

# STUDENTS' DESIGN COMPETITION 2017

# PAST CONTINUOUS IS FUTURE PERFECT

andscape Foundation Students' Design Competition Land has evolved and traversed a long journey in the last ten years { starting in 2008} with each year bringing new perspectives to the environment around us and at the same time, it also culminates with lessons of learning, refining and maturing for the Foundation itself. This year the theme firstly drew attention towards the heritage and historic context, and secondly towards the contemporary and functional aspect. Students could explore spaces around monuments and heritage sites. More explicitly, it provoked re-imagining of heritage precincts that either fall within the purview of State or Center Archaeology or are derelict or ill designed. Various students across the country worked on diverse and multi-scaler sites - historic parks, areas around monuments, traditional water harvesting structures and routes, old towns and settlements and cultural landscapes on regional levels to address the theme in multiple ways.











A G Krishna Menon is an architect, urban planner and conservation consultant practicing in Delhi for over four decades. He has been simultaneously teaching in Delhi and in 1990 co-founded the TVB School of Habitat Studies in New Delhi. He is actively engaged in research and his contributions have been extensively published in professional journals and several academic books through which he has emphasised the inter-relatedness of the spatial disciplines and the imperative to engage with the local cultural and ecological contexts while dealing with them.

Anjan Mitra is a practicing architect, urban designer and leads a design consultancy firm, The Appropriate Alternatives, based in Kolkata. It focuses on the holistic aspect of Development—propagating responsible architecture, sustainable practices—as well as covers the entire gamut of Design—product development, technological innovation, value addition, interior, architecture, landscape, urban design and project management.

Suneet Mohindru is a practicing architect and a landscape design expert. He founded 'Oracles', a landscape design, planning and conservation consultancy practice with a view to amalgamate intense theoretical background and passionate rigour. Academics are Suneet's strong parallel pursuit and 'Cultural Landscape' is his key area of interest. He has been associated with School of Planning and Architecture as a Visiting faculty, apart from taking special courses, electives and juries in various institutes.

#### THE JURY

 □ LEFT TO RIGHT | A G Krishna Menon, Anjan Mitra and Suneet Mohindru

























#### FIRST PRIZE Landscape for Reverence and Commemoration Priva Sharma

Masters in Landscape Architecture BNCA College of Architecture, Pune

SECOND PRIZE Portals into Forgotten Knowledge Shivani Vinod Kumar

B. Arch. (5th Year)

R V College of Architecture, Bangalore THIRD PRIZE

#### Self Sustenance in Water: Reviving the **Neher System of Aurangabad** Justin Mathew Thomas

B. Arch. (2017) Kamla Raheja Vidhyanidhi Institute for Architecture, Mumbai

#### SHRIYA ANAND AWARD Sabz Burj Plaza Mayukh Raha, Karishma Rai & Madhulika Sanyal

Masters in Landscape Architecture & B. Arch. (4th Year) School of Planning & Architecture and Jamia Millia Islamia, New Delhi

#### SPECIAL MENTION Watershed Management for Melukote Chandana Keshava Murthy, Manu M & Vijetha C P

M.Arch. (Landscape) M S Ramaiah Institute of Technology, Bangalore

### SPECIAL MENTION Deulwadi: An Urban Oasis

Nidhi Kapri & Manoj Sharma M. Arch. (Landscape) L S Raheja School of Architecture, Mumbai

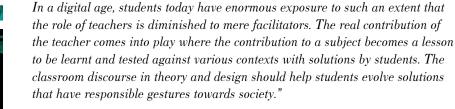
#### THE RESULTS

#### **↑ WINNERS 2017**

LEFT TO RIGHT | Priya Sharma | Shivani Vinod Kumar Justin Mathew Thomas | Karishma Rai, Madhulika Sanyal & Mavukh Raha | Chandana Keshava Murthy Manu M & Vijetha C P | Manoj Sharma & Nidhi Kapri



"The solution to any design issue should not come from out of the context, instead it should come from within the context. The problem should define what the solution is. Studio projects confine themselves to only pin-ups and critique, but competitions allow solutions and some are acknowledged. These contexts and sites take a back seat when designers are unable to realize their ideas in the real world. The role of designers completely diminishes when the stake holders (citizens and the politicians) have dreams and aspirations of their own. In India, as a society, we have a long way to go. We are poor in literacy, imagination, material and money. Therefore solutions to problems can be dictatorial and disastrous from the perspective of designers or vice-versa the users. Thus for architects stepping into practice, a good advice may be to think of design as a series of choices which address a particular issue and then to select the appropriate one. In a democracy, there can't be heroic solutions, only satisfactory



#### — A G Krishna Menon

····· past continuous is future perfect |

In Discussions...

"In the competition, entries that have addressed the context with heritage value through an essence or spirit befitting the site in the contemporary context overruled the other entries. The jury selected entries where the spirit was being honoured and thus enabling a very futuristic way of looking at design issues."

#### — Anjan Mitra

"Everybody cannot be involved directly with conserving the heritage, but lessons can be learnt on how a landscape designer can capture the spirit of various elements in nature from the past through meaning, through attitude towards nature in various periods of history or how open space and its surrounding context have been dealt with. We perpetuate values which are inherited because heritage is after all something that we inherited and it is something for prosperity which is our responsibility."

#### — Suneet Mohindru







## Landscape for Reverence and Commemoration

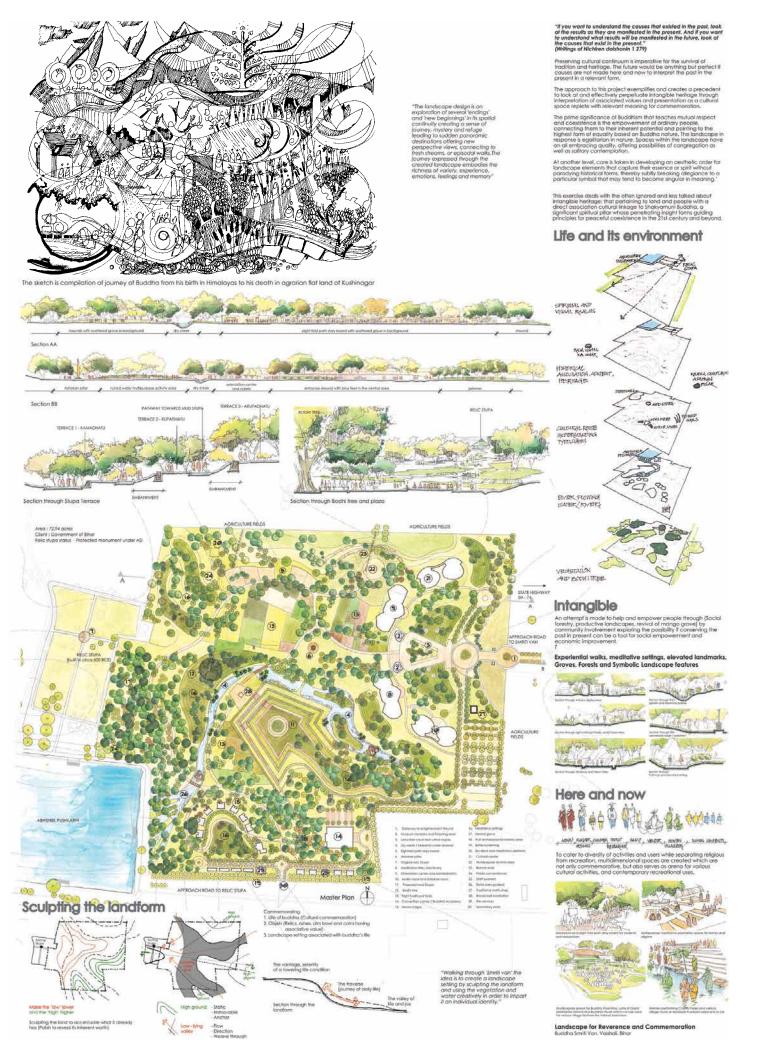
Priya Sharma

A public green in a religious town with important Buddhist relics becomes the landscape canvas where important events from the life of Buddha are celebrated in diverse creative ways giving it distinct identity of a cultural landscape.

Preserving cultural continuum is imperative for the survival of tradition and heritage. Buddhism signifies mutual respect, coexistence, empowerment of ordinary people and connecting them to their inherent potential while pointing to the highest form of equality. The adopted approach exemplifies and creates a precedent to look at and effectively perpetuate intangible heritage through interpretation of associated values. Spaces within the landscape, egalitarian in nature, have an all-embracing inclusive quality, offering possibilities of congregation as well as solitary contemplation. An attempt is also made in developing an aesthetic order that captures the essence without parodying historical forms, thereby subtly breaking allegiance to a particular symbol that may tend to become singular in meaning. The idea deals with the intangible heritage, pertaining to land and people with a direct association with the cultural linkage to Shakyamuni Buddha, a significant spiritual pillar whose penetrating insight forms guiding principles for peaceful coexistence in the future times.

#### **JURY COMMENTS**

Understanding of the theme in relation to the historic, cultural, religious and ecological value of the site in a methodical and consistent way, right from the conceptual idea to the final design is the most positive attribute of the entry. Articulation of the central idea where the past gets connected with the present and future finds many creative interpretations. It is one of the very few entries that explore the idea of creating landscape setting by molding the land as per the natural topography. While demonstrating a maturity in spatial organization, the design has a geometry and order, yet comes across as a space that has a natural character. A balanced and well thought of presentation of the entry holds many lessons.





# **Portals into** Forgotten Knowledge

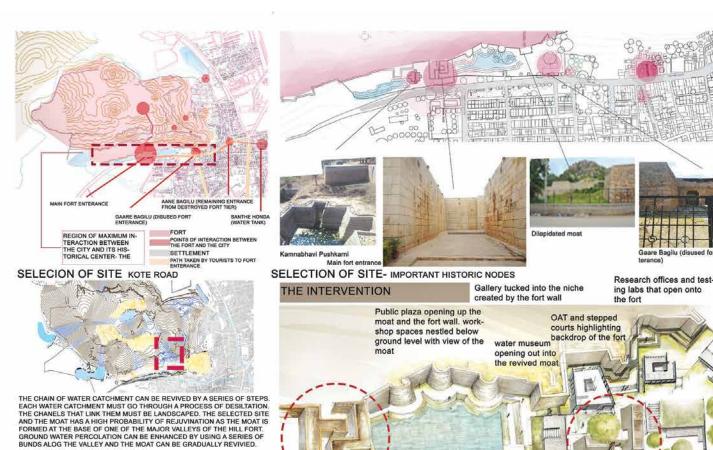
Shivani Vinod Kumar

Series of historic water catchments in the form of ponds, moat among others find a new life as an integrated design in the backdrop of a historic fort that is rejuvenated by diverse design means.

C hould historic monuments be preserved retaining their original character Of the time or can they be re interpreted and re appropriated to changing contexts? Does a connection remain between the growing city and its historic past or can the two exist relevantly as separate entities? Is there a role that historic entities can play in present times? The design aims to look at the historic structures not as stagnant entities but as elements that have lessons to impart. It takes the site of historic fort of Chitradurga to demonstrate the idea by conceptualizing a study and research center that translates the knowledge of the past into the context of the present. The study of traditional water management structures and systems to come out with diverse ideas to address water scarcity issues becomes an integral part of the proposal.

#### **JURY COMMENTS**

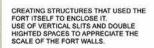
The design discusses the topical and relevant environment issues facing the country. It addresses the competition brief by looking at the past for clues of forgotten intelligence and wisdom while using historical references to resolve these present day urban concerns. On the way, it breaks the boundaries in a non invasive way to highlight the main idea.



REVIVAL OF THE MOAT

CREATING A SERIES OF LINKED PUBLIC COURTS

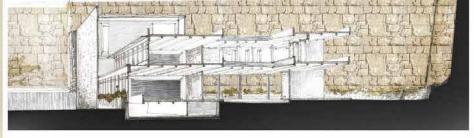
GENERATING LINES THAT CREATED FOCUS ON THE FORT WALL
CREATING PATHS OF MOVEMENT ALONG THE WALL



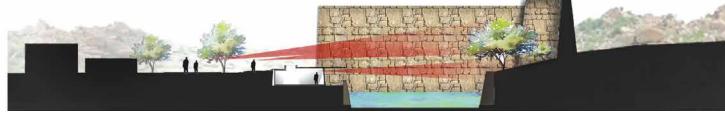


GAARE BAGIU (DISUSED HISTORIC ENTRY GATE REUSED

USE OF LOCALLY AVAILABLE GRANITE STONE IN VERTICAL COURSES TO CREATE A HORIZONTAL CONTRAST TO THE HIGH FORT WALLS. THESE WERE ACCENTED WITH MODERN MATERIALS SUCH AS CON-









## Self Sustenance in Water Reviving the Neher System of Aurangabad

**Justin Mathew Thomas** 

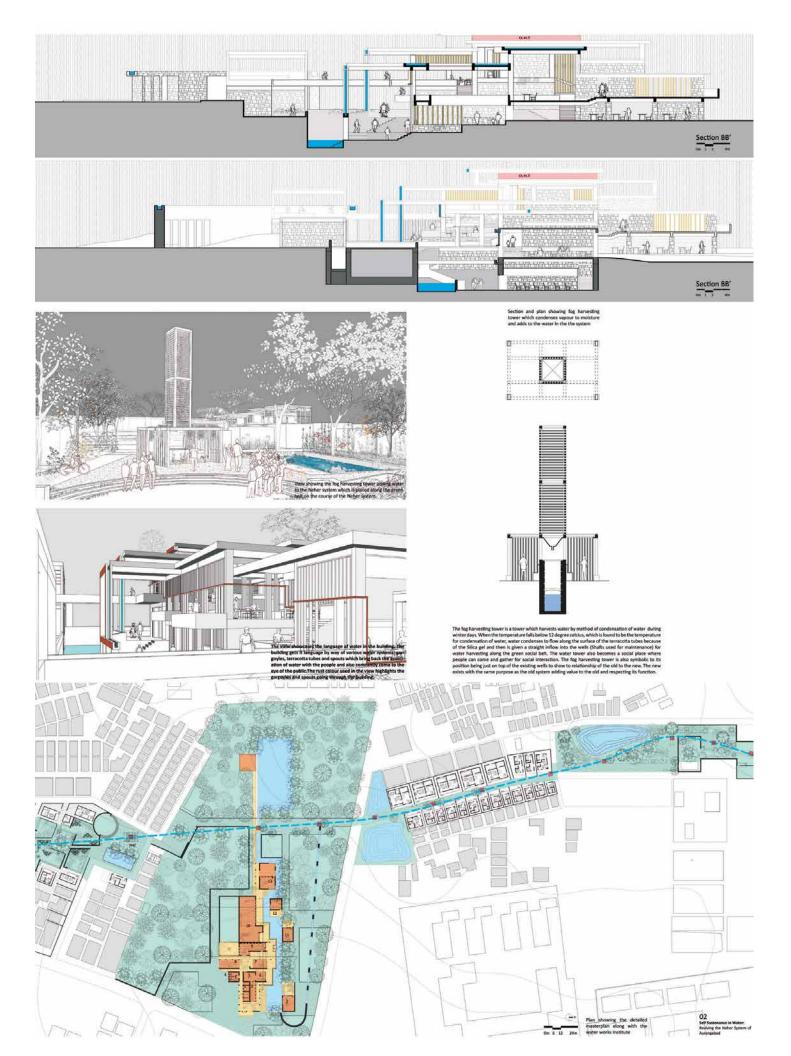
Contemporarizing a traditional water system by diverse meansreviving the process, conceptualizing and designing water structure with gargoyles, spouts, terracotta tubes and fog harvesting tower to bring back the association of water with people.

The Neher system of Aurangabad was designed and executed around five centuries ago. It provided water for more than three centuries. Due to the depleted water system along with several other factors, drought of the Marathwada region led to severe water crisis in Aurangabad.

The project is conceptualized to revive this indigenous system to make it part of everyday life. Neher-e-Ambari is chosen as the site for the master plan, envisioning a green belt and allowing for a series of active public spaces. The idea is to have a shallow water table level with retention ponds and greens along the system. The water works department, one of the programs along the system, uses locally available materials like basalt stone, concrete and terracotta tubes along the façade, forming the skin of the building. The water takes many forms in terms of harvesting, through roof, open gargoyles, spouts and water tanks at eye level. The water body brought out of the Neher through an aqueduct acts as a water museum to reveal the once hidden waters flowing through the underbelly of the city. It is then supplied to the communities by a common overhead tank under the supervision of the institutions. The institutes become nodal custodians for the supply of water along the system."

#### **JURY COMMENTS**

There is an attempt to understand the past wisdom through traditional water systems of indigenous settlements so as to arrive at possible ways of reviving, connecting and integrating them with the dense city fabric as part of the open space structure. The design captures the spirit of this lost knowledge while negating any form based solution.





## Sabz Burj Plaza

Mayukh Raha, Karishma Rai & Madhulika Sanyal

Integrating the historic structures in a heritage zone with each other, while creating a seamless multifunctional pedestrian zone, hence changing the overall character of the space from a traffic intersection to a pedestrian plaza.

The unusual medieval structure of Sabz Burj looms over lakh of people who either travel or had on an occasion traveled on the ever-crowded arterial Mathura Road where it gracefully protrudes in the middle of a traffic roundabout, surrounded by other significant historic landmarks such as the Humayun's Tomb, Chausath Khamba and Nizammudin Dargah and Basti. It's striking presence in a prime position forces passersby and tourists to admire the beauty. Despite all this, the beautiful tower has garnered much less popularity than it ideally should have. The aim of the interventions is to intertwine these historic threads in and around this traffic island to create an active public space, create a tourist magnet and a congregational space for the public. The coherence of the historically rich circle has been utilized to give a platform to various urban activities in the open plaza, resembling an amalgamation of Delhi's cultural fabric, by weaving the past, present and future of the city.

#### **JURY COMMENTS**

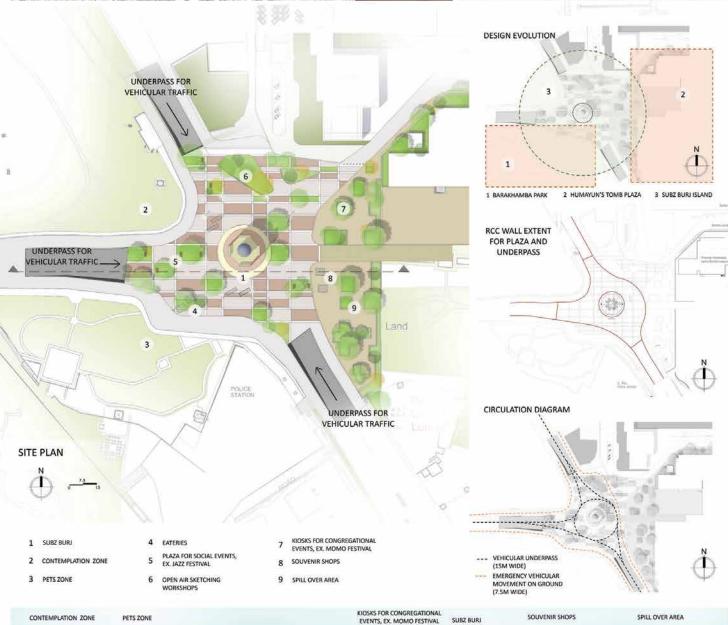
It adopts a bold idea of creating a harmonious blend of the heritage structure with the surrounding urban fabric, adopting a set of related principles and values. The idea would have been more impactful had it been translated in an equally strong design with elements on a smaller scale.



#### CONCEPT NOT

Although only historians, heritage-enthusiasts and conservationists are concerned about the existence and condition of the enchanting Sabz Burj traffic island, the unusual medieval structure looms over millions of people who either travel or had on an occasion traveled on the ever-crowded arterial Mathura Road where it gracefully portrudes in the middle of a traffic roundabout, surrounded by other significant historic landmarks such as the Humayun's tomb and Chausath Khamba it's striking presence in so public a space forcing passer-bys and eager tourists to grant it a second look and admire it with appreciation and amazement. Despite al this, the beautiful tower has miserably gamered much less

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# **Watershed** Management for Melukote

Chandana Keshava Murthy, Manu M & Vijetha C P

Various creative manifestations of nature conservation in the realm of culture define the character of a religious traditional town with sacred groves, forests, stepped tanks and water structures forming the site assets.

The sacred town of Melukote is an excellent example of traditional water **L** harvesting practices. The system that came into practice hundreds of years ago still exists and can be used as an example in the formulation of water conservation and management practices for today. Step wells have made significant contribution in enhancing the charm of the pilgrimage town. Among them the Panchakalyani is the most important teertha, and is a major center of attraction. Earlier the step wells served people for religious purpose and day to day water requirement. The proposal calls to design watershed management strategies for the town by reviving the existing step wells which have become defunct due to various factors, to restore the health of the lake and to provide environmentally positive buffer spaces in the public areas.

#### **JURY COMMENTS**

The idea is able to establish a process to deal with the issue on a micro level. However, its further progression to prove its relevance on the larger regional context in the surroundings remains unrealized.





### **Deulwadi An Urban Oasis**

Nidhi Kapri & Manoj Sharma

A minimalistic approach towards enhancing a sense of identity of a religious precinct, now engulfed in dense urban fabric by strategically siting cultural elements and creating linkages with adjoining public areas, streets and railway station.

century and half old Deulwadi temple complex in the suburb of Chembur A is laid out within a large paved compound. It has extended its boundaries to a socio-cultural precinct used by the neighborhood. Group of temples evolved slowly with time around it. It has become significant within the hub of the city of Mumbai, beyond its boundaries of community and religion yet maintaining its uniqueness to serve as a socio-cultural space in people's lives in the neighborhood of Chembur. The character and distinctiveness of the precinct makes it unique due to both ground hugging built forms and serene spaces within, though completely lacking in standing loud amongst the growing thick dense fabric of buildings in the surrounding. The design approach re accredits the feeling of serendipity which adapts a tangible link with the past and keeps the inherent experience of an oasis in urban area while allowing for change and innovation to meet present day and future requirements.

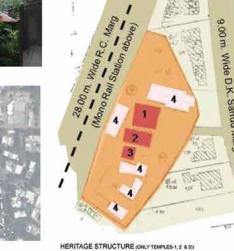
#### **IURY COMMENTS**

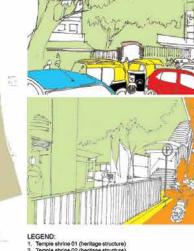
It is a good attempt to address one of the relevant and current issues that Indian cities face. It would have gained more value if its relationship with the surrounding context had also been explored.

Text of the winning entries by the respective teams





















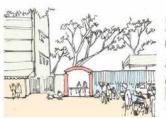


















outlook and the residents are strongly affiliated to the Bhulingeshwar temple present in Deulwadi. There are many









## **LIST OF PARTICIPANTS** 2017

ANSAL SCHOOL OF ARCHITECTURE, LUCKNOW

1. Building Up Cohesion within a Fragmented Precinct through a Multilayered Interface Saurabh Kumar Jaiswal

B M S COLLEGE OF ENGINEERING, BANGALORE

2. The Transition Realm Ashika V

BHANUBEN NANAVATI COLLEGE OF ARCHITECTURE (BNCA), PUNE

★ 3. Landscape for Reverence and Commemoration Priya Sharma

> CHITKARA SCHOOL OF PLANNING & ARCHITECTURE, RAJPURA

- 4. Aks-e-Virsat Dhruv Ahuja
- 5. Aasha Urban Asset Saksham Rai, Saanya Vij & Sannah Sharma

D Y PATIL COLLEGE OF ENGINEERING & TECHNOLOGY, KOLHAPUR

6. A Dramatic Path for Paradise.... Siddharth Sudharm Waze, Sagib Riyaz Mulla & Abhishek Anant Naik

DELHI TECHINICAL CAMPUS

- 7. Shah Sunehri Mosque Sakshi Gupta & Yashvi Chadha
- 8. Darohar-e-shaan (Bhuli Bhatyari ka Mahal) Garima Rani, Heena Lakhani & Preeti Gupta
- 9. Rangrez Ahmad Areeb, Sarabpreet Singh & Yuvraj Vohra

10. Pehchaan Nikhil Gupta, Kamal Bhatia & Ashish Kumar Ganesan

GOGTE INSTITUTE OF TECHNOLOGY, BELGAUM

(Reviving Banks Around Jal Mahal) Akshara Rajendra Mundada

JAMIA MILLIA ISLAMIA, NEW DELHI

- 12. Redesigning of Red Fort Front Lawn Ali Jawhar, Farida Husain & Mohtashim Ahmad Siddiqui
- 13. A Time Traveller's Tale Deepesh Sangtani, Aqib Javed Sabzwari & Sourabh Srivastava

Prize winning entries

KAMLA RAHEJA VIDHYANIDHI INSTITUTE FOR ARCHITECTURE, MUMBAI

14. Self Sustenance in Water: Reviving the Neher System of Aurangabad Justin Mathew Thomas

L S RAHEJA COLLEGE OF ARCHITECTURE, MUMBAI

15. Blurring the Boundaries... Noopur Sejpal & Uttara Nalawade

16. Mumbai Times Heart Paulomi Pravinkumar Kanakia & Sreya Thomas Vaidyan

17. Rewind / Unwind..... of Parvati Hills, Pune Tanvee Vijyay Joshi & Attula Viraj Meher

18. The Lonar Crater Lake Shivangi Vijay Heda

19. Slowdown... Enjoy the Journey... Not Destination Gayatry Narkar & Shraddha Palande

20. Explore without Exploring, Kanheri Caves Prajakta Gholap & Swati Desai

21. Deulwadi: An Urban Oasis Nidhi Kapri & Manoj Sharma

> LOKMANYA TILAK INSTITUTE OF ARCHITECTURE & DESIGN STUDIO, NAVI MUMBAI

22. The Revised Quire Grishma R Bhurke, Sayli G Naik & Mehul S Lodaya

M S RAMAIAH INSTITUTE OF TECHNOLOGY, BANGALORE

23. Recasting Malleshwaram Market Aishwarya Korkode, Divya Sara Jacob & Kamisetty Nihaarika

24. Reconnect: Bellandur Lake - Nature - People Arpita Sarkar, Ranjitha Govindaraj & Jyotsna Rao J

(\*) 25. Watershed Management for Melukote Chandana Keshava Murthy, Manu M & Vijetha C P

26. Refurbishing Bengaluru Majestic Railway Terminus Nivetha P Raj, Shirsat Surbhi Vishram & Shruthi J Hiremath

27. Redesigning the Bull Temple Road, Bangalore Jayashree J, Pavithra T & Sahana M S MBS SCHOOL OF PLANNING AND ARCHITECTURE, NEW DELHI

28. Let the Gold Past Enrich Our Future Shreya Rami & Palak Luthra

NMIMS - BALWANT SHETH SCHOOL OF ARCHITECTURE, MUMBAI

29. Nature, Culture and Architecture Anuj Ajay Modi

R V COLLEGE OF ARCHITECTURE, BANGALORE

30. Portals into Forgotten Knowledge Shiyani Vinod Kumar

31. Reincarnation of a Lost Sanctun Bhargavi Lalitha Murthy & Krishna D

SCHOOL OF PLANNING & ARCHITECTURE + JAMIA MILLIA ISLAMIA, NEW DELHI

🙀 32. Sabz Burj Plaza Mayukh Raha, Madhulika Sanyal & Karishma Rai

SCHOOL OF PLANNING & ARCHITECTURE, NEW DELHI

- 33. An Evolving Continuum Aafreen Fathima K.A, Bala Nagendran M & Sanyukta Sanjeev Joshi
- 34. Unveiling Kesariya Largest, Tallest **Excavated Stupa in the World** Manish Kumar & Sonika Sri

SIR J J COLLEGE OF ARCHITECTURE, MUMBAI

35. Revival of Spatial Heritage: The Forgotten Rahul Vijay Chemburkar & Siddhi Chandrasen Smruti Potdar

SRM UNIVERSITY, CHENNAI

36. Senses in Time Siddharth Jain, Shrimalya Srinivasan & Devi Priya Manivannan

TULSIRAMJI GAIKWAD PATIL COLLEGE OF ARCHITECTURE, NAGPUR

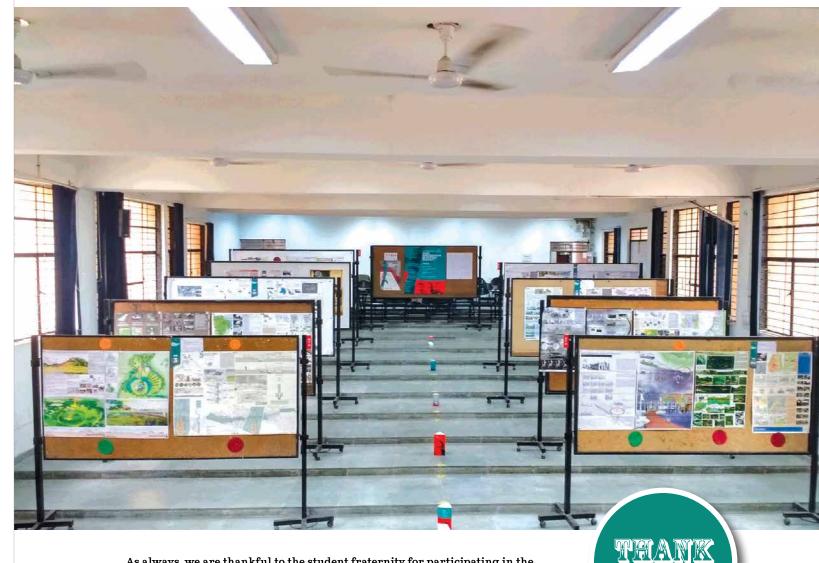
37. The Ruminate Reewena Shamuwel John, Pranali Neware & Mohammad Musheer Chaudhari

UNIVERSITY SCHOOL OF ARCHITECTURE & PLANNING, NEW DELHI 38. Adilabad - Amelioration

Vidit Taneja & Shivali Gupta

VIDHYAMANDIR COLLEGE OF ARCHITECTURE FOR WOMEN

39. Dutch Cemetery Rashmi Vijaykumar Kapadia & Devyangi Rajendrakumar Badshah



As always, we are thankful to the student fraternity for participating in the competition. We would also like to thank the following for their invaluable support in many ways.

JURY MEMBERS A G Krishna Menon Anjan Mitra Suneet Mohindru

FACULTY OF ARCHITECTURE & EKISTICS, JAMIA MILLIA ISLAMIA, NEW DELHI Dr Hina Zia, Dean Prof. S M Akhtar, Head of Department Ayla Khan, Assistant Professor Karan Sharma, S. Shree Darshni & Afreen Kamal, Students, IV Year

COORDINATION TEAM M Shah Alam Uttam Singh Negi Avdhesh Kumar

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