

### **7.1.3.1: Beyond-campus environmental promotional activities**

Environmental sustainability is a shared responsibility, and as a part of our commitment to this cause, BNCA has extended its efforts beyond the campus. BNCA has various cells like the SDG hub, NSS team, Environmental Department, and Landscape Department that regularly organize activities and awareness drives to promote eco-consciousness and contribute to the community's ecological well-being. Through workshops, seminars, and community interactions, these campaigns aim to educate and inspire individuals about sustainable living practices and environmental conservation. The activities aimed to address pressing environmental issues through practical and impactful measures include the following.

- **Cleanliness Drives:** Organized to instill a sense of hygiene and responsibility within the community, these drives focused on cleaning public spaces and creating a cleaner environment.
- **Upcycling Cloth Drive:** An initiative to repurpose old clothes into usable products, reducing waste and encouraging sustainable consumption practices.
- **Upcycling Plastic Drive:** This effort aimed to minimize plastic waste by creatively reusing discarded plastic items and promoting the importance of reducing single-use plastics.
- **Cosmos Eradication Drive:** Conducted to enhance local biodiversity and improve the health of green spaces, these drives removed invasive species that hinder the growth of native flora.
- **Nirmaya Collection Drive:** This initiative collected organic waste from flowers and plants, emphasizing composting and waste segregation practices.
- **Environment Awareness Campaigns:** Through workshops, seminars, and community interactions, these campaigns aimed to educate and inspire individuals about sustainable living practices and environmental conservation.
- **Participation in events and competitions** related to environmental conservation, climate change, urban place-making, and carbon footprint.

This collective effort underscores the college's dedication to environmental stewardship, fostering a culture of sustainability and responsibility within and beyond our institution.

- **Nirmalya collection drive**

The NASA and the NSS Unit of BNCA conducted a Nirmalya Collection Drive on 9th September 2022, the last day of Ganapathi at the Visarjan Ghats in Karve Nagar. Over 40 Students volunteered in urging citizens to come forward and collect the Nirmalya in one place. The students helped and guided the citizens in the process. Nirmalya and plastic waste were segregated by the students and collected in two different bags.



*Students collecting Nirmalya at Visarjan ghat in Karve Nagar. 09/09/2022*

- **Cosmos Eradication**

On 18 September 2022 SDG Student Hub of Dr. Bhanuben Nanavati College of Architecture, Pune collaborated with (MABI) movement against biological invasion for Cosmos eradication drive, an ecological initiative at Taljai Hills led by Dr. Sachin Puneekar and Sathya Natrajan alongside with Biosphere, PICT , PMC.



*Cosmos eradication drive at Taljai, Pune, 18-09-2022*

- **Plagathon – Cleanliness Drive**

In a bid to spread awareness about cleanliness among citizens, on 5<sup>th</sup> June 2022, World Environment Day, the Pune Municipal Corporation (PMC) under the Swachh Bharat Abhiyan had organized a special Plagathon drive which involved collecting trash during jogging in the morning hours. And, we at Dr. Bhanuben Nanavati College of Architecture's SDG student hub 2021-22 took part in it enthusiastically. The objective was to address the plastic pollution in our city, waste management & encourage the well-being of the participants.



*Image 01: Starting point A (Lane number 01, Karvenagar)*



*Image 02: Endpoint B (Rajaram Bridge)*



*Image 03: Eco factory foundation plants (Bhide Bridge)*



*Image 04: Oath of cleanliness at Bhide bridge, Pune*

- **Environment Week 3-7<sup>th</sup> June 2024**

Environment Week was celebrated by organizing various small-scale activities by the students. Some students attended the Tree Plantation Program conducted by the Pune Municipal Corporation at Sambhaji Park from 5 to 14 June 2024, where the PMC sold Indigenous big tree varieties such as Jamun, Arjuna, Tamarind, Tamhan, etc.



*Indigenous tree sapling at Sambhaji Park, Pune*

- As a Class (M. Arch EA) students took to the college social media handles to educate their viewers about simple ways in which the Environment can be safeguarded



- **Urban 95, Tactical Urbanism Intervention, February 2024**

Urban95 Pune is a Bernard Van Leer Foundation initiative that works with Pune Municipal Corporation to support the healthy development of young children in Pune. BNCA as an institution of Architecture collaborated with Egis to help ideate, design, and implement the pilot intervention that is ITC friendly. The intent of this collaboration is to seek innovation and low-cost ideas with the help of collaboration with academia.



*Students presenting design ideas to Ar Sameer Hajeernis, Egis team (Urban95 coordinator)*



*BNCA students working on the implementation of place-making exercise at Pune*



*ITC-friendly seating and demarcation of 'Child Friendly Zone' after completion*

- Cloth Upcycling - 26,27 Dec 2021



Event 06 | 26-27 Dec. 2021

# Sustainable Cloth Upcycling

Initiated by Shraddha Kalyani, Arya Powar, Eesha Deshpande, Shweta Bansal, Pranita Patil, Vrushali Pokharkar, Saima Shaikh, Trushna Dantale

SDG Student hub organised a Cloth donation drive at Aundh, Baner, Kondhwa, and Pimple-Saudagar in Pune city. Further, the clothes were donated to 'Goodwill India' that is an NGO and a social organisation doing social work for the last three & half years.

They collect clothes from all over the Pune and distribute them to the needy and underprivileged people after due processing.

There was an overwhelming response from all the locations. An article about the drive was published in the newspaper 'Lokmat Times'.



Images from the event

## SUSTAINABILITY FACTS/ NEWS

07

500,000 trees are cut down to produce Sunday newspapers each week. If we all recycled all our newspapers, we could save about 250,000,000 trees each year!

08

Plastic bags and Styrofoam containers take up to thousands of years to decompose. When they are dumped in the environment, they kill thousands of marine animals and contaminate soil and water.



**BNCA**  
DR. BHANUBEN NANAVATI  
COLLEGE OF ARCHITECTURE  
FOR WOMEN  
KARVE ROAD, PUNE - 411002



**SDG Student Hub**  
Dr. Shrushti Nanavati College of  
Architecture for Women



| 07

- Plastic waste Upcycling - 1-28 Feb 2022

Event 08 | 1-28 Feb. 2022

# Upcycling Plastic Waste

By Arya Power

Plastic Pollution is the biggest environmental threat today. Taking part in the Swachhata Abhiyan with a twist, students from BNCA are on a mission to change the face of the city.

SDG Student hub organised a Plastic upcycling drive, where they collected the single used plastic waste and further donated it to Eco-Kaari. Eco-Kaari is a social enterprise that produces Premium, Vegan, Eco-Friendly, Sustainable, Ethical, Upcycled, Handmade Products made from Waste Plastic using Charkha & Handloom.

Its mission is to deliver outstanding usable products like handbags, purses, pouches, sleeves and stationary, etc. The SDG student hub members also visited the place where EcoKaari works to understand the procedure of upcycling the plastic waste into beautiful products.

*“Never doubt that a small group of thoughtful, committed citizens can change the world; indeed, it is the only thing that ever has.”*

- Margaret Mead



Images from the event



- Talk on reviving traditional water sources in Maharashtra 7- 22 Jan 2022

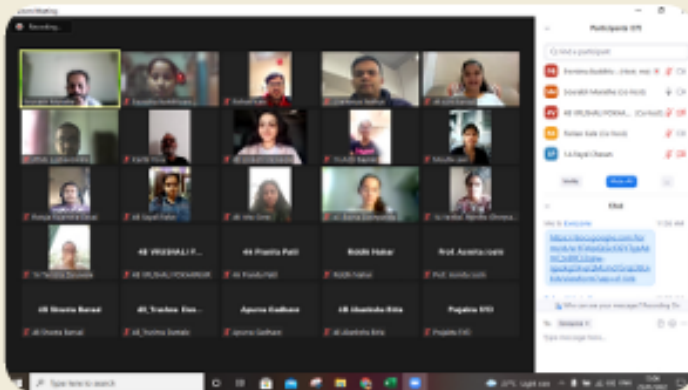
Event 07 | 22 Jan. 2022

# Stepwell Campaign S-Talk

By Rohan Kale

The state of Maharashtra has thousands of step-wells, if revived, they could become an excellent source of water for drinking and domestic use for people in rural areas. And the first step to doing this is to map and document all. With this goal in mind, Rohan Kale and his team have set out on a journey to explore the historic step-wells in Maharashtra and have mapped 1600+ step-wells so far.

To have a piece of explicit knowledge about this campaign, Rahul Kale was invited as the speaker to put light on the conservation of step-wells through people's participation in Maharashtra Stepwell Campaign.



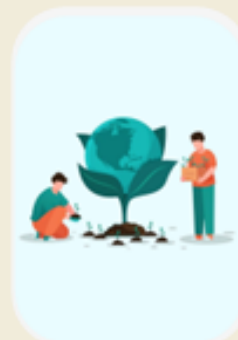
## SUSTAINABILITY FACTS/ NEWS

09

Scientists Show That at Least 44 Percent of Earth's Land Requires Conservation to Safeguard Biodiversity and Ecosystem Services.

10

Many plastics that are labelled as biodegradable are only compostable under industrial conditions, but scientists at the University of Bath have now found a way to make plastics break down using only UV light.



| 08



- Talk on the importance of mindful consumption

Event 09 | 26 Feb. 2022

# A Girl on a Wingchair S-Talk

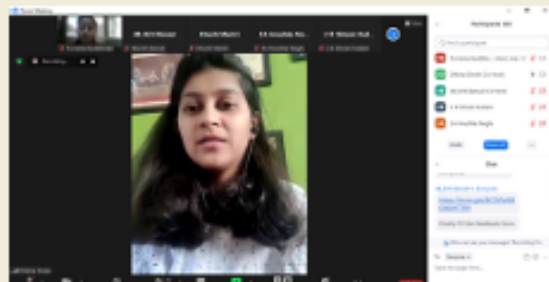
By Diksha Dinde



SDG Student hub organized a talk with Diksha Dinde who is currently working with Durgadevi Charitable Trust as an Assistant Project Manager. At DDCT, they have trained teachers on the concept of constructivism by keeping students at the center of the education system. She did graduation in Business Administration and Masters in History.

Through various organisations and individual participations, she has assisted PWDs and worked with the government and schools to give suggestions on accessibility. She is a motivational speaker and through her speeches, she tries to sensitize people towards this issue.

She is also running one start-up called 'The Womanism'. It's a platform for women to sell their merchandise.



**“Reducing our levels of consumption will not be a sacrifice but a bonus if we simply redefine the meaning of the word ‘success.’”**

- David Wann

**“Look after the land and the land will look after you, destroy the land and it will destroy you.”**

## SUSTAINABILITY FACTS/ NEWS

**11**

2.5 billion people worldwide lack access to basic sanitation and almost 800 million people lack access to water.

**12**

Global unemployment increased from 170 million in 2007 to nearly 202 million in 2012, of which about 75 million are young women and men.



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BANKERS' NATIONAL COUNCIL OF ARCHITECTURE  
DR. BHANUBEN NANAVATI  
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| 10

Event 10 & 11 | 1-27 June 2022

# Stationery and Sanitary pads collection

Initiated by Pornima Buddhivant, Eesha Deshpande, Mishika Hirwani, Arya Powar, Komal Jain, Kirti Bansal, Ananya Kawane, Bhumi NGO

BNCA SDG Student hub, with an urge to fulfill the SDGs, initiated stationery and sanitary pads collection drive to help children to assist SDG 4 that us Quality Education and women with sanitary pads to promote SDG 5- Gender Equality.



Images from the event



“Achieving gender equality requires the engagement of women and men, girls and boys. It is everyone’s responsibility.”

- Ban Ki-Moon

## SUSTAINABILITY FACTS/ NEWS

13

Children in the poorest 20% of the population are still up to three times more likely to die before their fifth birthday than children in the richest quintiles.

14

Enrolment in primary education in developing countries has reached 91%, but 57 million children remain out of school.

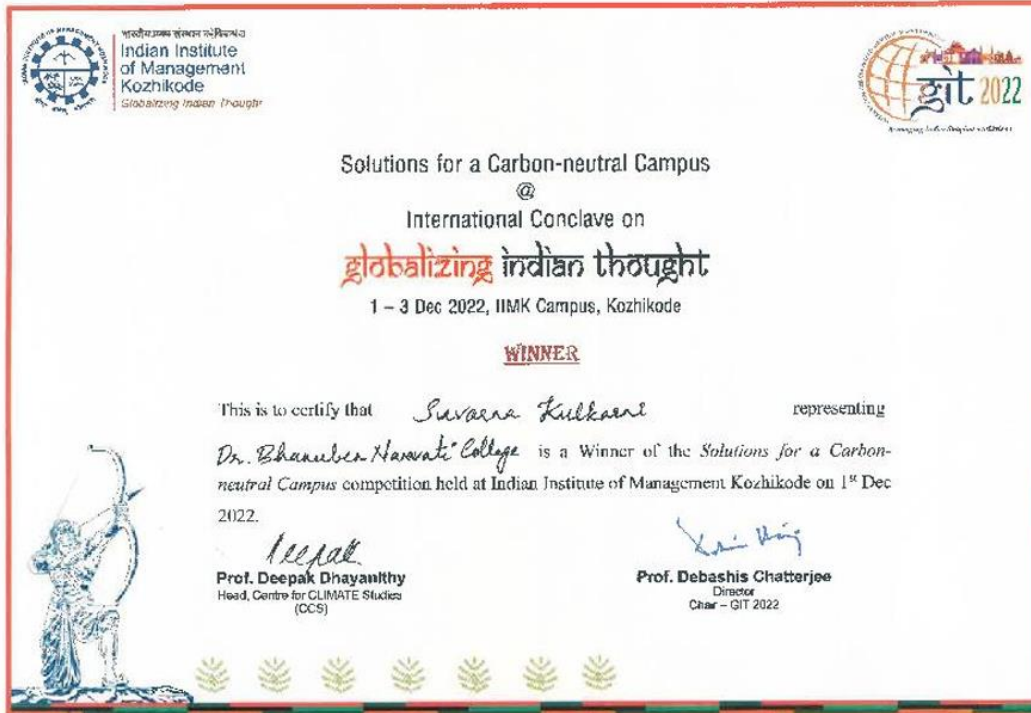


SDG Student Hub  
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**i. Awards and Competitions**

- BNCA students won the ‘Solutions for Carbon Neutral Campus’ organized in December 2022 by the Indian Institute of Management, Kozhikode’s Centre for Climate Studies. The team won the prize for the report on the carbon emissions of MKSSS campus, and the measures undertaken by the institute to reduce the same.



- Kirloskar Vasundhara Festival

BNCA has been participating in the Green College Clean College Competition (GCCC), organized under the Kirloskar Vasundhara festival since 2019, and has won the competition several times. It is a participatory movement of college administration, staff, and students to transform the college campus towards using natural resources (water, energy, etc.) with maximum efficiency while generating the minimum possible waste of any type.



2022-23



2021-22



2019-20

- ISHRAE Pune felicitated BNCA's Dept. of Environmental Architecture for their contribution in the field of Energy, Efficiency, and Sustainability education on 4th Feb 2023 during their Green Conclave event.



- Solar Decathlon - 2<sup>nd</sup> Prize, Community Resilience Shelter category : 2022



- Solar Decathlon - 2<sup>nd</sup> Prize, Community Resilience Shelter category : 2021

