparagaceae
15	Herbs	<i>Asparagus setaceus</i>	Lacy Asparagus Fern	Asparagaceae
16	Herbs	<i>Calathea tricolor</i>	Maranta	Marantaceae
17	Herbs	<i>Chlorophytum comosum</i>	Spider plant	Asparagaceae
18	Herbs	<i>Coleus amboinicus</i>	Mexican mint	Labiatae
19	Herbs	<i>Colocassia</i> sp.	Colocassia	Araceae
20	Herbs	<i>Costus pictus</i>	Painted Spiral Ginger	Costaceae
21	Herbs	<i>Crossandra</i> sp.	Pink aboli	Acanthaceae

TERRACON ECOTECH PVT. LTD.

2

## GPS Based Tree Inventory Report

The field survey was conducted in September 2021 in the St. Teresa's Institute Of Education, Santa Cruz to document the floristic diversity. Trees with a girth (Diameter) of 10 cm and above are geotagged. Whereas, the individuals having a girth less than 10 cm (0.1m) are listed in the inventory.

### 1. SUMMARY TABLE

SN	Particulars	Remarks
1	Tree species documented	33 Species belonging to 18 Families were documented.
2	Tree species Geotagged	30 Species (Out of this, 3 species are not listed in tree inventory.
3	Total tree Individual Geotagged	94 trees were geo tagged during the survey.
4	Tree species (non-geotagged)	3 Species (Individuals of Night-flowering jasmine, Ceylon Iron wood and Curry leaf were having girth of less than 10 cm, hence were kept untagged.)
5	Tree species (Unidentified)	Out 1 Tree species remain unidentified.
6	Native species	17 Trees species
7	Exotic species	15 Tree species.
8	Shrubs, Herbs, Climbers and Twinner's	Shrubs (26 species) Herbs (33 species), Climbers and twiners (10 species).
9	RET (Rare, Endangered and Teatened Species)	Oriental Thuja is categorised under the IUCN redlist, as a "Near Threatened" species. Being an exotic ornamental species, and planted on the large scale it is not a species of concern.

### 2. TREE INVENTORY, INDIVIDUAL COUNT AND LAYOUT

#### 2.1 Individuals of trees

Trees species with the individual count are as follows

SN	SCIENTIFIC NAME	ENGLISH COMMON NAME	MARATHI LOCAL NAME	FAMILY	ORIGIN	IUCN STATUS	COUNT
1	<i>Albizia saman</i>	Rain tree	Gulabi shirish	Fabaceae	Exotic	LC	1
2	<i>Araucaria columnaris</i>	Christmas tree	NA	Araucariaceae	Exotic	LC	2
3	<i>Artocarpus heterophyllus</i>	Jackfruit	Phanas	Moraceae	Native	-	4
4	<i>Averrhoa bilimbi</i>	Cucumber tree	Bilambi	Oxalidaceae	Exotic	-	1
5	<i>Averrhoa carambola</i>	Star fruit	Karmal	Oxalidaceae	Native	-	1
6	<i>Azadirachta indica</i>	Margosa tree	Kadulimb	Meliaceae	Native	LC	5
7	<i>Bauhinia acuminata</i>	Dwarf White orchid tree	NA	Fabaceae	Exotic	LC	2
8	<i>Cassia siamea</i>	Siamese cassia	Kasod	Fabaceae	Exotic	LC	2
9	<i>Citrus limon</i>	Lemon	Limbu	Rutaceae	Native	LC	1
10	<i>Cocos nucifera</i>	Coconut	Naral	Arecaceae	Native	-	17
11	<i>Cupressus sempervirens</i>	Mediterranean cypress	NA	Cupressaceae	Exotic	LC	1
12	<i>Delonix regia</i>	Royal Poinciana	Gulmohur	Fabaceae	Exotic	LC	1
13	<i>Eucalyptus globulus</i>	Eucalyptus	Nilgiri	Myrtaceae	Exotic	LC	1
14	<i>Ficus benghalensis</i>	Banyan tree	Vad	Moraceae	Native	-	1

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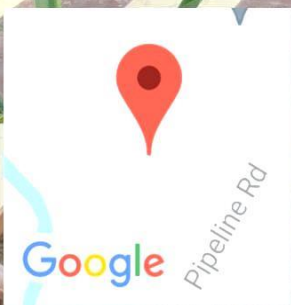




*Rain Water Harvesting System*  
*at*  
*St. Teresa's Institute of Education*



**Drainage  
pipes  
carrying  
rainwater  
from the  
Terrace  
into the  
Storage  
Tank**



मुंबई, महाराष्ट्र, India  
St. Teresa's Institute of Education  
Lat 19.081439°  
Long 72.85114°  
20/01/22 01:13 PM

GPS Map Camera



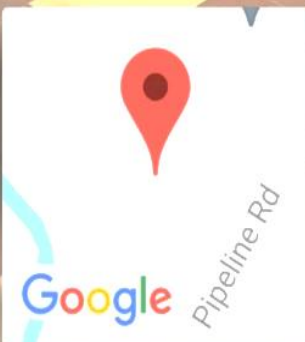
# ***Rain Water Harvesting System***

RWH is comprised of rooftop water collection system and captured rainwater is partly stored in underground rainwater storage tank & remaining is used for recharging ground water.



**Storage Tank with collected rainwater used for watering plants on the campus**

GPS Map Camera



मुंबई, महाराष्ट्र, India  
St. Teresa's Institute of Education  
Lat 19.081439°  
Long 72.85114°  
20/01/22 01:13 PM



## *Aerators fitted in the taps to reduce water wastage by 90%. & Dual Flush Tank Systems*



GPS Map Camera



**Mumbai, Maharashtra, India**

St. Teresas Institute Of Education St. Teresas Institute Of Education Special School, 2nd Hasnabad Ln, Willingdon, Santacruz West, Mumbai, Maharashtra 400054, India  
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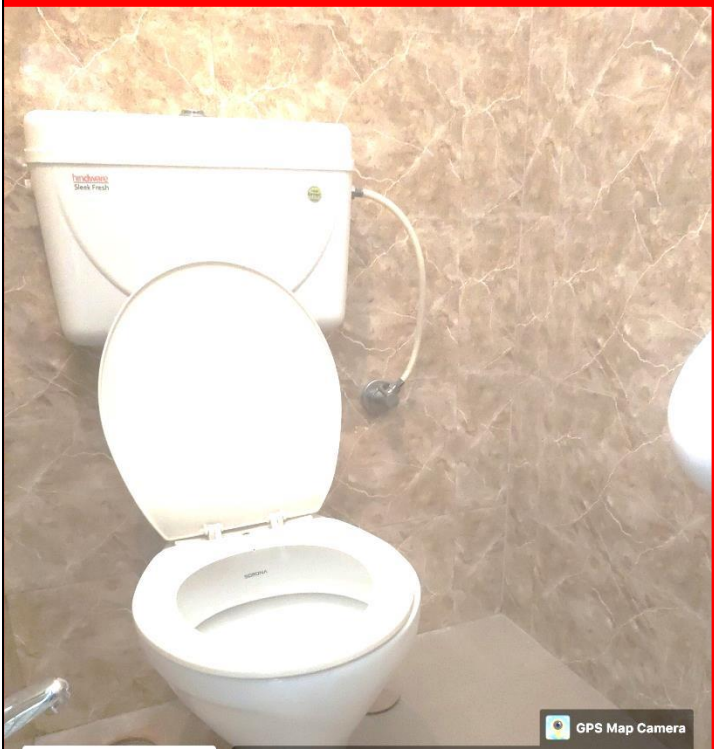


GPS Map Camera



**Mumbai, Maharashtra, India**

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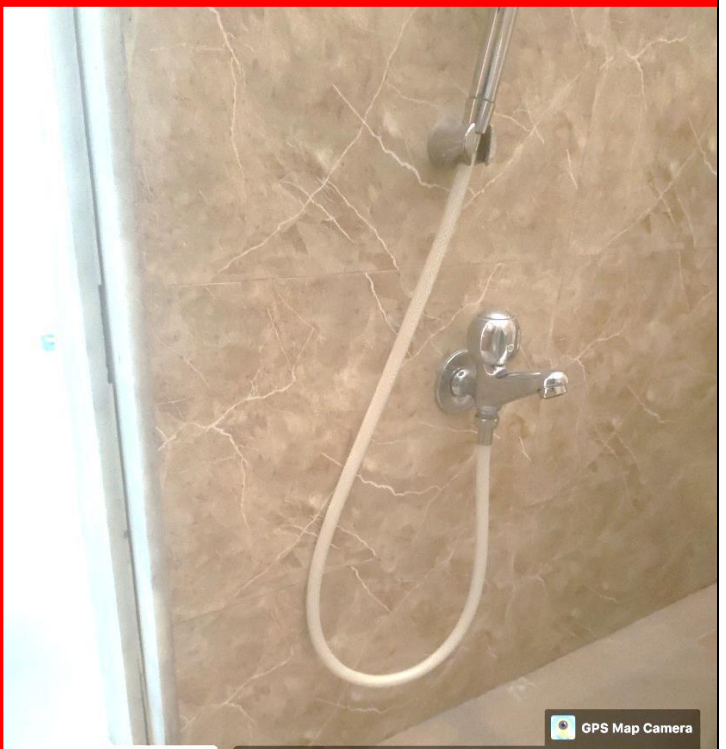


GPS Map Camera



**मुंबई, महाराष्ट्र, India**

St. Teresa's Institute of Education  
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10/11/22 12:41 PM



GPS Map Camera



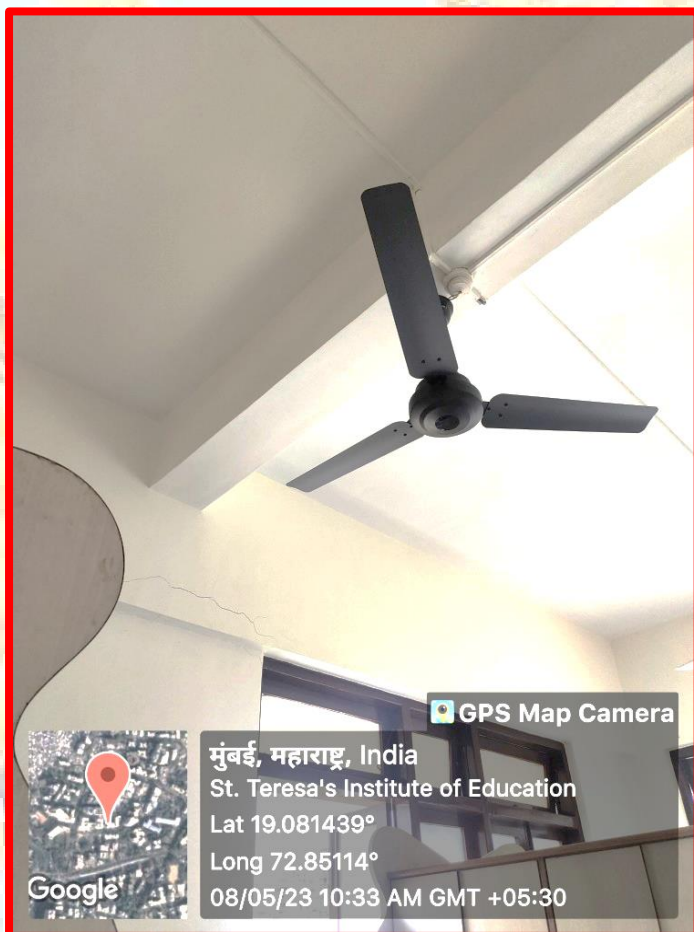
**मुंबई, महाराष्ट्र, India**

St. Teresa's Institute of Education  
Lat 19.081439°  
Long 72.85114°  
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## *Installation of BLDC Fans*

Brush-Less Direct Current (BLDC) offers tremendous benefits with a power-saving medium. BLDC motor fans have a rotor as a permanent magnet that functions with no heat generation. That reduces the wear and tear of the fans and consumes less electricity. When you compare BLDC fans v/s normal fans in terms of power-saving, BLDC motors are far more energy efficient than regular ceiling fans. This is because they can minimise power utilisation by up to 60% over conventional induction motor fans.





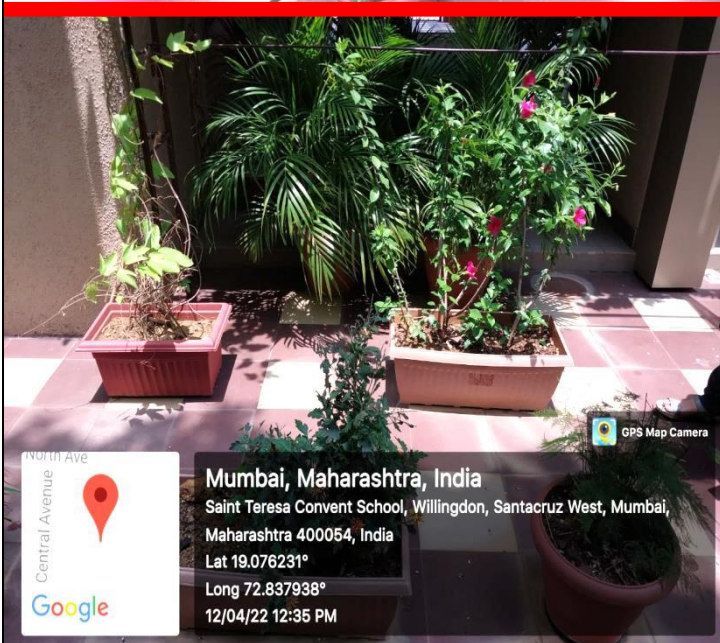
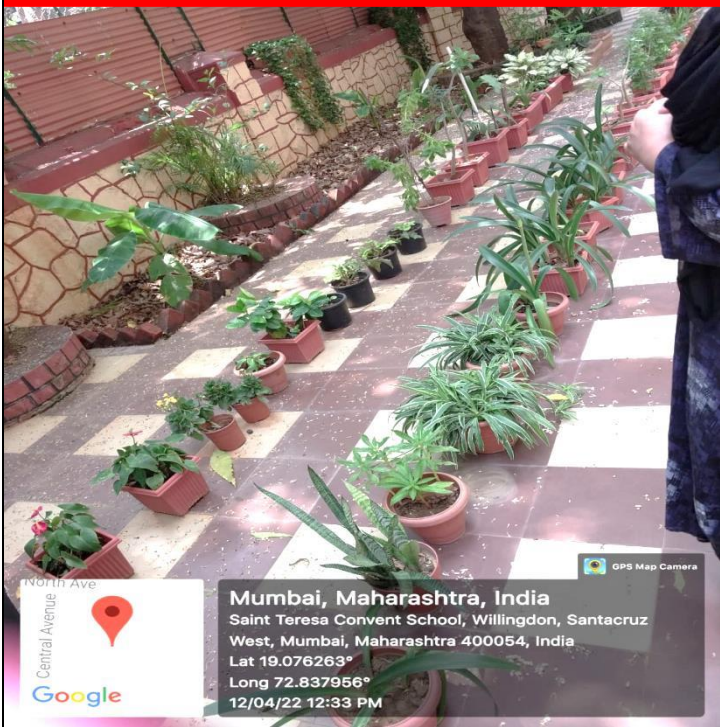


## *Green Tour of the Campus*

The college has a sprawling green campus of 15, 175 sq.m. which is home to a variety of plants and birds. The student teachers are taken on a guided tour of the campus to orient them to a number of eco-friendly endeavours such as the Rain Water Harvesting System for water conservation, the installed Solar Panels for energy conservation and the Organic Composting Project wherein they are given a live demonstration using the installed composting bins. Using the Google Lens app the teacher trainees are encouraged to identify the species of different plants, climbers and trees on the campus and learn about their distinguishing features and uses. This endeavour bridges the gap between what they learn in theory and actually seeing these things in their natural setting.



# 2021 - 2022



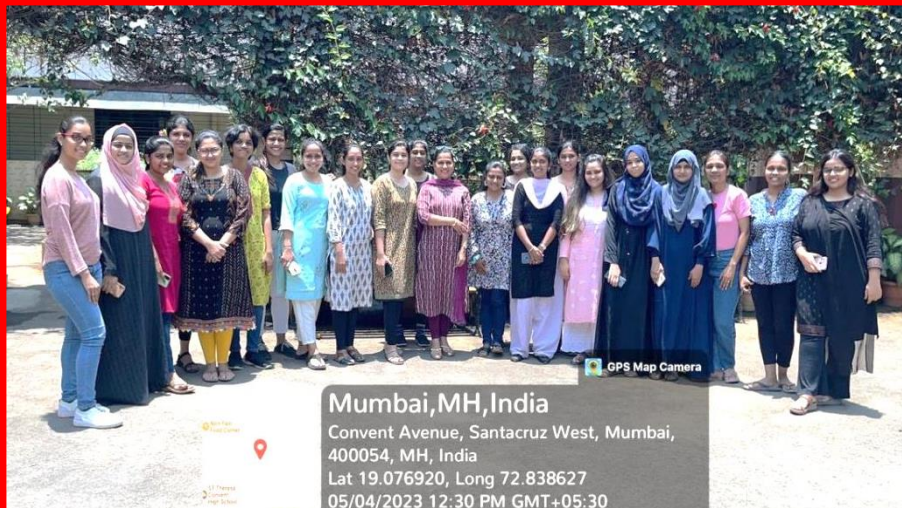


# 2022 - 2023

## Use of Solar Panels



## Rain Water Harvesting System



## Use of Google lens by Teacher-trainees to identify species of plants on the campus





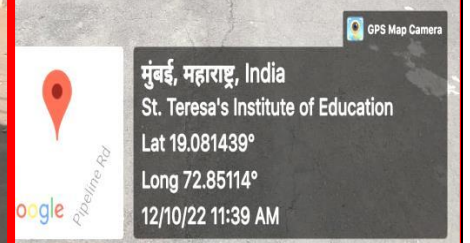
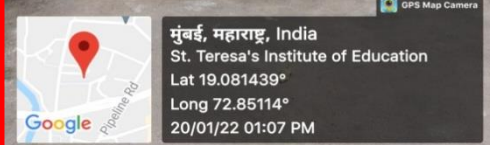
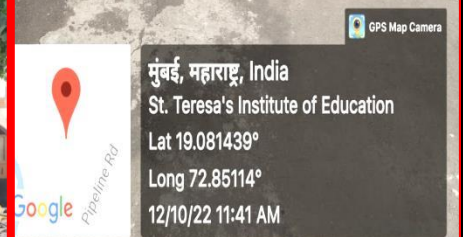
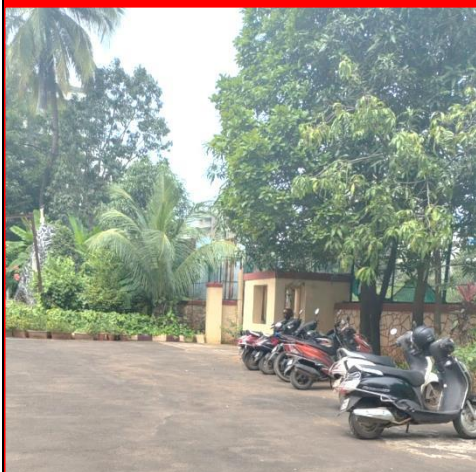
# Bird and Butterfly Feeders

In a bid to preserve and increase the population of sparrows and butterflies which are almost going extinct, the EVS club as part of the MAD week activity engages students in preparing bird and butterfly feeders which are positioned /placed among the shrubs or trees on the campus. This sensitises the trainees to their role in the journey of environmental protection.





# Green Campus Clean Campus





## Celebrating 50 Green Years of Excellence in Education through the Eco-Endeavour पेड़ Promotion!

By Prof. Dr. Giselle D'souza - 1, April 2023

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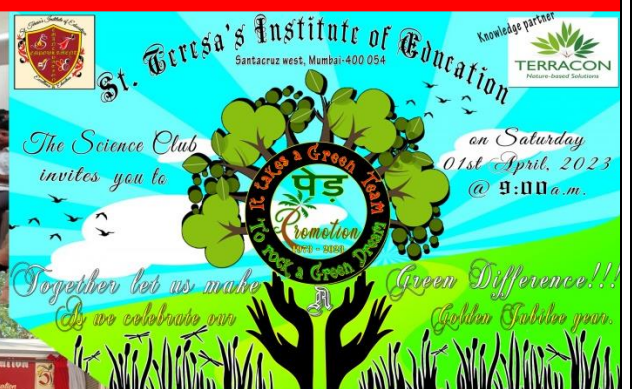
# Tree Labelling Endeavour on the College Campus

The 'Green Highlight' of the Golden Jubilee Year celebrations at St. Teresa's Institute of Education, Santacruz was titled 'पेड़ Promotion' - a Tree Landscaping Inventory of the sprawling 15,175 sq. metre campus on which the college is situated. The expansive green cover well makes it a 'Savannah' right at the heart of the city of Mumbai. The college holds a distinct green edge over other institutions on account of its innovative environmental endeavours over the past few years, ranging from the launching of the first-ever All-Mumbai Interschool/Intercollegiate Environment festival titled Planit-E, the annual Make a Difference Week to sensitise students, faculty and other stakeholders to their role in environmental stewardship, the RIPPLE model conceptualized for the Go Green with Tetra Pak Campaign and The Composting of Organic Waste to name a few.

This year, the college added a dash of green to its Golden Jubilee Year celebrations by tying up with a knowledge partner-Terracon Ecotech, a Nature-based Solutions company focusing on Ecology and Biodiversity over the last 13 years, having completed over 100 projects aimed at spreading knowledge and protecting greens in urban environments. In the first phase of the green endeavour, Mr. Ashok Jain (The Managing Director) and his team of botanists Nitesh Nikam and Gauri Joshi completed the Tree Landscaping Inventory of the campus identifying a green treasure of 101 species of plants comprising 17 native species and 15 exotic species of trees, 26 species of shrubs, 33 species of herbs and 10 species of climbers/twiners. In the second phase of the project 'Green Genie'-Tree researcher Aditi Jayakar Kane who has been involved with the Green movement in Santacruz West along with the Science club of the college, collected species-specific information about the 29 varieties of trees which were geo-tagged on the campus. To mark the Golden Jubilee Year, a Tree Information Board at the entrance of the campus and individual Tree Label placards were installed to propagate environmental awareness, making a green difference to visitors and the stakeholders of the 4 institutions housed on the campus.

The inaugural ceremony held on April 01, 2023, witnessed the appreciation of the Management, Environmental NGOs Terracon Ecotech and RUR Greenlife Pvt. Ltd. faculty, students and other environmental enthusiasts who were present. Principal Dr. Sr. Tanuja Waghmare beamed with pride as another green feather was added to the already adorned hat of the institution. She summed up the event as 'The Green Jewel in the institute's Golden Jubilee crown'. The endeavour was spearheaded by Prof. Dr. Giselle D'souza who has been instrumental in conceptualizing many of the green escapades of the college. In the Professor's closing statement, she declared, "It takes a team to rock a dream and this green mission has only taken off because faculty and students of the institution are wholeheartedly committed to a green cause". Indeed, पेड़ Promotion-a student-driven endeavour truly showcases the zeal of the youth towards a greener tomorrow!









*And so our **Green Journey** continues.....*  
*As we keep scaling the heights of*  
***Excellence!!!***

