

Event Activity Report 2021-2022

Maharashri Karve Stree Shikshan Samstha, Karve Nagar, Pune

Name of College:	Dr. Bhanuben Nanavati College of Architecture
Activity title:	Republic day and Voters day
Date & Time:	26.01.2022
Venue:	Online-Zoom
Was it in collaboration or jointly organised if the answer is Yes- then kindly provide details of Organisation/s or Institution/s :	NO
Event Supported, sponsored by:	Sports Cell,BNCA
Do you wish to highlight any purpose or Cause for conducting this event:	Republic day celebrations, national celebrations
Under which category of BNCA does the activity fit :	Student Activities- Sports and Festival Celebrations
Name/Names of the Guest speaker:	
Chief Guest if any:	----
Names of special attendees or Invitee if any :	----

BNCA Organised a poster making competition on the occasion of 12th National Voters day. The topics of the competition were 73 years of being republic

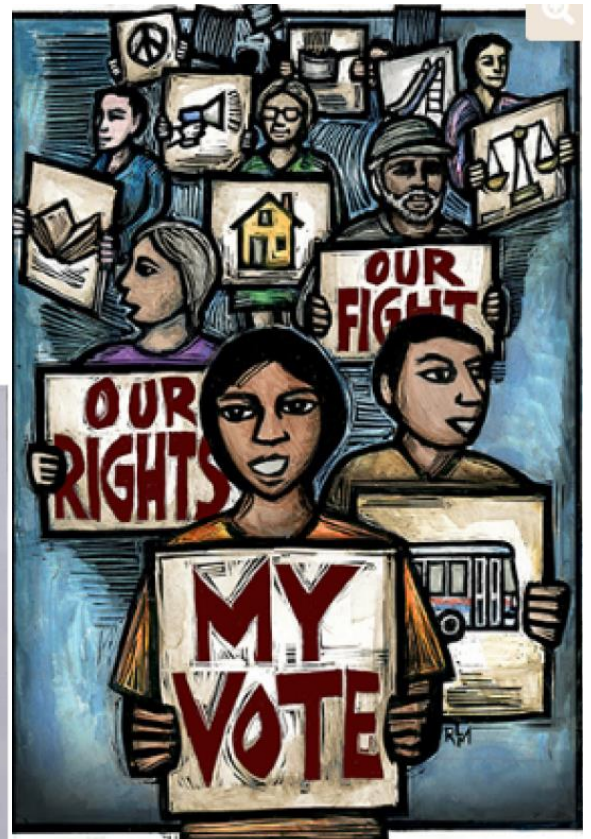
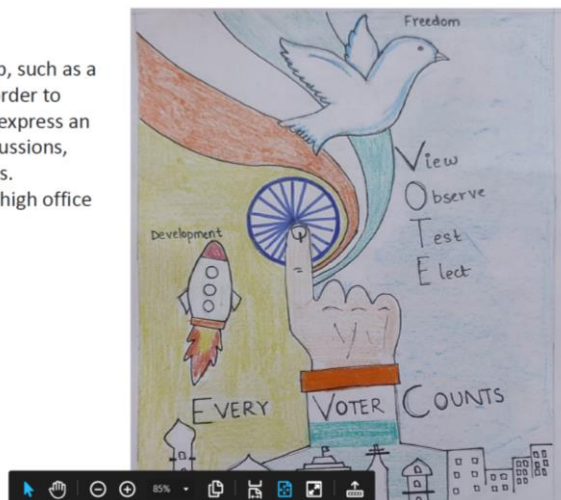
Or Secular voting in India.- Making elections Inclusive, Accessible and Participative

A total of 89 entries were sent , out of which the best ones were posted on the Official social media page.

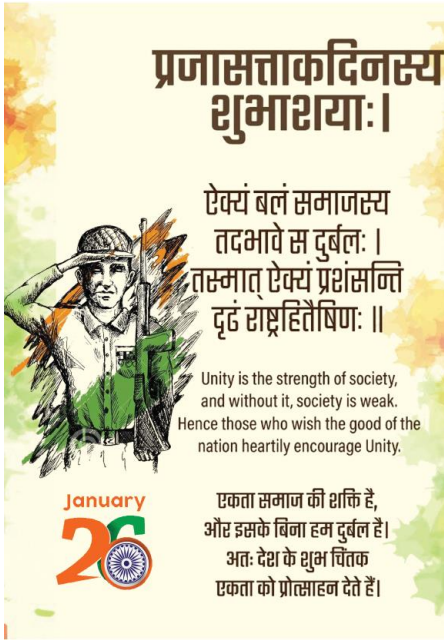


POSTER MAKING

Voting is a method for a group, such as a meeting or an electorate, in order to make a collective decision or express an opinion usually following discussions, debates or election campaigns. Democracies elect holders of high office by voting



YOUR VOTE , YOUR SUPER POWER.



List of Participating students

Ayyer Divya MAHENDRAKUMAR
Balikal annapurna MOHAN
Barge Payal Vilas
Bembade Arpita Dhiraj
Bendre Siddhata Dhanaji
Bhosle Vruddhi Dattatray
Bhujbal Esha Sachin
Chadha Grussha Anish
Chhajed Aayusha Bharat
Dahiwal Sanika Sarang
Dani Isha Suryabhan
DEKHANE MRUNAL DNYANESHWAR
Desai Rutuja Rajendra
Dhulaj Anupriya Appaso
Durgule Ashlesha Amar
Gavali Prajkta Tanaji
GORE ISHA KRISHNA
Hire Shalaka Balasaheb
Joshi Muskaan Jaydeep

KHAIRE SAKSHI SURYAKANT
Khare Sayali Vinit
KHODADE VAISHNAVI VITTHAL
KOKATE VAIBHAVI VASUDEV
Kothekar Tanvi Bhalchandra
Kumawat Pranjal Vishnu
Limble Shreya Dattatraya
LOMTE SRUSHTI VIRAJ
Mehare Shivani Deepak
Nalawade Anisha DHANAJI
PADALKAR TANVI AJAY
Paul Aditi Kishor
Raut Tanuja Sunil
Reuben Annette
Sambhu Prajakta Rajendra
SANGAM REVATI PRADEEP
Shetty Srushti Santosh
Shinde Srushti Sudhir
Shivankar Shubhada Khushal
TASKAR DIKSHA RAJENDRA
THAKAR RIYA AMAR
Veer Shruti Jeevan
Vidhate Anuja Vishnu
Ghangale Pradnya Laxman
Mantri Ishwari Rajendra

Event Activity Report 2021-22

Maharashtri Karve Stree Shikshan Samstha, Karve Nagar, Pune

Name of College:	Dr. Bhanuben Nanavati College of Architecture
Activity title:	women's Day
Date & Time:	8 th March 2022 @ 6:00 PM
Venue:	Zoom BNCA
Was it in collaboration or jointly organised if the answer is Yes- then kindly provide details of Organisation/s or Institution/s :	- - -
Event Supported, sponsored by:	alumni cell, BNCA
Do you wish to highlight any purpose or Cause for conducting this event:	develop interaction between BNCA and alumni
Under which category of BNCA does the activity fit :	lecture series
Name/Names of the Guest speaker:	
Chief Guest if any:	Ar. Pooja Soparkar, Ar. Devashree Desai
Names of special attendees or Invitee if any :	----

Alumni Journeys develop the interaction between BNCA and its Alumni. On this platform we connect our students with our beloved Alumni, where they present their journey from at BNCA to today and talk about their works, experiences, and fields of interest and share their stories.

1. Promotes interaction
2. Platform to connect
3. Students learn through architect's experience
4. Understand field interest

Over 100 Students benefitted from the talk. All the Alumni Journeys lectures are recorded for future reference

On the Occasion of Women's Day, BNCA invited its two alumni under **Alumni Journeys Lecture series** to share their experience and enlighten the audience about **"Role of Women in Architectural Practice"**.

POOJA SOPARKAR (BNCA Alumni 2010) is the principal architect at **Pooja Soparkar Architects**, a multi-disciplinary studio based in Mumbai. Practicing for about eleven years, Pooja has worked on architecture, interior design and scenography projects based in Shanghai, Mumbai and Pune. She started her career at Sanjay Puri Architects, Mumbai and went on to work for Kris Yao Artech, Shanghai, an internationally acclaimed Taiwanese architecture studio operating in Taipei and Shanghai. Pooja moved back to Mumbai in early 2018 to set up her own practice, with an aim of interpreting cultural nuances in contemporary forms.

She also is a visiting faculty with ISTITUTO MARANGONI, an Italian School for Fashion and Interior Design in Worli, Mumbai since 2018.

Devashree Desai (BNCA Alumni 2009) pursued **Masters in Urban Planning from State University of New York at Buffalo**. She mainly worked with non-profits and government planning agencies in Buffalo and New Mexico as a transportation planner focusing on bicycle and pedestrian infrastructure - from designing "Complete Streets" to developing grant funded projects for Safe Routes to School Programs.

She then got her second Masters degree in Interaction Design from Northeastern University in Boston and since then, she has shifted her focus from designing physical spaces to designing digital spaces. Devashree is based in Boston and works as a User Experience Designer at Autodesk. She has played a critical role in designing a variety of features for Autodesk Revit enabling architects and engineers to imagine and design buildings of tomorrow."

Organized by:

Prof. Neha Joshi

Prof. Geeta Nagarkar

BNCA ALUMNI CELL
ALUMNI JOURNEYS

INTERNATIONAL WOMEN'S DAY
ROLE OF WOMEN IN ARCHITECTURAL PRACTICE

POOJA SOPARKAR
BATCH OF 2010
PRINCIPAL ARCHITECT
POOJA SOPARKAR ARCHITECTS
MUMBAI

DEVASHREE DESAI
BATCH OF 2009
SENIOR EXPERIENCE DESIGNER,
AUTODESK
BOSTON, USA.

CONTACT:
NEHA JOSHI - 9623121857
MAHESH BANGAD - 99757 09665
GEETA NAGARKAR - 9767733996

Meeting ID: 93380720605
Passcode: 080322
8th March 2022, Tuesday
Time: 0600PM (IST)

Participants (45)

- Neha Joshi, Alu... (Host, me)
- Devashree Desai - A... (Co-host)
- Pooja Soparkar (Co-host)
- 4C SAMRUDDHI SHE... (Co-host)
- 4D Saloni Tanna (Co-host)
- 2B Kasturi Narkar
- 2D Vruddhi Bhosle
- 4A Urja Ingole
- 4B SAEE BORKAR

Chat

<https://forms.gle/ASlnvKw42ukoFsqY7>
Feedback form

Manija to Me (Direct Message)
how you made contacts with other architects? how to build networks?

Ananya to Me (Direct Message)
To both guests, what do you wish you would have done or did not in

Who can see your messages? Recording On

To: Manija (Direct Message) [Type message here...]

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3RD OCTOBER, 2022
**WORLD ARCHITECTURE
DAY**

Awards Ceremony

Smart City: Smart Toilets
Gender Sensitive Toilet Design



MAHARSHI KARVE STREET SHIKSHAN SAMSTHA'S
DR. BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE
FOR WOMEN



Savitribai Phule
Pune University



Department
of
Sociology



Competition

SMART CITY : SMART TOILETS

GENDER SENSITIVE DESIGN OF PUBLIC INFRASTRUCTURE

(Based on Findings of Research on Pune Smart City supported by
Rashtriya Uchcharat Shiksha Abhiyan (RUSA))

DESIGN AS A CATALYST FOR SOCIAL CHANGE
In recent years, Infrastructure growth is growing more visible throughout India in the form of new highways, roads, ports, railways and airports, power plants, urban and rural infrastructure, including water supply, sewerage, and drainage, irrigation and agriculture systems. However, the condition of the infrastructure still remains a matter of concern, especially the Public toilets. **The toilets are not gender sensitive in the design leading to many social issues** is what are the findings of the Research on Pune Smart City. These toilets are not just potential breeding grounds for bacteria and other infectious diseases, but they also become potential spots for vandalism and other anti-social activities. They are very unsafe for women using these toilets as a basic daily need. Another problem with public toilets is good and regular maintenance of them. With the COVID-19 pandemic, now more than ever, there's a need for public sanitation and hygiene.

COMPETITION REQUIREMENTS
Conscious and sensitive design of Gender-Sensitive public toilets, especially the women : through practical and well-thought out layouts offering privacy, safety and security to women, use of appropriate materials, well-designed movements patterns, suitable treatment and disposal of sewage, all of this in response to the site conditions are important criteria of design.

Students may choose any existing site conditions for their design and depict it through drawings and photographs. They may also think of refurbishing the existing toilet or demolishing one and reconstructing another in the same location. Students can also suggest strategies for regular maintenance and upkeep of the Public Toilets.

COMPETITION TIMELINE

1. Competition floated on - 11th March, 2021
2. Registration for competition -Till 15 March, 2021(refer QR Code)
3. Lecture by Researchers-Dr Shruti Tambe & Colleagues--16th Mar (5-6pm)
4. Entries to be sent to shubhadha.bnca@gmail.com till 20th Mar, 2021(5pm)
5. (Online) Jury of Eminent Experts- 21st March, 2021



WHO CAN PARTICIPATE AND HOW?

- * Participation Open to all **FACULTY AND STUDENTS** under SPPU Affiliated Colleges.
- * Faculty entry may be separate, as an individual or in group of maximum two.
- * Students entry may be individual or in group of maximum three.
- * Competition Entry format is 3-4 A3 size sheets supported by Images and Walkthrough (optional) of the designed Structure.
- * The entries will be short listed and 10 shortlisted entries will present their work to the Eminent Panel in Powerpoint format in maximum 7 minutes (around 8-12 slides) along with Q and A for 5 minutes.

COMPETITION PRIZES AND AWARD CEREMONY

- * Grand Award ceremony and Attractive Prizes to Winner and Runner-up under STUDENT and FACULTY Category.
- * E- Certificates to the Participants

Organised by Dr Shruti Tambe Dr Shubhadha Kamalapurkar 9850958250 Prof Smita Oale 9881499351	Students Representative Ms Esha Jain 7218318379 Ms Kshirpa Deolalikar 7028742468	Supported by Dr Anurag Kashyap, Principal, BNCA Dr Shruti Tambe, Head, Dept of Sociology, SPPU
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AWARDS CEREMONY

Dr Shubhada
Kamalapurkar, BNCA

Dr Shruti Tambe, Dept of
Sociology, SPPU

TEA AND SNACKS -2.20-2.30 PM

AWARDS CEREMONY PROGRAMME
2.30 PM – 3.00 PM

INTRODUCTION TO PROGRAMME AND
CHIEF GUEST-5 MINS

ADDRESS BY DR KASHYAP, PRINCIPAL,
BNCA -5 MINS

TALK BY DR TAMBE, PRINCIPAL, DEPT OF
SOCIOLOGY, SPPU -5 MINS

AWARDS – 10 MINS
ADDRESS BY THE CHIEF GUEST -5 MINS

SWaCH Impact 2021



800,000

Households Covered Daily



3,500

Waster-Pickers Integrated



70,000

Tonnes of Recycled Waste
Annually



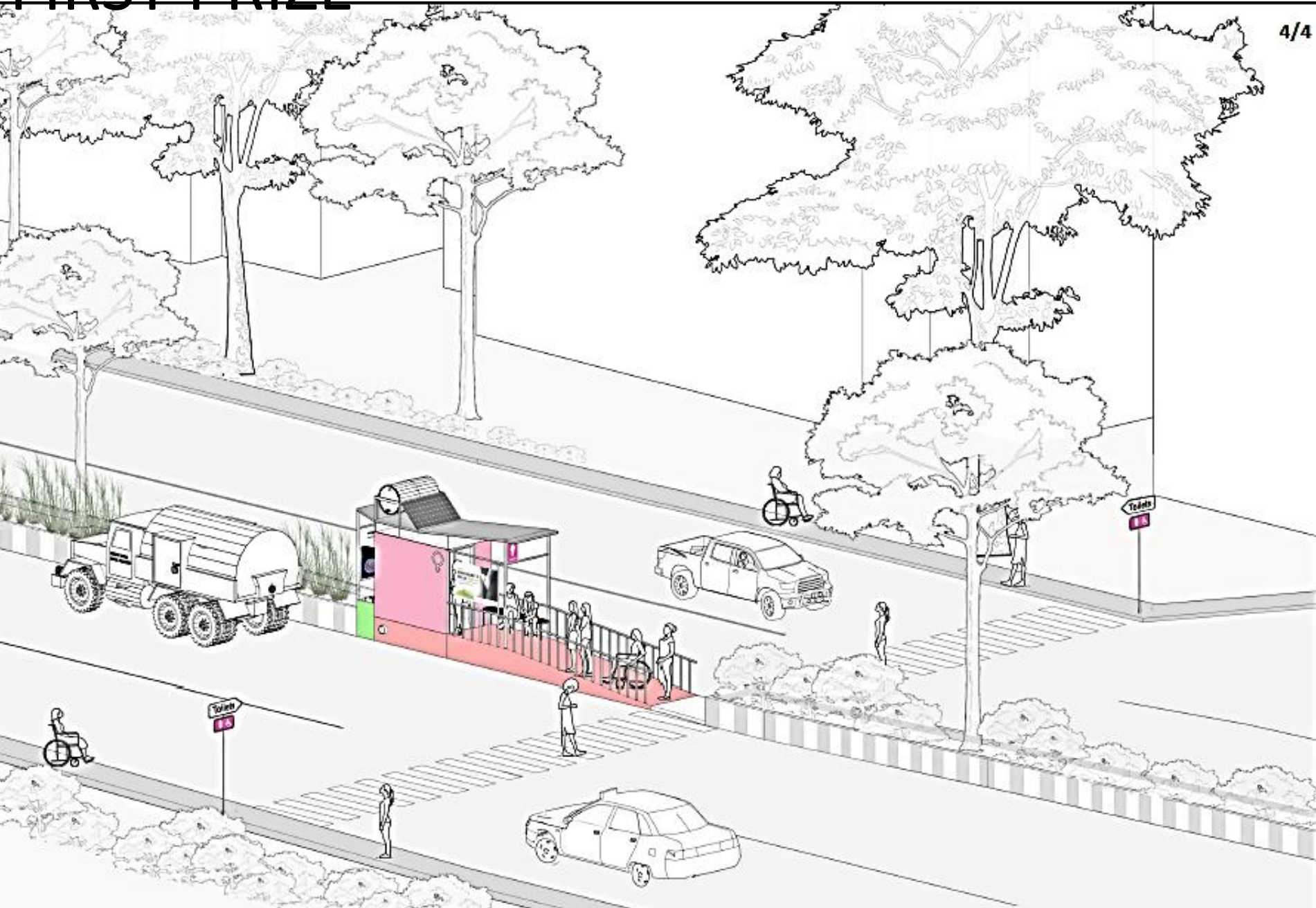
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Core Saved To PMC

Awards

- INDO-SAN Award from the by the Ministry of Urban Development New Delhi. 2016.
- Safaigiri Garbage Guru Award from India Today 2016.
- SKOCH Order of Merit to PMC for integrating the informal sector in Municipal waste. 2013.
- Maharashtra Pradushan Mandal – Short film award 2013.
- ICON SWM Award for excellence in SWM 2012.
- JCB CLEAN EARTH Awarded to both PMC and SWaCH.
- Hirakani Award to Suman More from Doordarshan 2016.
- IIMM award Unsung heroes 2016.
- The Citi Micro Enterprise Awards 2013 in two categories ‘Best Community Micro Enterprise of the Year’ and ‘Best Urban Micro Enterprise of the Year’.

FIRST PRIZE



BIRDS EYE VIEW SHOWING LIFE QUALITY AROUND THE TOILET

THE PRESENCE OF ABSENCE

(TOILET AS A CONNECTING THREAD)



CONTEXT



INTRODUCTION

In recent years infrastructure growth is tremendous in India. However the condition remains a matter of concern in terms of Public Toilets. The Toilets are becoming potential spots for vandalism and other anti-social activities, they are unsafe and thus a thoughtful approach is necessary for Women Public Toilets.



CURRENT SCENARIO

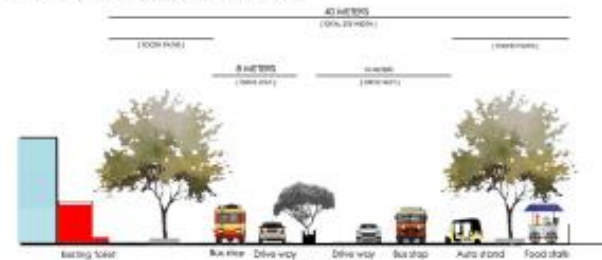
This is a case of Karvenagar, Pune where from the government side they have fulfilled the demand for Public Toilet in the area but are these toilets used effectively is nobabys concern at all. There are many issues related to social, communal, Religious, Gender Based, Placment of Public toilet in the Context, Maintenance



SITE (KARVE NAGRA, PUNE)



The site is located in Karve Nagra, It has many commercial, institutional and residential landuses in the neighbourhood making it a potential site for womens toilet. The design would be justified for other sites with similar site conditions as well.



SECTION

Section to understand the relation of Toilet with the Pedestrian & Traffic.

ANALYSIS

When you need to use a toilet, what do you do?



• Most of them reach home • Use a nearby shop
• Use Public Toilet • Use a nearby office

The above Pie is to understand distribution of possibilities & ways in which women react when they want to use toilet.

Have you ever used a public toilet?



• Yes • No

How often women uses a public toilet in order to understand the ratio of womens mindset

Why is it been ignored?



Context around the toilets also matters for example Rickshaw stand, Tapris etc.



The Toilets are placed on extreme internal parts of the footpath making shady spaces around.



The Toilets doesn't come in the vision for the women who are walking on the other side of the road.

CONCERNS



Mens using Ladies Toilets



Less number of toilets for women



Road side Parking



Movement on both side



Trees Canopy



Public Movement

The Indian EXPRESS

THE TIMES OF INDIA

THE TIMES OF INDIA

CONCLUSIONS

Public toilets remain inaccessible



Unhygienic, unusable: Public toilets for women raise a stink



Luxurious toilet with high-end seats and shopping malls, the road from Dombivli to Hinjewadi is a government waste for many.
However, the building built in Dombivli is not hygienic. The road is the worst, which is not to be used.

16-year-old girl gang-raped in public toilet in UP's Etah



ANUP: A 16-year-old girl was allegedly gang-raped in a public toilet in UP's Etah for five people from her village, including a former village headman. While the incident happened on Monday, the FIR was registered only two days later, on Wednesday, as the victim's family was allegedly forced away to the police station where they had to

PLACEMENT OF TOILET :

The Context in which the Toilets are placed matters to women, and it becomes difficult for them to gauge the sense of security everytime they want to use it. Thus avoids.

MAINTAINENCE / CLEANLINESS :

The Maintenance of the toilets can be looked at by proposing suitable strategies

ACCESSIBILITY :

Toilets are placed only on one side of the road but what about the womens walking on other side of the road?





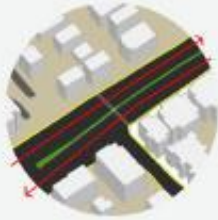
Women



Existing Movement pattern

Currently we see roads with divider and vehicular movement on either sides on it.

If has pedestrian movement parallel to the road.



Design Intervention

(Private transport)

In order to make the space around the women's toilet more active and not leaving it secluded on road edge, the divider is moved to be the site for women's toilet.

Women travelling through vehicles as well as walking could easily spot this toilet and visit while crossing the road.



Design Intervention

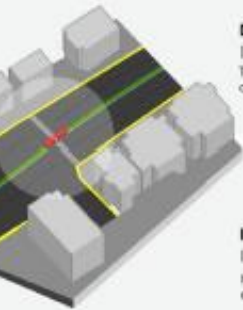
(Safety as main goal)

This would ensure no shady activities happen in this toilets

Idea

(Women's toilet)

Making toilets visible and thus ensuring safety of women



Section (showing probable placements of women's toilet)



PARKING

There is car parking near the footpath edge.



GATHERING

People use it in the evening.



INSTITUTIONAL

There are girls only institutes nearby such as BNCA



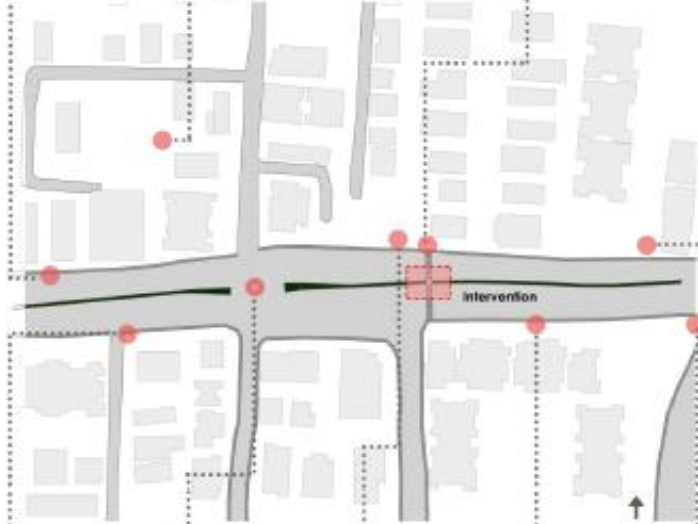
ROAD PEDESTRIAN (PERSONAL PUBLIC)

The Toilet is proposed near cross-over.



AUTO RICKSAW STAND

There is a rickshaw stand near the site as transport.



CAFETERIA & STALLS

This initiates interaction and people spend more time.



CHOWK

There is a major cross over near the site for Vehicular crossing.



COMMUNITY GATHERING

Open Space near the site invites lot of females with their child.



FOOD COURT

Retaining the existing food stalls which is an incentive for stall owner and also promote job opportunities



SEPARATED CIRCULATION

Separating public from vehicular circulation taking into consideration the movement of kids.

Current Practise of Placing Toilets



Proposed Alternative



Creating a Safe Environment

HOW?

The Context in which the toilets are placed matters to women, and it becomes difficult for them to gauge the sense of security everytime they want to use it. Thus, avoid.



This placing the toilets on median of the road would not only make the toilet visible, easily accessible for the women to use while crossing the road. In vision of the assembly but also make the males feel shy who usually use the women toilet placed in shady areas.

FUNCTIONS



Easy Accessibility

The toilets are centrally placed thus women walking on both the sides can use the toilets effectively and can use them singly while crossing the roads.



Visibility & Safe Environment

There won't be any kind of struggle in order to find the public toilets for women walking on either sides of the road and also for the women who are travelling by cars to their work or way back to their homes. They can just park their car and use the toilets on medians.



Treatment & Sewage Disposal

The urine when diluted can be used as liquid fertilizer for the plants growing on the road median. Human waste when mixed with ash and lime can be used as compost or fertilizer for plants on road divider.



Vacuum Truck Toilet

SECTION BB - Maintenance
 Vacuum Trucks can be used to clean the Excrete after 2 months so 6 times a year, the compost can be mixed with Ash + Lime & used as fertilizers.



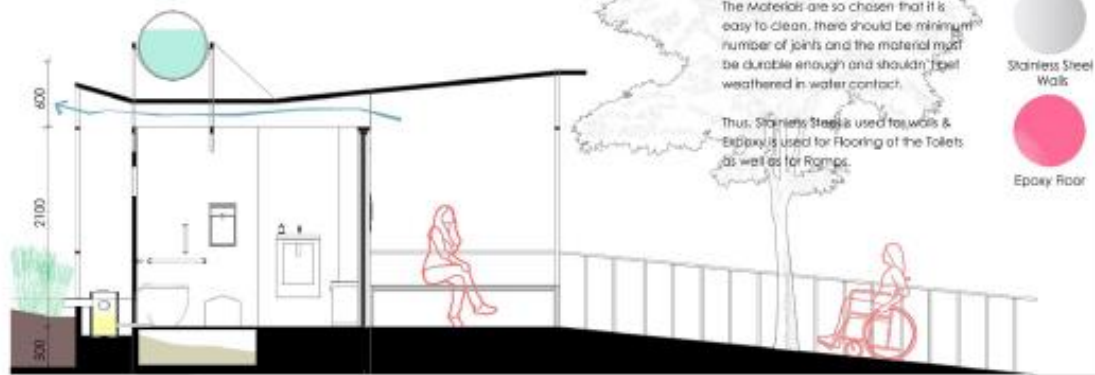
Reed Bed System

Urine is mixed with gray water and is diluted. This diluted urine is treated with Reed bed system and is used as fertilizers for plants.



Funds for Maintenance of Toilet

Since Road dividers are used for advertising, this toilet will have boards for advertising & the money collected will be used for maintenance of the toilets.



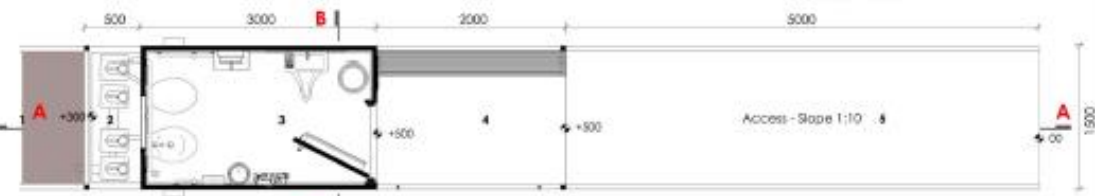
Treatment Women Toilet Waiting Area Access - Slope 1:10

SECTION AA - Showing Accessibility, Functioning & Treatment



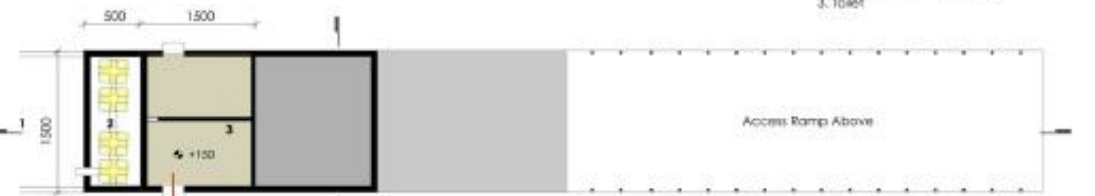
ROOF PLAN

- LEGEND**
 1. Roof
 2. Water tank
 3. Solar Panel



GROUND FLOOR PLAN

- LEGEND**
 1. Reed Bed
 2. Filtration area
 3. Toilet
 4. Waiting area
 5. Ramp



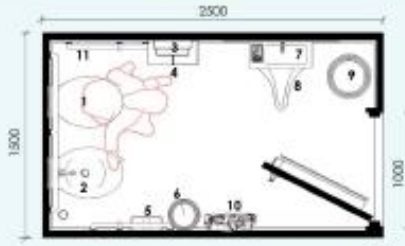
LOWER LEVEL PLAN

- LEGEND**
 1. Reed Bed
 2. Filtration area
 3. Soil waste collection

The Materials are so chosen that it is easy to clean, there should be minimum number of joints and the material must be durable enough and shouldn't get weathered in water contact.

Thus, Stainless Steel is used for walls & Epoxy is used for Flooring of the Toilets as well as for Ramps.

- Stainless Steel Walls
- Epoxy Floor



Zoomed Level Plan

10. Hook for Hanging Women Accessories.

11. Handles for Universal Access.

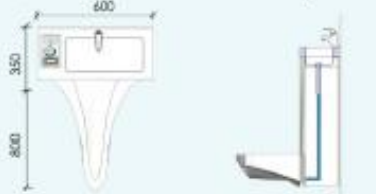
1. Urine Separator Dry Toilet System.

2. Bidet.



The Excrete and Urine is collected separately, treated and are used as fertilizers for the plants growing on road median, Thus reducing water and drainage issue.

7.8 Stand and Pee Women Urinal + Basin on Top



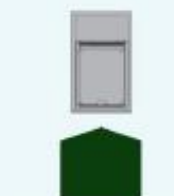
Stand and Pee Urinals are provided for Women to ensure hygiene. Basin is combined with urinals so that when one wash their hand the same water clears urinal.

5.6 Toilet Paper + Dustbin

3.4 Sanitary + Ash & Lime



Separate Dustbin Provided for toilet paper disposal.



Sanitary Dispenser along with incinerator provided.

SECOND PRIZE

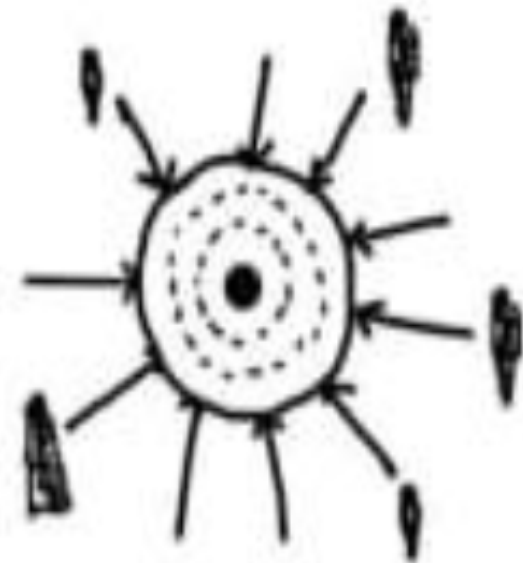
चार दीवार (FOUR WALLS)

Char dewwar is term used to define a place surround with a wall in order to fortify. The idea of char dewwar is to create environment for women which is secure , safe .the design psychologically and physically uses the idea of wall to infuse the community with the four most walls constructs of a slum community which are good Sanitation , Recreation, Clean and Hygienic walls only erected to dissolve .wall that serve not as obstructions but women to protect from various disease and more secure routine.

Culture is often seen as a road block in design ,something to work around ,when it could be worked with ,bringing about a behaviour change risks potential abdoornment of the structure as a whole .the concept was to introduce elements into their existing environment provide a immensive experience ,they prefer while filtering out the hazards of hygiene and safety associated with it .the idea was to design a respectful responsive and familiar environment to provide them the freedom of choice to various degree of privacy while keeping intact their interest.

However, due to the single function of traditional public toilets and the negative space, the communication in toilets is often just a simple greeting.

As a new form of public space, the location advantage of the project makes them more frequently used and would become a tiny landmark for people gathering. By carefully arrangement of the Interior design also provides more opportunities for people to communicate and stay.



Graphic represent the : women toilet design in a consideration of security ,safety , clean, hygienic with sanitary facilities.

Community



Characters



About the community case study:

- ❖ A slum is usually a highly populated urban residential area consisting mostly of closely packed, decrepit housing units in a situation of deteriorated or incomplete infrastructure, inhabited primarily by impoverished persons.
- ❖ The main physical attributes of the slum areas are substandard, dingy houses of high density and congestion, overcrowding, insanitary conditions,
- ❖ absence of basic amenities like water supply, drainage and sewerage and disposal of garbage, etc

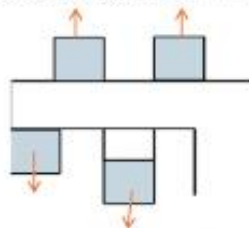
Live Sketching on site



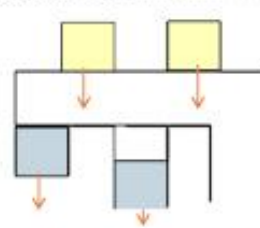
Photos of Site



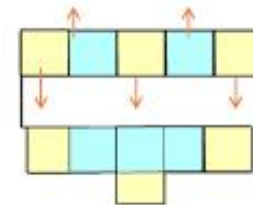
Possible arrangements



Blocks open outside



Two block are open inside and other outside

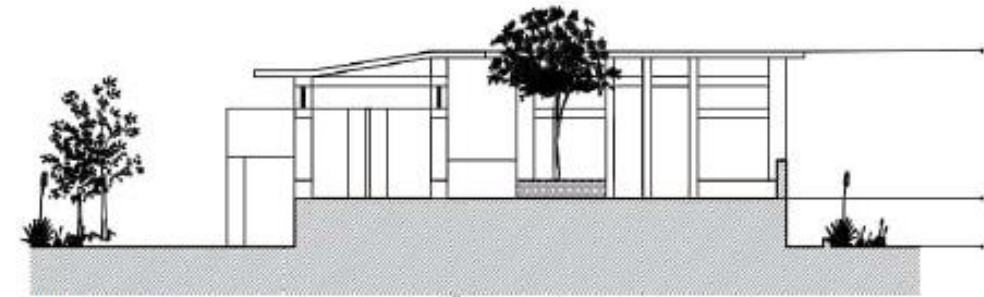


Blocks connected with each other

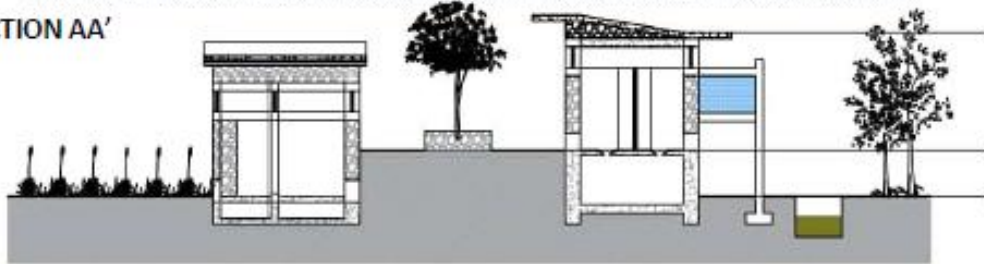
Why we chose this particular site ?

- Because of its frequency of use and necessity, public toilet should be part of public realm.
- As a new form of public space, the location advantage of the project makes them more frequently used and would become a tiny landmark for people gathering.
- In slum area ,many people die because of inadequate water, and sanitations during in pandemic
- For those problems solves, "*change is necessary to bring a change*"

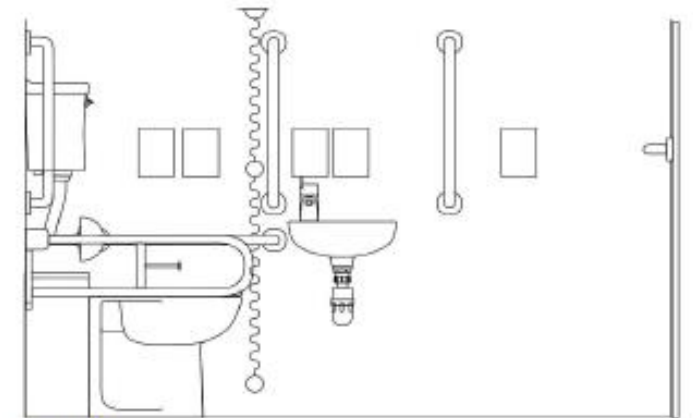
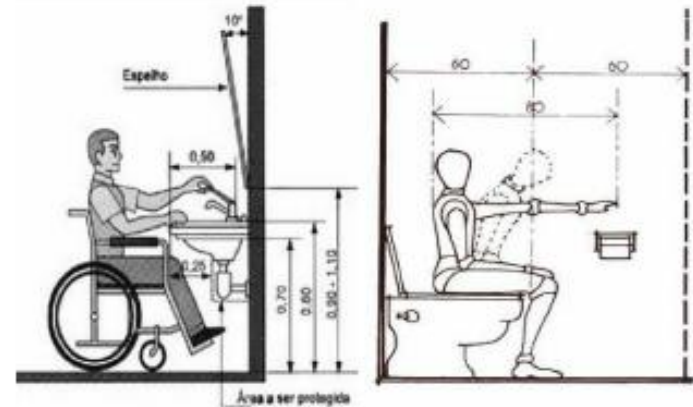
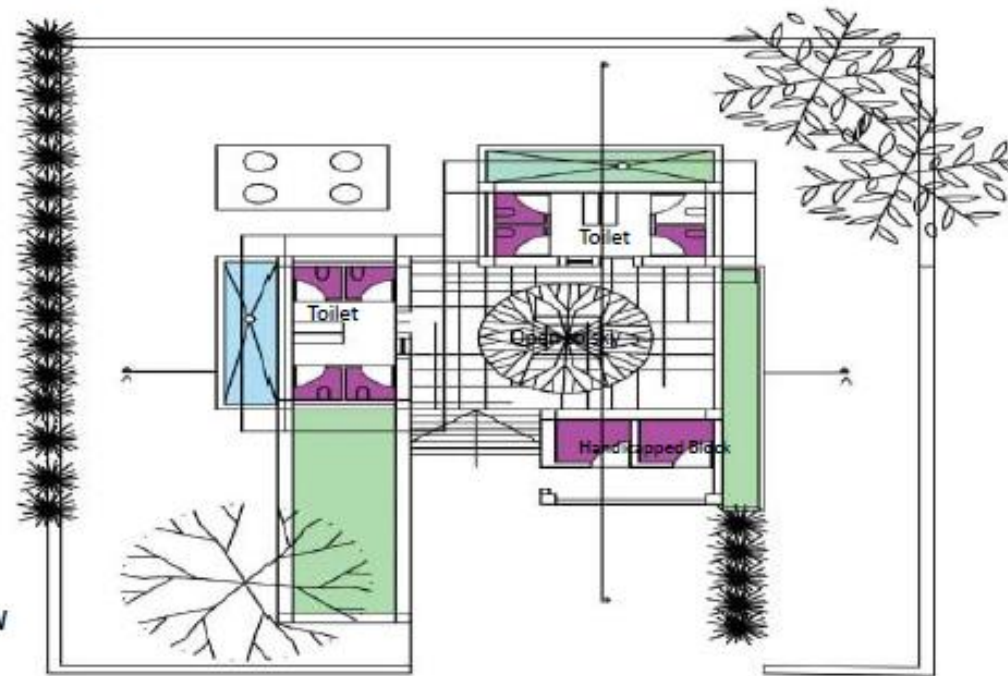
SECTION AA'



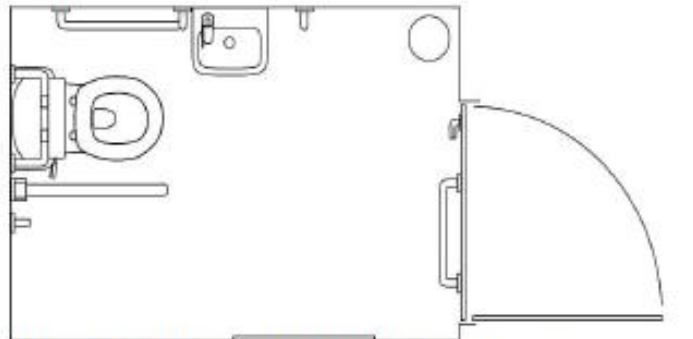
SECTION BB'



PLAN



Section



Plan : Handicapped toilet block (Detail Dwg)

THIRD PRIZE

Model Views



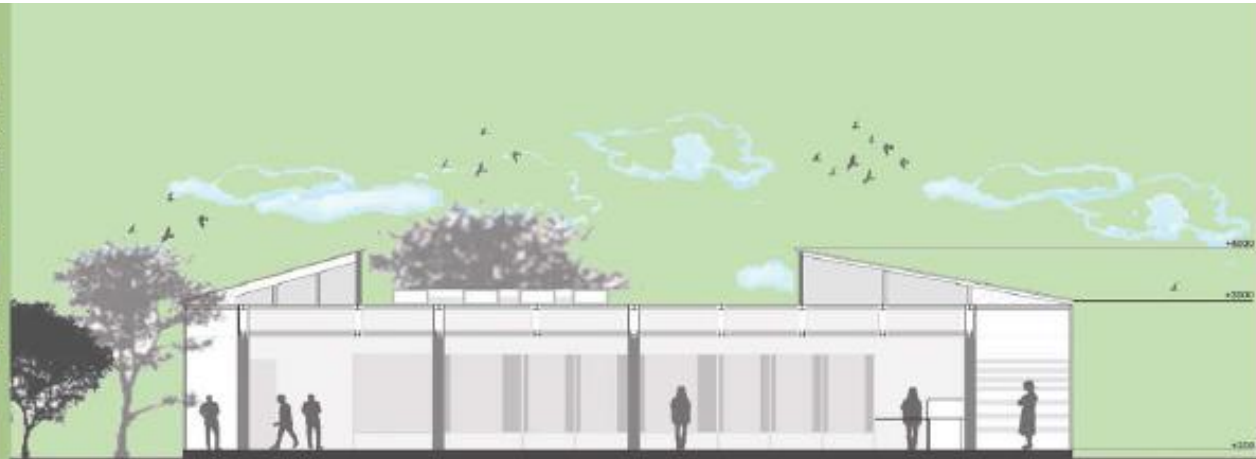
Front view of the structure.



Elevation from the road side.



Top view



Site Analysis



Showing location with site marked on it.



Image showing footpath adjacent to site.



Image showing the existing toilet block.

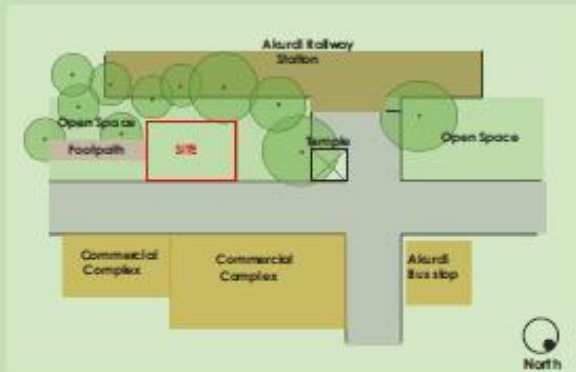


Image showing adjacent area of the site.

The site is situated on Akurdi Railway Station road, Pune.

Nearby locations are:

- Akurdi Bus stop.
- Police Station.
- Akurdi Station in west.
- Commercial Complex on eastern side.
- PCCOE at distance of 200m.
- D.Y.Patil College at distance of 1 km.
- PCNTDA building at a distance of 500 m.



The site is having existing public toilet, it is surrounded by the cluster of trees. Adjacent to site there is small temple.

Synthesis about the site:

- After analysis the surrounding environment and studying the existing toilet, the toilet lacks in maintenance, proper sanitation and several other factors.
- The idea is to demolish the existing toilet and reconstructing the another one.

Project Overview :

What?

Public toilet are meant for floating population, that is they serve the need of people passing from their.

Why?

Toilet meet vital user needs and have huge impact on a nation's health, when it comes to public toilet, they are often perceived as dirty, stinking spaces. The facilities are poorly maintained.

How?

The aim is to provide a facility that is easily viable, feasible. Keeping intact the basic functionality with detailing to transform the perception and experience of users towards toilet.

Approach

Creating a balance between open and enclosed spaces.

Providing self cleaning facilities and facilities for differently abled person



Creating a Clean, Comfortable and Comprehensive environment for Communal interaction by maintaining Co-equality.

Providing Facilities For



The aim of the design is to create a safer environment for women using toilet, due to railway station present in the vicinity more and more women tend to use the toilet. For their safety the entrance and the exit of toilets needs to be tackle.

By talking to some of the women we understood if more and more people are present outside the toilet makes them feel safe as not all men are of bad intention so interactive spaces can become an important element in design.



Top views of the approaching design



Front Views of the approaching design

Why people Avoid public toilets



Water on floors can lead to slippery action, broken doors, lack of security.



Lack of maintenance, leakage in pipe drainage systems, foul smell.



Lack of security for women as the men and women's toilet are beside each other.



Lack of cleanliness, various kinds of hygiene issues, due to poor maintenance.

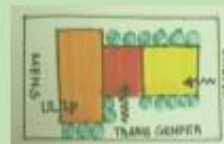
Women visit the toilet more frequently because of pregnancy, periods and cystitis, to check on worries about vaginal discharge, etc. All these uses and visits require good "access", lots of public toilets, plenty of internal space and a welcoming atmosphere. This is quite a different agenda from the cultural priorities dominating male toilets.

"I don't remember the last time I used a public toilet. Maybe long back at petrol pump while travelling. I always prefer to control and I can control for very long time. They are just dirty and stinking with water dripping everywhere".

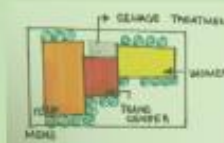
Form Development Plans :



Stage 1: Most basic and important of all, segregation of circulation between men and women toilets.



Stage 2: Adding the block of trans gender, maintaining privacy between the three, also encouraging equality.



Stage 3: Adding the sewage water treatment block, for the vegetation to grow and making the structure self sustainable.



Female-friendly public and community toilets must :

- **Be safe and private:** be in a safe location; have a clearly marked female toilet section with a separate entrance; have good lighting; have trained male and female attendants; have robust, private cubicles.
- **Cater for menstrual and other hygiene requirements by providing:** water and soap; hooks, shelves and mirrors; access to menstrual products; means for washing and/or disposal of menstrual products.
- **Be accessible to all users:** be at a reasonable distance from homes or activity centres; be reachable via an accessible path; have at least one cubicle accessible to all users.
- **Be affordable and available when needed:** have enough cubicles to avoid long queues, which means allocating extra space and cubicles for women; be open when needed; have an affordable tariff or be free.
- **Be well maintained and managed:** have adequate management arrangements and cleaning and maintenance budgets; have safe management of faecal, liquid and solid waste.
- **Meet the requirements of caregivers and parents:** have a baby changing station; have a family-friendly cubicle.

Form Development Sections :



Stage 1: To tackle with the odour inside the toilets planters which gives fragrance are planted at the periphery.



Stage 2: Traditional method to ventilate the air in the toilet are used, the basic phenomenon of stack effect, which have jall on the upper block.

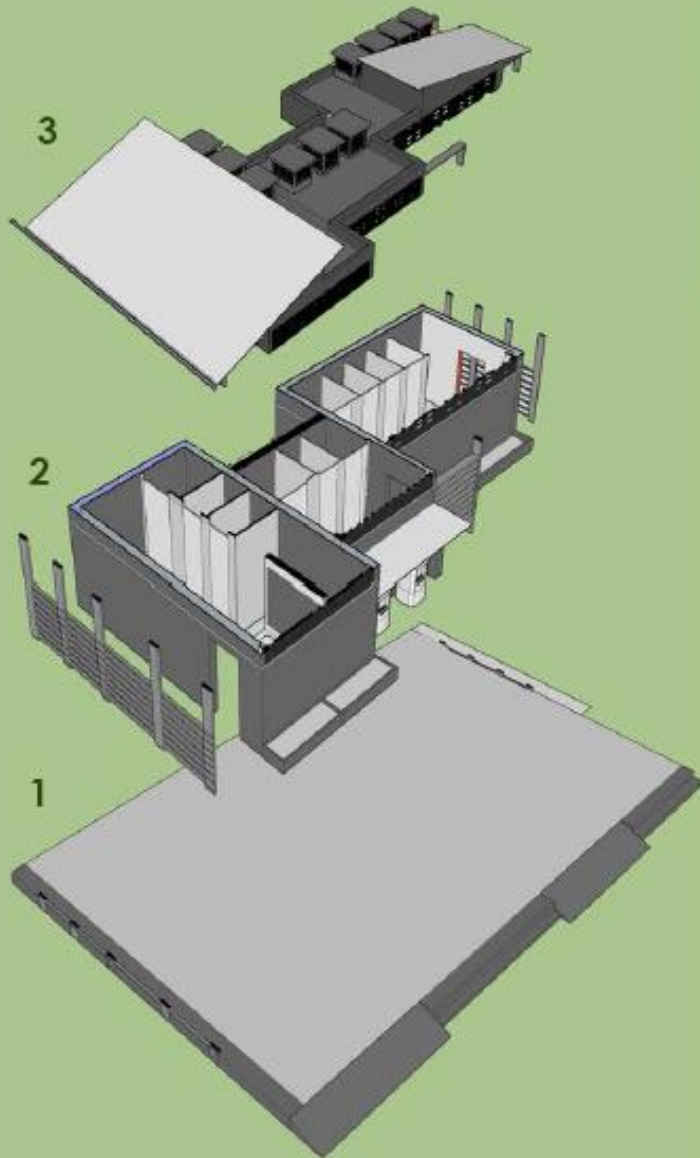


Stage 3: To make the circulation more easier pergolas are added which guide you through the site and also used to maintain privacy.



Stage 4: Sloping roof is used to make the light ventilation more fluent and also to provide solar panels which would supply power at night.

Exploded View



Materials :

- Combination of two materials that is Brick and steel is used ,the framing members are of steel and the walls are of brick.
- Also the structure is of brick till 2.5m and of steel after that.
- Which makes the structure look more lighter.

Hence the idea of Creating a clean comfortable and Comprehensive environment For communal interaction by maintaining coequality has taken a shape.

Now the scenario is totally different as the toilets are more cleaner, and comfortable. The water doesnt stay at one place but it flows itself towards the slope. Also Due to community interaction adaje cent to the toilets it feels more safer".

