

MKSSS's Dr. Bhanuben Nanavati College of Architecture for Women, Pune

BNCA | Events and Activity Reports

Report on the Management of the various types of degradable and non-degradable waste and water conservation

The parent institute of BNCA, Maharshi Karve Stree Shikshan Samstha, founded in Pune by Maharshi Karve in 1896, has a great legacy of empowering women through education for the last 125 years. MKSSS, in its quest to set up a benchmark for a more environment-conscious society, has implemented various projects to reduce its environmental impact. As an educational institution, MKSSS has an important role to play by influencing and inspiring the students and society to strive to create a better environment. It seeks to set an example for others by adopting sustainable practices in its operations and leading them.

A key effort involves installing solar panels with a total capacity of 600 KWP on rooftops across the MKSSS campus. Among these, the BNCA rooftop solar photovoltaic panels contribute 90.4 KW, accounting for 15% of the total capacity. Any surplus energy generated is supplied back to the grid, maximizing the efficiency of the system. The institute has installed natural gas connections in the canteens and hostel mess recently. The replacement of LPG by natural gas will reduce the greenhouse gas emissions on the campus significantly.

Energy conservation is a priority at the campus, with numerous measures in place to minimize energy consumption. Occupancy sensors have been strategically installed in areas such as staircases and restrooms to manage lighting automatically. Energy-efficient LED lights illuminate most parts of the campus, while energy-saving electronic devices are widely utilized, reducing overall energy usage significantly.

The institute also emphasizes holistic waste, water, and landscape management. Waste segregation at the source ensures effective processing. Leftover vegetable and food waste are treated in a 660 kg-capacity biogas plant, generating 25 kg of biogas daily. This helps reduce LPG consumption for cooking. Additionally, several vermicomposting pits are maintained across the campus, converting 12 tons of organic landscape waste into nutrient-rich manure annually.

Non-biodegradable waste is efficiently managed. Dry waste such as plastic, paper, glass, cardboard, and metal scrap are collected, sorted, and sent to recycling agencies. Sanitary waste is collected hygienically and disposed of safely using an incinerator. E-waste is regularly collected and sorted. Reusable components are retained, and the remaining materials are sent to authorized agencies for recycling in compliance with NPCB norms.

Water conservation is another cornerstone of the institute's sustainability efforts. A rainwater harvesting system with a capacity of 4,20,000 litres ensures borewells remain recharged throughout the year. Additionally, a wastewater treatment plant recycles 2 lakh litres of grey water daily, which is then reused for landscaping and flushing purposes. Combined, recycled wastewater and harvested rainwater contribute 3 lakh Litres daily, fulfilling 37% of the campus's water requirements. Water saving low-flow fixtures are used in most of the toilet blocks in the BNCA building.

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BNCA has a barrier-free and user-friendly environment for people with disabilities. Most of the accessibility provisions mandated by the National Building Code have been made available to facilitate disabled persons with reduced mobility. A ramp with an appropriate gradient is provided at the entrance for wheelchair access. It has a four-storey building with lifts to facilitate accessibility. Disabled-friendly toilet facilities are provided for both genders.

The Institution has initiated awareness drives and guest lectures on Management of the various types of degradable and non-degradable waste and water conservation

1. **Collection Drive for underprivileged**
2. **Building with waste**
3. **Green Building Week**
4. **Tree Plantation**
5. **World Environment Day**
6. **World Water Day**

COLLECTION DRIVE

FOR THE UNDERPRIVILEGED KIDS

DROP IN YOUR PRE-OWNED ,PRE-LOVED CLOTHES,
TOYS, CHARTS ,BOOKS AND STATIONARY



 **SQUARE COURTYARD, BNCA**

 **13TH-15TH SEPTEMBER 2023,**

 **DURING COLLEGE HOURS; 8AM-5PM**

Your small contributions can make a huge difference in their lives!

For more information contact:
2310 Unit Secretary
Sudiksha Ananthraman
2310@nasaindia.com
+91 83789 74668



 **BNCA**
MANARSHI KARVE STREET BISHAMJI SAMOOTHAS
DR. BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE
FOR WOMEN



 **NASA**
National
Association of
Students of
Architecture



"BUILDING WITH WASTE"

A SEMINAR ON
UPCYCLING OF WASTE MATERIAL



BY
DHARA KABARIA
PARTNER AND PRINCIPAL DESIGNER
AT
STUDIO ALTERNATIVES

DHARA KABARIA HAS WORKED
EXTENSIVELY IN REUSE OF WASTE
MATERIALS IN DESIGN BY UPCYCLING.
ONE OF HER MAJOR PROJECTS
INCLUDE: UPCYCLING OF SHIPPING
CONTAINERS FOR CREATING
SUSTAINABLE HOMES.



DATE: 11TH OCTOBER, WEDNESDAY

TIME: 3:00-4:00 PM
FOLLOWED BY Q & A

VENUE: BNCA AUDITORIUM

FACULTY COORDINATOR: PROF. SAYALI ANDHARE
STUDENT COORDINATORS: JANHAVI GANJIWALE, GEETIKA PRADHAN
TANAYA TAKALE, DIVYA AYYER



 **BNCA**



<https://bnca.ac.in>



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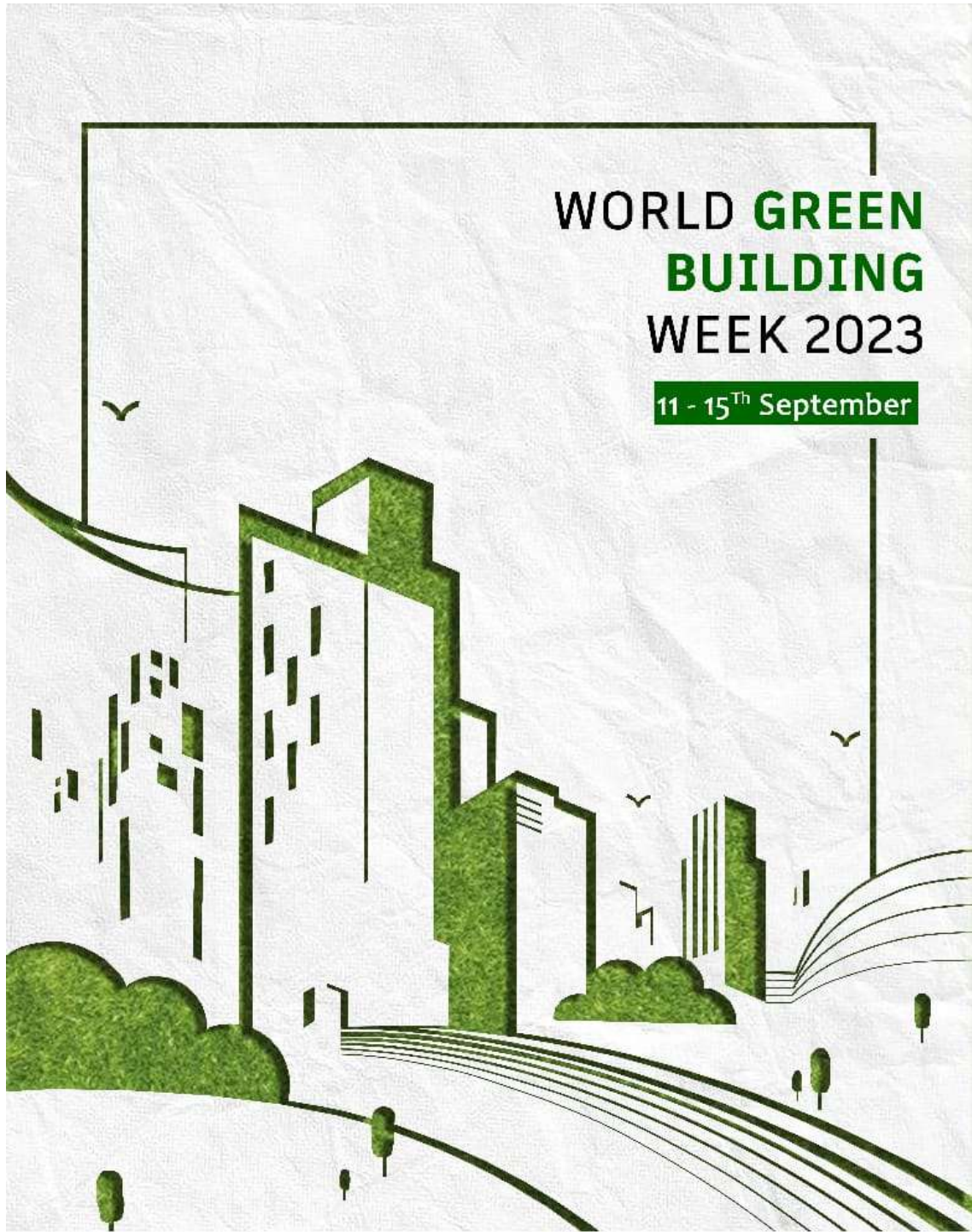


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BNCA Pune

POSTER BY: VIKASH JOSHI

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Pune



Let's celebrate this
77TH
INDEPENDENCE DAY

by giving the
life and
freedom to
the trees


**TREE
PLANTATION
ACTIVITY**



FACULTY INCHARGE
PROF. MAHESH BANGAD
PROF. SURABHI GADKARI

NSS HEADS

ANANDI JAWALKAR
SAKSHI BIRADAR
NEHA PATIL
SHWETA POKALE

SAKSHI SONAWANE
DARSHIKA PATIL
SHREYOSHI SANYAL
ESHA BHUJBAL

DATE: 15TH AUGUST 2023
TIME: 9 AM
VENUE: MKSSS CAMPUS

Meri Maati , Mera Desh
Mitti ko naman , Veeron ko Vandan



BNCA

DR. BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE
FOR WOMEN



BNCA Pune
mksss's dr. bhanuben nanavati
college of architecture
bncaofficial
mail@bnca.ac.in

A NSS INITIATIVE



Poster by: Shweta Pokale

ON THIS DAY, LET US PROMISE TO MAKE OUR PLANET GREENER
AND HEALTHIER

**BETTER ENVIRONMENT,
BETTER TOMORROW.**



5 JUNE 2023

**WORLD
ENVIRONMENT
DAY**



BNCA

A NSS Initiative



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Poster by: Ankita Tambade



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poster by:-
Dr. Kanchan Athuzkar

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BNCA | Events and Activity Reports

Event / Activity title: Live on Katta- "BUILDING WITH WASTE"

Date & Time: 11.10.2023

Venue: Dr. B. N. College of Architecture, Auditorium

Faculty In-charge: Ar. Sayali Andhare

Faculty Co-ordinator: Ar. Sayali Andhare

Students' In-charge: Gautami Dakwale

NAAC Criteria (if any): Criteria 1, Criteria 7

Guest Speakers: - Dhara Kabaria

Chief Guest (if any): - NA

Objective of this Event:

- Introduce the Concept of Building with Waste
- Summary of the event (150-200 words):
- Highlight Environmental and Economic Benefits
- Explore Different Types of Waste Materials and Their Applications
- Examine Building Techniques and Case Studies
- Discuss Challenges and Solutions in Waste-Based Construction
- Promote Sustainable Design Thinking and Innovation
- Link to Broader Sustainability Goals

Summary of the event (150-200 words):

A lecture on "Building with Waste" introduces students to innovative, sustainable construction practices that utilize waste materials to create environmentally friendly buildings.

By the end of the lecture, students should have an understanding of the potential and practicality of using waste in construction, the environmental and social impacts of these practices, and how innovative design can repurpose waste into valuable, sustainable building materials. They should be inspired to consider waste-based materials in future construction and design projects.

Events and Activities at BNCA | Reports

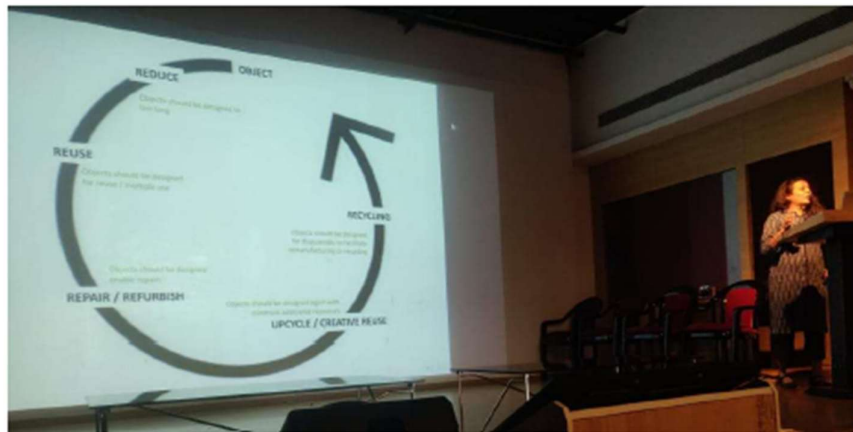


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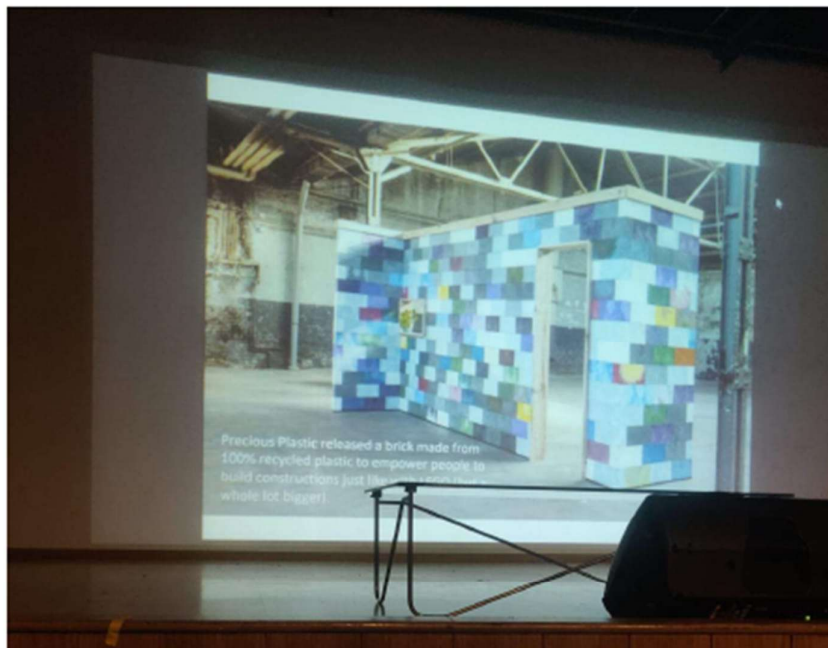
Attachments:

1. Please attach 5 photographs during the event



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2. 5 photographs of the output (if it's a Workshop)-NA
3. Event poster/s

"BUILDING WITH WASTE"
A SEMINAR ON
UPCYCLING OF WASTE MATERIAL

BY
DHARA KABARIA
PARTNER AND PRINCIPAL DESIGNER
AT
STUDIO ALTERNATIVES

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TANISHA TARGAL, DIVYA ATYAR

BNCA

Facebook: bncaofficial
Instagram: @allebncaofficial

BNCA | Events and Activity Reports

Report on World Environment Day

Event / Activity title: Report on Awareness for World Environment Day

Date & Time: 5th June 2023

Venue: Auditorium and BNCA Lounge

Faculty In-charge: Prof. Mahesh Bangad, Prof. Dhruv Chandwania and Kanchan Atnurkar

NAAC Criteria (if any): Criteria 2 and Criteria 7

Guest Speakers: -

Objective of this Event:

- **Raise Awareness About Plastic Pollution:** Educate the students on the environmental consequences of plastic pollution and its effects on land and water ecosystems.
- **Promote Sustainable Alternatives to Plastic:** Encourage the adoption of eco-friendly practices such as the use of reusable materials, reducing single-use plastics, and finding alternatives to plastic packaging.
- **Foster Collective Action:** Mobilize students, staff, and local community members to take part in activities focused on reducing plastic waste and supporting a circular economy.
- **Inspire Long-term Commitment to Environmental Sustainability:** Empower students with the knowledge and tools needed to contribute to the sustainable management of resources and the reduction of plastic pollution.

Summary of the event: World Environment Day, celebrated annually on June 5th, serves as a platform to raise awareness and encourage global action to protect our environment. The theme for **World Environment Day 2023** was "*Solutions to Plastic Pollution*," aiming to highlight the impact of plastic pollution on ecosystems and human health and to promote sustainable alternatives. On this significant occasion, our institution organized a series of activities aimed at raising awareness, educating the community, and inspiring action toward reducing plastic waste and promoting environmental sustainability.

Collection Drive and Workshops (13th-15th September):

- Collection drive for underprivileged kids organized by Team NASA and NSS Unit at BNCA.
- Overwhelming response from students and faculty with contributions of clothes, toys, and books.
- Workshops conducted on drafting professional emails and letters by Ar. Shruti Ramterthkar and architectural infographics and Photoshop by BNCA alumni Urvashi Vaijawade on NASA Day evening (13th September).

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- Strong participation, with over 45 attendees from across the country for the online workshop.



Awareness session at highschool



Collection Drive



Student Interviews



Urban Sketchers x BNCA



Faculty Interview



Awareness session at highschool

Summer Winter School Program, Uttarakhand

Sudiksha Ananthraman and Shagun Shah, students from BNCA, engaged in NASA India's Summer Winter School Program in Tehri Garhwal, Uttarakhand from 19th-25th November. The 7-day intensive workshop focused on earthbag building, plastering, and cob construction. The experience was insightful, allowing the students to create lasting memories and acquire valuable skills in sustainable building techniques.

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Students of BNCA at the Natural Building Workshop

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Report

Event / Activity title: Environment Week 3-7th June 2024

Date & Time: 3-7th June 2024 (Including World Environment Day on 5th June 2024)

Venue: BNCA, Sambhaji Park, Online

Faculty In-charge & Co-ordinator: Dr. Prajakta Kulkarni

Students' In-charge: Sharayu Kale (M. Arch EA)

Objective of the Event:

- Promote environmental stewardship by engaging students in tree plantation activities with indigenous plant species.
- Foster community collaboration by participating in local environmental initiatives.
- Raise awareness about simple, actionable ways to safeguard the environment through social media outreach.
- Provide students with hands-on experience in environmental conservation and the importance of biodiversity.
- Inspire long-term commitment to sustainable practices within architecture and daily life.

Summary of the event:

Environment Week was celebrated by organizing various small-scale activities by the students. A tree plantation drive was done in the MKSSS campus ahead of World Environment Day. The students planted indigenous plant varieties in the campus as their contribution to safeguarding the environment.



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Pune




Some students attended the Tree Plantation Program conducted by the Pune Municipal Corporation at Sambhaji Park from 5-14th June 2024 where the PMC were selling indigenous big tree varieties such as Jamun, Arjuna, Tamarind, Tamhan etc.



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Some students also attended the Programs organised by the PMC during the Environment week. The timetable presented by the PMC is given below.



World Environment Day (Environment Week 5th - 12th June 2024)

Programs at Indradhanushya, Navi Peth, Pune

Sr No.	Time	Activities	Organisation	Co-ordinator Name	Phone Number	Venue
5th June 2024						
1	09 am to 12.00 noon	Water Conservation and Dam Desilting Speaker : Col. Suresh Patil	Pune Samwad	Mrs. Rekha Joshi Gangotri Chanda	9422513685 & 9130624588	Indradhanushya Auditorium
2	3 pm - 4.30 pm	Inauguration Ceremony at the hands of Hon'ble Municipal Commissioner, PMC				
3	6 pm - 8 pm	Earth and environment (poems, songs, skit, stand up, dance)	LLCP & ccpef	Vaishali, Satyen	7391035752	Indradhanushya Auditorium
6th June 2024						
4	10 am to 01.00 pm	Let us talk about Forests in Maharashtra Speaker : Nandini Devi Pant Pratinidhi	Pune Samwad	Mrs. Rekha Joshi Gangotri Chanda	9422513685 & 9130624588	Indradhanushya Auditorium
7th June 2024						
5	10 am to 01.00 pm	Climate Changes in Himalaya Speaker : Mr. Umesh Zirpe & Vivek Shivade	Pune Samwad	Mrs. Rekha Joshi Gangotri Chanda	9422513685 & 9130624588	Indradhanushya Auditorium
6	02 pm to 4.30 pm	Film screening and exhibition	SWaCH Cooperative Pune	Mr. Vidyasagar Sonawane	8390005028	Indradhanushya Auditorium
7	05 pm to 7.00 pm	climate	ccpef	Aditi, Vaishali	9881607113	Indradhanushya Auditorium





World Environment Day (Environment Week 5th - 12th June 2024)

Programs at Indradhanushya, Navi Peth, Pune

Sr No.	Time	Activities	Organisation	Co-ordinator Name	Phone Number	Venue
10th June 2024						
17	10 am to 01.00 pm	Global Warming and Environment Speaker : Dr. Erach Bharucha	Pune Samwad	Mrs. Rekha Joshi Gangotri Chanda	9422513685 & 9130624588	Indradhanushya Auditorium
18	03 pm to 4.00 pm	Toxinfree pest control	Jeevit Nadi	Renuka Vijairaghavan	9970160246	Indradhanushya Auditorium
19	04:15 pm to 5:15 pm	Zero Waste lifestyle & Eco Home	Do Save Foundation	Nirmala Tharmote	9867798252	Indradhanushya Auditorium
20	05:15 pm to 6:30 pm	Solid Waste Management in City	APEX Committee & NSCC	Shyamla Desai	9823459881	Indradhanushya Auditorium
11th June 2024						
21	10 am to 01.00 pm	Ecosystem of Northern Western ghats Speaker : Dr. Saket Shrotri	Pune Samwad	Mrs. Rekha Joshi Gangotri Chanda	9422513685 & 9130624588	Indradhanushya Auditorium
22	05 pm to 6:00 pm	Toxin free cleaning agents	Jeevit Nadi	Renuka Vijairaghavan	9970160246	Indradhanushya Auditorium
12th June 2024						
23	10 am to 01.00 pm	Forest and Forest Act Speaker : Mr. Pravin N. R., CCF	Pune Samwad	Mrs. Rekha Joshi Gangotri Chanda	9422513685 & 9130624588	Indradhanushya Auditorium
24	04 pm to 5:00 pm	Ecologically sound perception and purification of water at home	Jeevit Nadi	Renuka Vijairaghavan	9970160246	Indradhanushya Auditorium
25	5:30 PM	Concluding Session				



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Pune



World Environment Day

(Environment Week 5th - 12th June 2024)
Programs at Indradhanushya, Navi Peth, Pune

Sr No.	Time	Activities	Organisation	Co-ordinator Name	Phone Number	Venue
8th June 2024						
8	10 am to 01.00 pm	Ocean Ecosystem Speaker : Mr. Satish Khade	Pune Samwad	Mrs. Rekha Joshi Gangotri Chanda	9422513685 & 9130624588	Indradhanushya Auditorium
9	01 pm to 04.00 pm	Earth and environment (poems, songs, skit, stand up, dance)	LLCP & ccpef	Satyen, Vaishshali	9881607113	Indradhanushya Auditorium
10	04 pm to 5.00 pm	Nirmalya Management	Jeevitnadi and Green Birds Initiative	Priya Phulambrikar/ Team	9766623409	Indradhanushya Auditorium
11	05 pm to 6:15 pm	Condition of Honey bees in city. How to avoid bee stings. DO's and DON'Ts for Honey bees	Bee Basket	Amit Godse	9920698778	Indradhanushya Auditorium
12	6.30 pm to 8.00 pm	Wildlife in Pune District	Nature Walk Pune	Anuj K / Team	9326823052	Indradhanushya Auditorium
9th June 2024						
13	10 am to 01.00 pm	Ground Water Speaker: Dr. Reddy, GSDA	Pune Samwad	Mrs. Rekha Joshi Gangotri Chanda	9422513685 & 9130624588	Indradhanushya Auditorium
14	01 pm to 04.00 pm	Earth and environment (poems, songs, skit, stand up, dance)	LLCP & ccpef	Satyen, Vaishshali	9881607113	Indradhanushya Auditorium
15	04 pm to 6:00 pm	Man-made Greenery In Urban Areas	Nisargsevak	Dr Vinaya Ghate	9922219077	Indradhanushya Auditorium
16	06:15 pm to 8.00 pm	Stingless Bees for hobbyists, terrace gardens and farm houses for pollination	Bee Basket	Amit Godse	9920698778	Indradhanushya Auditorium


pmc.gov.in
 PMCPune
 pmc_pune
 PMCPune
 PMC Care

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.

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Pune






BNCA
 Department of Environmental Architecture
 BNCA Pune  BNCA Environmental Department  bnca_environment_arch  www.bnca.ac.in

Names of Participating Students:

Karuna Ratnakar	Manasi Deshpande	Mansi Mokashi
Sharayu Kale	Tejashree Pise	Snehal Kinikar
Akanksha Oak	Hiral Shah	Sinhika Deshmukh
Nishigandha Sakhardande	Suvarna Kalbhor	Shrutika Bhosale
Rutuja Dhole	Rutika Miniyar	Vrushali Dagade

Event Category: Extra-curricular

Signatures

Events Co-ordinator

HOD



BNCA

poster by:-
Dr. Kanchan Atmurekar



BNCA Pune



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Attachments:



**MKSSS's Dr. Bhanuben Nanavati College of Architecture for Women,
Pune**



Attendance:

MKSSS's Dr. Bhanuben Nanavati College of Architecture for Women,
Pune

(Auditorium)

- 1) Amruta A. Sakhare
- 2) Yashaswce Thormote
- 3) Siddhi Deokar
- 4) SHRAVANI KULKARNI
- 5) Nikita Jadhav
- 6) Vedangi Bam
- 7) Nikshita Patil
- 8) Rutuja Billade
- 9) Sanika NeE
- 10) Mrunali MANE
- 11) SWARALI KOKATE
- 12 Sanika Shelar
13. Anita Dhebe
14. smruvani uttarwar
- 15 Rhee Chavdhari
- 16 Anuradha chavhan
- 17 Aarya Gundawar
- 18 Sakshi Bhimani
- 19 Tanishka walke
- 20 Priyanka Udgiwar
- 21 Sanika Sapkal
22. Vedangi Chalniwale
- 23 NITAL POTE
24. Sejal Chaudhari.
25. Riya Nemade
- 26 Seetal Phote
27. Shrushti Gramad
28. Rajani Alkunte
29. Rohini Mahajan
30. Gayatri Kumbhar

sign.

Sakhare
Thormote
Deokar

Shravani
Kulkarni

Nikita
Jadhav

Vedangi
Bam

Nikshita
Patil

Rutuja
Billade

Sanika
NeE

Mrunali
Mane

Swarali
Kokate

Sanika
Shelar

Anita
Dhebe

Smruvani
Uttarwar

Rhee
Chavdhari

Anuradha
Chavhan

Aarya
Gundawar

Sakshi
Bhimani

Tanishka
Walke

Priyanka
Udgiwar

Sanika
Sapkal

Vedangi
Chalniwale

Nital
Pote

Sejal
Chaudhari

Riya
Nemade

Seetal
Phote

Shrushti
Gramad

Rajani
Alkunte

Rohini
Mahajan

Gayatri
Kumbhar

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Pune

- | | |
|-----------------------|-----------------|
| 31. Prajakta Kalaskar | <u>PK.</u> |
| 32. Utkarsha Zagade | <u>Utkarsha</u> |
| 33. Anushree Holkar | A.G. Holkar |
| 34. Shravani Ahir | Ahir |

1) Aanchal	Aanchal	
2) Sejal B	Sejal	
3) Meena	Meena	30) Manaswini
4) Nupoor S	Nupoor	31) Vaishnavi R. Patil
5) Shehrebanoo	Shehrebanoo	32) Vaishnavi
6) Shreya C.	Shreya	
7) Shravani D.	Shravani	
8) Sneha	Sneha	
9) Prabhat	Prabhat	
10) Nupur I	Nupur	
11) Vaishnavi Jagdale	Vaishnavi Jagdale	
12) Kirti Jain	Kirti	
13) Hastiksha	Hastiksha	
14) Harshal	Harshal	
15) Maunmaye	Maunmaye	
16) Sampada Patil	Sampada Patil	
17) Shanti Pawar	Shanti Pawar	
18) Aanya	Aanya	
19) Tanishka S	Tanishka	
20) Smriti S.	Smriti	
21) Dhanashree	Dhanashree	
22) Jui	Jui	
23) Thapa Tzupti	Thapa Tzupti	
24) Prachi	Prachi	
25) Shreya Udgiakar	Shreya Udgiakar	
26) Dhruvita V.	Dhruvita	
27) Riddhi	Riddhi	
28) Manisha	Sanchita	Sanchita
29) Vaishnavi Patil	Maun	

MKSSS's Dr. Bhanuben Nanavati College of Architecture for Women,
Pune

B-DIVISION.

AUDITORIUM LECTURE

Ananya Samanpore	Samantpore
Shauvavi Auri	Sharvani
Puachi Vikharnkar	Bhikharnkar
Aishwarya Jagtap	Aagha
Shrawani Manawan	Shrawani
Sana Ingale	Sana
Safiya Shaikh	Shaikh
Shikavi Gade	Calu
Shuchi Kundanija	Shucharya
Nikita more	Nikita
Kashmira Deshmukh	K...
Sayee Deshpande	Deshpande
Pranjal Deshmukh	Deshmukh
Sharvari Patil	Patil
Soha R. Bhalerao	Soha
Anushka Suvarnkar	Anu
Vedika Chintawar	Chintawar
Vaishnavi Sudhir shinde	Shinde
Pranjal Gatagat	Pranjal
Anushka Gavhane	Gavhane
Payal Deo	Deo
Nilaya Dahatse	Dahatse
Mrunal Mundhe	Mundhe
Iqra Shaikh	Shaikh
Sakshi Dikole	Dikole
Sanika Kousad	Kousad
Shraddha Khatke	Khatke
Anjali Upalkar	Upalkar
Madhura d.	Madhura
Avni V.	Avni
Mitali P.	Mitali
Daashana Khot	Khot

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Pune

DIV C.	
1) Pragati Dimble	Dimble
2) Tanishqa Senone	Senone
3) NIRMOKHI MESHARKAR	Mishi
4) Vaishnavi Sapate	Sapate
5) Nishigandha Kondhalkar	Kondhalkar
6) Aarti mane	Mane
7) Manasi Gaharwan	Manasi
8) Roshani Rathod	Rathod
9) Vishwa Bhoot	Vishwa
10) Mrunal Patil	Patil
11) UDAWANT SHARAYU	Sharayu
12) Smiti Rathod	Rathod
13) Khushi Jagtap	Jagtap
14) Rashi Gambhale	Gambhale
15) Neha Kondkar	Kondkar
16) Drishti Oswal	Drishti
17) Vaishnavi There	There
18) Manjiri Charthankar	Charthankar
19) Anjali Nanaware	Nanjali
20) Riddhima Bijani	Riddhima
21) Sanika Jadhao	Jadhao
22) Aastha Deokar	Deokar
23) Shrutika Bankar	Bankar
24) Srishthi More	Srishthi
25) Mitali C.	MACHORLIYA
26) Maithili D.	Maithili
27) APARNA H	Aparna
28) Abhisai Shasthakar	Shasthakar
29) Vaishnavi Bhide	Bhide
30) ANUSHKA P	Anushka

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Pune

30	Radhika	
31	Lochani	
32	Shrutika M.	
33	Meshati G.	
34	Anushka Raykar	
35	Samruddhi Kady	
36	DISHITA UTTAMCHANDANI	

Report on World Water Day

Event / Activity title: Report on Awareness for World Water Day

Date & Time: 22nd March 2024

Venue: Auditorium and BNCA Lounge

Faculty In-charge: Prof. Dhruv Chandwania and Kanchan Atnurkar

NAAC Criteria (if any): Criteria 2 and Criteria 7

Guest Speakers: - Dr. Anurag Kashyap

Objective of this Event:

1. **Raise Awareness:** Inform students about the global and local water challenges, including water scarcity, pollution, and climate change's impact on water resources.
2. **Promote Water Conservation:** Encourage students to adopt water-saving habits in daily life to reduce consumption and wastage.
3. **Highlight the Role of Water in Sustainable Development:** Explain the relationship between water, health, sanitation, agriculture, and the economy.

Summary of the event: World Water Day is celebrated every year on March 22nd 2024 to raise awareness about the importance of water, its sustainable management, and the need to address water-related challenges globally. The theme for this year's World Water Day was "Accelerating Change to Solve the Water and Sanitation Crisis." The goal is to inspire action towards ensuring safe, clean water for all and fostering a better understanding of water's role in the environment, economy, and society.

To mark this significant day, BNCA has organized an **Awareness Program for World Water Day** that focused on educating students, staff, and the local community about the importance of

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water conservation, the water crisis, and practical steps that can be taken to preserve this essential resource. Posters were distributed around the campus, highlighting facts about water scarcity, its effects on communities, and ways to conserve water. The program commenced with an opening speech by the head of the institution, Dr. Anurag Kashyap emphasizing the significance of World Water Day and the urgent need for collective action to ensure access to clean water for all.

Students submitted a report and their views regarding the water conservation and recycling of water to the institution.

Attached herewith:

1. Poster for outreach
2. Photos of the guest speaker

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WORLD WATER DAY

**SAVE WATER
SAVE WORLD**

22 MARCH 2024

"Water is the driving force of all nature. On World Water Day, let us remember that access to clean water is not just a privilege, but a right we must protect for future generations."



BNCA



BNCA Pune



mksss's dr. bhanuben nanavati college of architecture



bncaofficial



mail@bnca.ac.in

poster by:-
Dr. Kanchan Atmurtkar

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Attachments:



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Attendance:

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Pune

(Auditorium)

- 1) Amruta A. Sakhare
- 2) Yashaswce Thormote
- 3) Siddhi Deokar
- 4) SHRAVANI KULKARNI
- 5) Nikita Jadhav
- 6) Vedangi Bam
- 7) Nikshita Patil
- 8) Rutuja Billade
- 9) Sanika NeE
- 10) Mrunali MANE
- 11) SWARALI KOKATE
- 12 Sanika Shelar
13. Anita Dhebe
14. smruvani uttarwar
- 15 Rhee Chavdhari
- 16 Anvasha chavhan
- 17 Aarya Gundawar
- 18 Sakshi Bhimani
- 19 Tanishka walke
- 20 Priyanka Udgiakar
- 21 Sanika Sapkal
22. Vedangi Chalniwale
- 23 NITAL POTE
24. Sejal Chaudhari.
25. Riya Nemade
- 26 Seetal Phote
27. Shrushti Gramad
28. Rajani Alkhunte
29. Rohini Mahajan
30. Gayatri Kumbhar

sign.

Sakhare
Thormote
Deokar

Shravani
Kulkarni

Nikita
Jadhav

Vedangi
Bam

Nikshita
Patil

Rutuja
Billade

Sanika
NeE

Mrunali
MANE

Swarali
Kokate

Sanika
Shelar

Anita
Dhebe

Smruvani
Uttarwar

Rhee
Chavdhari

Anvasha
Chavhan

Aarya
Gundawar

Sakshi
Bhimani

Tanishka
Walke

Priyanka
Udgiakar

Sanika
Sapkal

Vedangi
Chalniwale

Nital
Pote

Sejal
Chaudhari

Riya
Nemade

Seetal
Phote

Shrushti
Gramad

Rajani
Alkhunte

Rohini
Mahajan

Gayatri
Kumbhar

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- | | |
|-----------------------|-----------------|
| 31. Prajakta Kalaskar | <u>P.K.</u> |
| 32. Utkarsha Zagade | <u>Utkarsha</u> |
| 33. Anushree Holkar | A.G. Holkar |
| 34. Shravani Ahir | Ahir |

1) Aanchal	Aanchal	
2) Sejal B	Sejal	
3) Meena	Meena	30) Manaswini
4) Nupoor S	Nupoor	31) Vaishnavi R. Patil
5) Shehrebanoo	Shehrebanoo	32) Vaishnavi
6) Shreya C.	Shreya	
7) Shravani D.	Shravani	
8) Sneha	Sneha	
9) Prabhat	Prabhat	
10) Nupur I	Nupur	
11) Vaishnavi Jagdale	Vaishnavi Jagdale	
12) Kirti Jain	Kirti	
13) Hastiksha	Hastiksha	
14) Harshal	Harshal	
15) Maunmaye	Maunmaye	
16) Sampada Patil	Sampada Patil	
17) Shanti Pawar	Shanti Pawar	
18) Aanya	Aanya	
19) Tanishka S	Tanishka	
20) Smriti S.	Smriti	
21) Dhanashree	Dhanashree	
22) Jui	Jui	
23) Thapa Tzupti	Thapa Tzupti	
24) Prachi	Prachi	
25) Shreya Udgiakar	Shreya Udgiakar	
26) Dhruvita V.	Dhruvita	
27) Riddhi	Riddhi	
28) Manisha	Sanchita	Sanchita
29) Vaishnavi Patil	Maunil	

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B-DIVISION.

AUDITORIUM LECTURE

Ananya Samanpore	Samantpore
Shauvavi Auri	Sharvani
Puachi Vikharnkar	Bhikharnkar
Aishwarya Jagtap	Aagha
Shrawani Manawan	Shrawani
Sana Ingale	Sana
Safiya Shaikh	Shaikh
Jharkavi Gade	Calu
Shruti Kundanija	Shruti
Nikita more	Nikita
Kashmira Deshmukh	K...
Sayee Deshpande	Deshpande
Pranjal Deshmukh	Deshmukh
Sharvari Patil	Patil
Soha R. Bhalerao	Soha
Anushka Suvarnkar	Anu
Vedika Chintawar	Chintawar
Vaishnavi Sudhir shinde	Shinde
Pranjal Gatagat	Pranjal
Anushka Gavhane	Gavhane
Payal Deo	Deo
Nilaya Dahatse	Dahatse
Mrunal Mundhe	Mundhe
Iqra Shaikh	Shaikh
Sakshi Dikole	Dikole
Sanika Kousad	Kousad
Shruti Patil	Patil
Anjali Upalkar	Upalkar
Madhura d.	Madhura
Avni V.	Avni
Mitali P.	Mitali
Daashana Khot	Khot

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DIV C.	
1) Pragati Dimble	Dimble
2) Tanishqa Senone	Senone
3) NIRMOKHI MESHARKAR	Mishi
4) Vaishnavi Sapate	Sapate
5) Nishigandha Kondhalkar	Kondhalkar
6) Aarti mane	Mane
7) Manasi Gaharwan	Manasi
8) Roshani Rathod	Rathod
9) Vishwa Bhoot	Vishwa
10) Mrunal Patil	Patil
11) UDAWANT SHARAYU	Sharayu
12) Smiti Rathod	Rathod
13) Khushi Jagtap	Jagtap
14) Rashi Gambhale	Gambhale
15) Neha Kondkar	Kondkar
16) Drishti Oswal	Drishti
17) Vaishnavi There	There
18) Manjiri Charthankar	Charthankar
19) Anjali Nanaware	Nanaware
20) Riddhima Bijani	Bijani
21) Sanika Jadhao	Jadhao
22) Aastha Deokar	Deokar
23) Shrutika Bankar	Bankar
24) Srishita More	More
25) Mitali C.	MACHORLIYA
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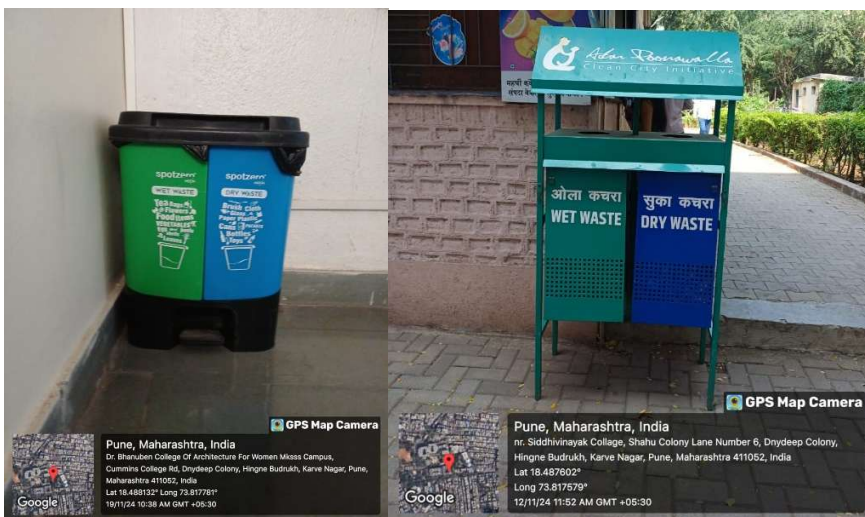
MKSSS's Dr. Bhanuben Nanavati College of Architecture for Women, Pune

30	Radhika	
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36	DISHITA UTTAMCHANDANI	

Management of various types of degradable and non-degradable waste in the Institution

a. Segregation and management of biodegradable waste

Solid waste is very efficiently managed at the campus level. Wet and dry waste is segregated at the source. Total organic waste is managed within the site with the help of a Bio-gas plant and vermicompost pits. The biogas plant treats wet kitchen and food waste from the canteen and hotel mess. Landscape waste is treated in the vermicompost pits to make compost.



Wet and dry waste bins within the building and on the campus

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Biogas plant

Vermicompost pits

- a. **Management of non-degradable waste** - Dry waste is collected separately and segregated at a central location on the campus. Paper, plastic, glass, metal scrap, etc. are segregated and given to the respective recyclers regularly.



Dry waste segregation facility on the MKSSS campus

- b. **Biomedical waste management**– Biomedical waste (sanitary napkins) is collected daily through an innovative chute system at the hostel level and separate dustbins in

MKSSS's Dr. Bhanuben Nanavati College of Architecture for Women, Pune

toilets at the institute level. Collected napkins are processed in the incinerator, where they are burnt safely in closure. The incinerator on average can burn 600 napkins per day. The ash remaining after burning is mixed with fertilizers that make good manure.



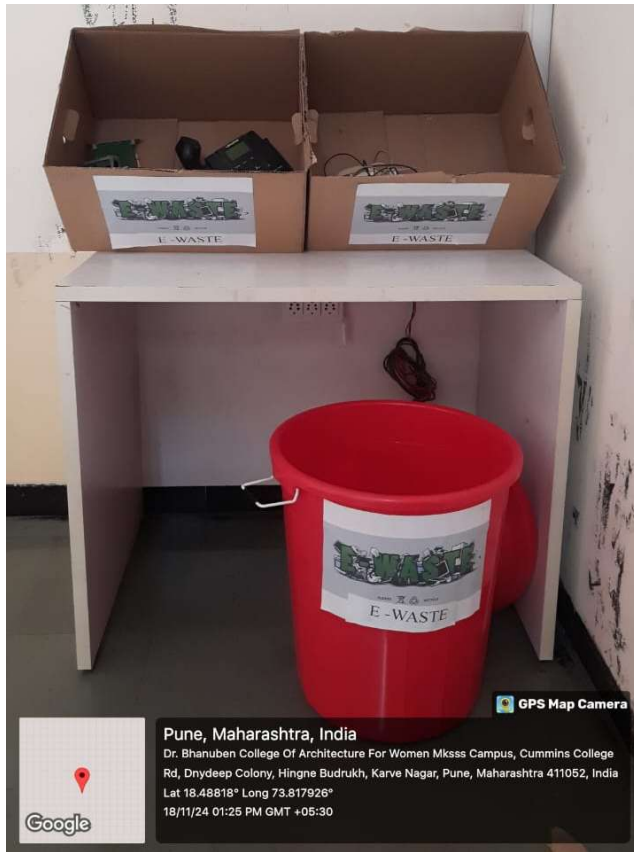
Sanitary napkin Incinerator on the MKSSS campus

d. E-waste management- E-waste is collected at the institute level. Useful parts are kept aside for future use and other e-waste is sent to authorized agencies for dismantling and recycling as per NPCB norms. A permanent collection point for E-waste is set up in the college to facilitate the collection of e-waste from students and staff.



E-waste collected in a drive.

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E-waste collection point in the BNCA building

Water Conservation

Water conservation is another cornerstone of the institute's sustainability efforts. MKSSS has rainwater harvesting system with water collection and recharge borewells throughout the campus. Wastewater recycling plant recycles grey water from hostels and is used for irrigation and flushing purposes.

a. Rainwater harvesting

The MKSSS campus has a fully operational rainwater harvesting system. The harvested rainwater gets collected in chambers to recharge the bore wells on the campus. This helps to keep the bore wells recharged throughout the year and increases the water table. The

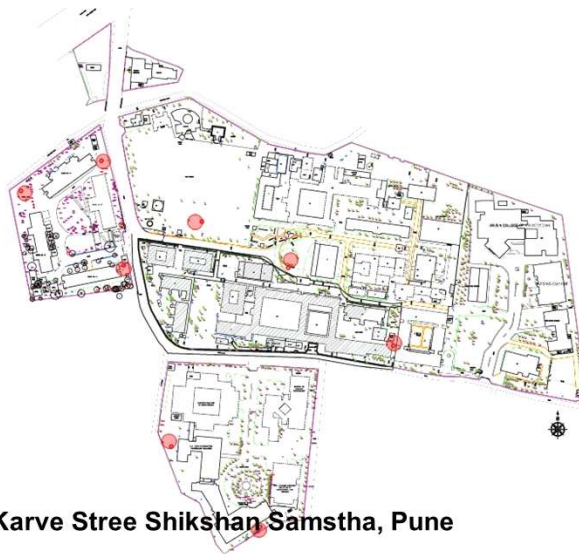
MKSSS's Dr. Bhanuben Nanavati College of Architecture for Women, Pune

rainwater harvested through the bore wells is used further for landscaping and irrigation purposes.

Location of Rainwater Harvesting Pit

b. Borewell/Open well recharge

The stormwater in the campus is collected through channels and led into recharge pits. The landscape water requirement of irrigation is met through water recharged in these bore wells at the campus level.



Maharshi Karve Stree Shikshan Samstha, Pune



Recharge borewell and stormwater collection system

c. Wastewater / Grey water treatment plant

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A wastewater treatment plant installed near the hostel efficiently treats and recycles 2,00,000 lit. of grey water, thereby reducing the demand for fresh water. The treated water is used for flushing purposes in the hostels and for irrigation.



Grey Water recycle Plant on the MKSSS Campus

Green Campus Initiatives

BNCA commits to sustainability and the efforts are reflected in various activities and programs aimed at reducing waste, conserving energy, and enhancing green spaces. From tree plantation drives to waste management programs, these efforts improve the campus environment and help instill a sense of responsibility among students, staff, and the community. Through these activities, the college aims to serve as a model for sustainable practices, inspiring stakeholders to adopt eco-conscious habits in their daily lives.

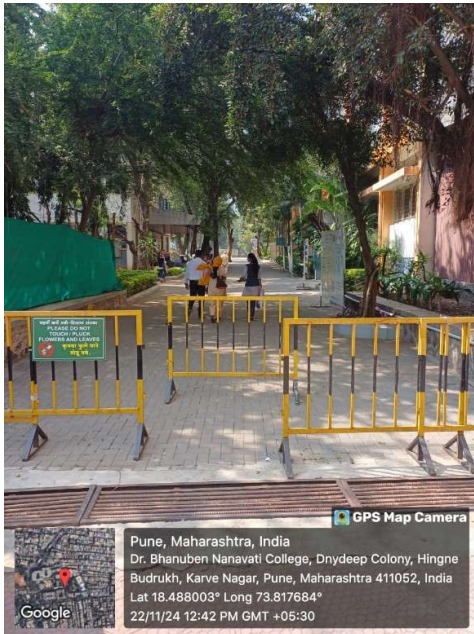
- **QR coding of campus trees-** Separate unique QR codes and URLs are developed for individual trees giving information about that tree at a single click. The project aims to promote awareness of the importance of trees in urban ecology and biodiversity in an educational campus and to spread information about trees in society using easy and effective technological mediums.



QR coding activity for the trees on the MKSSS Campus

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- **Restricted vehicle movement** - Vehicle traffic on campus is limited to the main entry road and parking lots. The campus is pedestrian-friendly, with well-defined walkways throughout. The campus provides a secure and beautiful setting for walking and participating in outdoor educational activities.



Safe pedestrian pathways

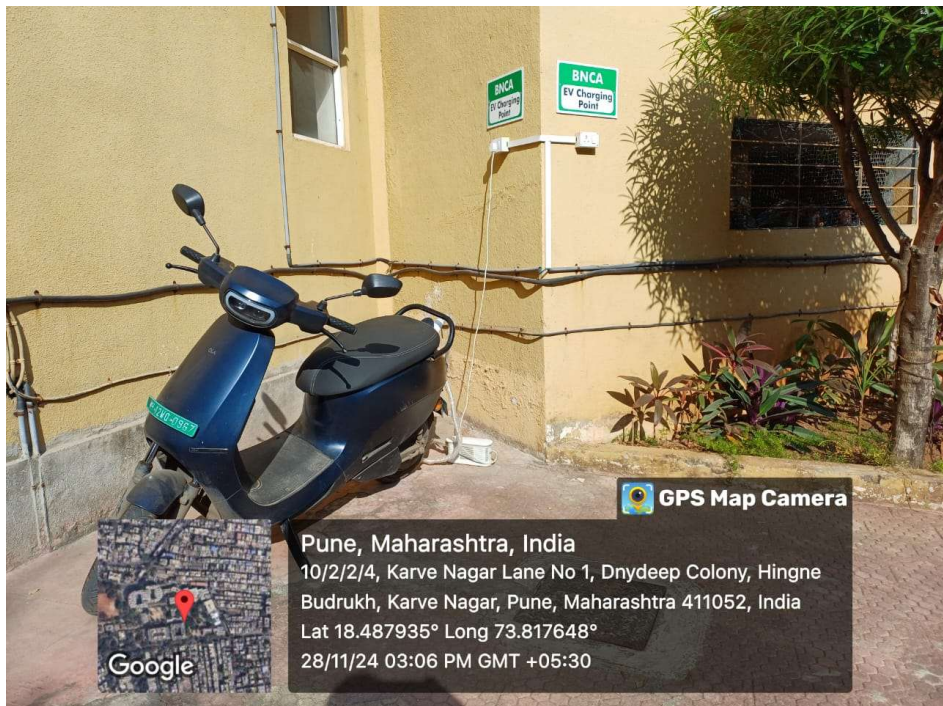
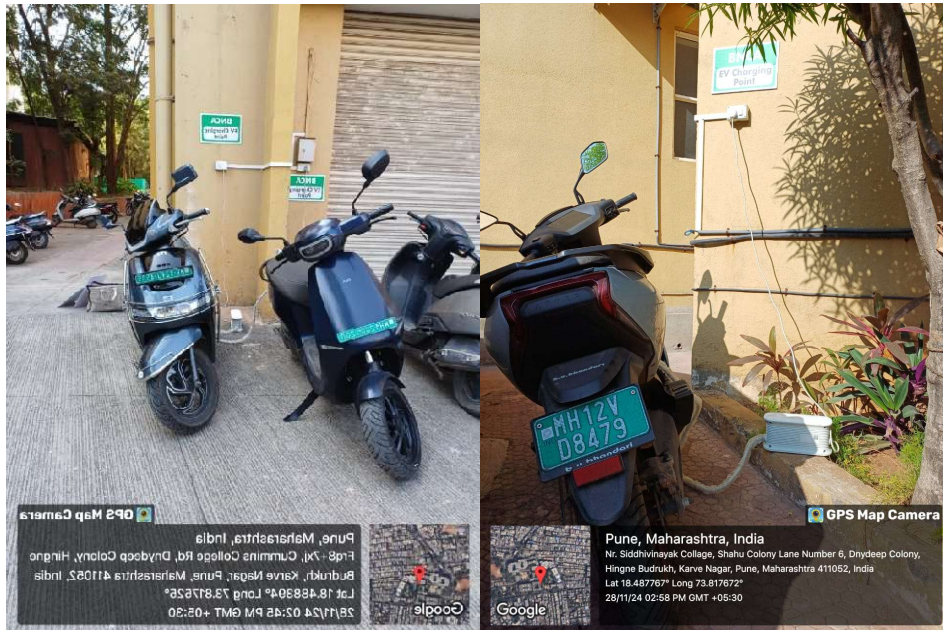
Restricted vehicle movement

- An Electric cart is used regularly for campus transportation.



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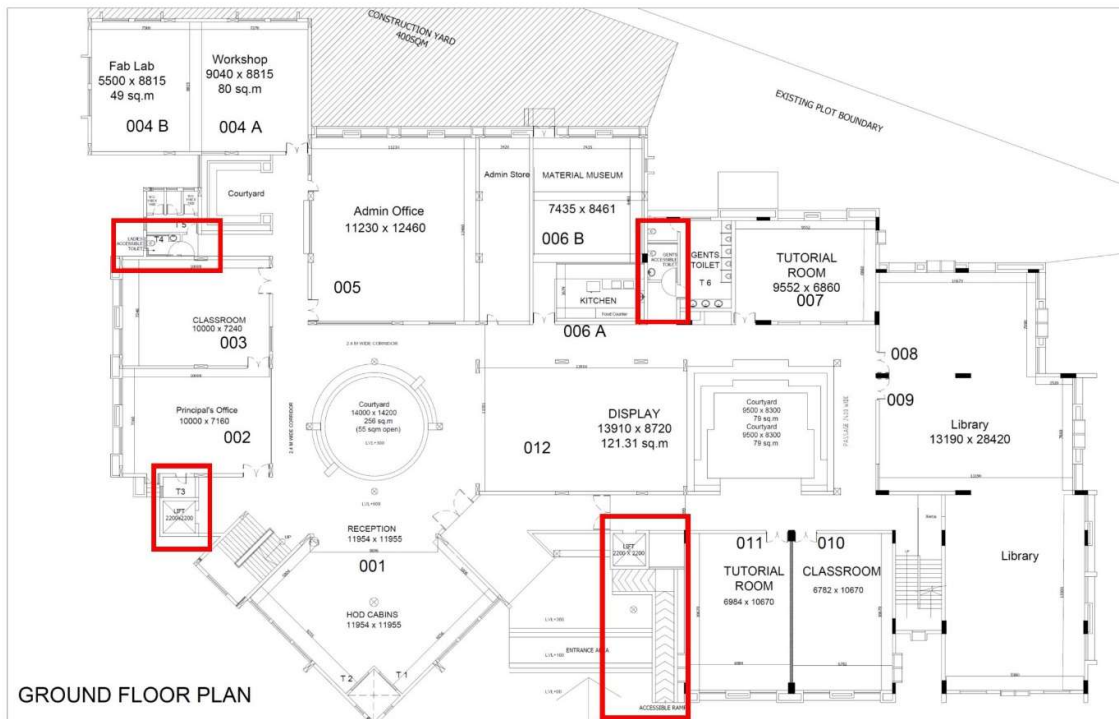
- BNCA has provided 4 charging points for electric vehicle charging for staff and students to encourage using EV for commuting to college.



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5. Disabled-friendly, barrier-free environment

BNCA has a barrier-free and user-friendly environment for persons with disability. Most accessibility provisions mandated by the National Building Code have been made available to facilitate disabled persons with reduced mobility. A ramp with an appropriate gradient is provided at the entrance for wheelchair access. It has a four-storey building with provision of lifts to facilitate accessibility. Disabled-friendly toilet facilities are provided for both genders.



FLOOR PLAN SHOWING PROVISION FOR ACCESSIBILITY AT BNCA

INDEX

- 1-Ramp at the entrance
- 2- Lift
- 3-Accessible toilet 1
- 4-Accessible toilet 2

MKSSS's Dr. Bhanuben Nanavati College of Architecture for Women, Pune

1 RAMP AT THE ENTRANCE



2 LIFT



2 LIFT-BRAILLE



LIFT BUTTONS



HEIGHT FROM FLOOR

MKSSS's Dr. Bhanuben Nanavati College of Architecture for Women, Pune



3 & 4 TOILET

MKSSS's Dr. Bhanuben Nanavati College of Architecture for Women, Pune



MKSSS's Dr. Bhanuben Nanavati College of Architecture for Women, Pune

OTHER MEASURES OF ACCESSIBILITY AT BNCA



Railing at auditorium stage at BNCA



Audio-visual digital, kiosk at entrance for, information



Signage-Floor directions, floor maps for easy way finding

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Pune

OTHER MEASURES OF ACCESSIBILITY AT BNCA



RECEPTION DESK



PARKING FOR DISABLED



RAILING TURNED
DOWNWARDS



MAIN DOOR
(INSIDE)

ACESSESSIBILITY MEASURES AT HOSTEL FOR STUDENTS

Accessible Toilets

**MKSSS's Dr. Bhanuben Nanavati College of Architecture for Women,
Pune**



Entrance at the Hostel Block



Dr. Anurag Kashyap
(Principal BNCA)

Dr. Chetan Sahasrabudhe
(IQAC, BNCA)