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**AMITY**  
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# AMI-SKYLINE

ANNUAL NEWSLETTER | JUNE 2022 • VOL. 3



*Back to Studio*



**AMITY SCHOOL**  
**OF ARCHITECTURE**  
**& PLANNING**



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## EDITORIAL TEAM

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Coordinator - M. Planning  
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Amity University Gurugram

**Ms. Meenu Babu**  
Assistant Professor  
Amity School of Architecture and Planning  
Amity University Gurugram

## STUDENTS ON EDITORIAL BOARD

- **Ms. Asmita**  
(M. Planning 2021-2023)
- **Ms. Sonia**  
(B. Arch. 2021-2026)

## AFFILIATIONS & RECOGNITIONS



## OUR GUIDING FORCE



**Dr. Ashok K Chauhan**  
Founder President  
Amity Education Group



**Dr. Aseem Chauhan**  
Chancellor  
Amity University Haryana



**Prof. (Dr.) P. B. Sharma**  
Vice Chancellor  
Amity University Haryana



**Maj. Gen. B. S. Suhag**  
(Retd.)  
Dy. Vice Chancellor  
Amity University Haryana



**Dr. Vikas Madhukar**  
Pro-Vice Chancellor  
Amity University Haryana

## MESSAGES



I appreciate the exemplary achievements of Amity School of Architecture and Planning, Amity University Haryana. I am glad that the school gave a commendable shape to the creativity and hard work of the students. This documentation will prove to be a further encouragement to them for setting different limits and attaining new heights.

**Sh. Subhash Yadav**  
Additional CEO, Urban Environment  
Gurugram Metropolitan Development Authority, Gurugram



My best wishes to Amity School of Architecture and Planning, Gurugram for presenting the third issue of the annual magazine – AMI-Skyline. Over the years, I perceive that the school enriches students not only academically but they rigorously groom young minds for the challenging Planning profession.

**Sh. Sudhir Singh Chauhan**  
Chairman  
Haryana Regional Chapter-ITPI, Panchkula



Many congratulations the periodical publication of your Newsletter 'AMI Skyline'. I appreciate the students work that I have seen, the efforts and contribution of the faculty is admirable. I am glad that Amity School of Architecture and Planning, Gurugram is committed to showcasing the students' proficiencies in the form of an annual newsletter.

**Prof. Rajat Ray**  
Dean, School of Architecture and Planning  
Guru Gobind Singh Indraprastha University, New Delhi



I am glad to pen for this wonderful newsletter of the Amity School of Architecture and Planning, Gurugram. The efforts taken to bring out such innovative content are appreciable. The work of the students is praiseworthy. Wish you all a grand success for AMI-Skyline 2022 and all sequential issues in the years to come.

**Mr. Shanesh Joshi**  
Deputy General Manager, Project Development Practice  
Tata Projects Limited

## DIRECTOR SPEAK



**Dr. Ila Gupta**  
Editor AMI-Skyline  
Director,  
Amity School of Architecture  
and Planning,  
Amity University Gurugram

'Back to the Studio' is the favourite phrase of all the students and educators of architecture and planning of Amity University Gurugram since campus opened for students in Feb 2022. We are extremely happy that after a long battle with covid pandemic the offline mode is back, and our studios are lively again. A studio is the most important space in architecture student's life. These are spaces where children grow into competent architects and planners. Students use the studios for drawing, drafting, discussing, presenting, exploring and for eating, sleeping, singing, dancing and playing. The educators are always happy to see all this happening in the studios. During the pandemic we had to shift to the online mode of education which wasn't an ideal one. The long face to face interactions, site visits, hand-on-workshops, lab work can never be replaced. The hybrid mode continued for one month during which the educators guided and encouraged the students to overcome their fears and grief and restart for a bright future. The offline mode was full of energy from students as well as faculty members. We conducted numerous site visits, field studies, hands-on-workshops, cultural nights and many events which were missed during the pandemic. This new dawn has brought new opportunities with it. I am happy to share that Amity School of Architecture and Planning Gurugram is now empanelled by the Ministry of Rural Development as mentor institute for Govt. of Arunachal Pradesh to support Shyama Prasad Mukherji Rurban Mission in preparation of spatial plans for 4 rurban clusters and to hand hold the state in these processes. All students and faculty members are excited to work on this prestigious project and contribute towards national development.

During this period, we also learnt the lessons of compassion and equity. The pandemic was affecting all of us equally, irrespective of our social and economic status. We connected with each other in these times of pain and sufferings and extended a helping hand whenever possible. In these happier times, I thank the management of Amity University for their constant support in our difficult times. The university's constant support was extended to all the employees and students in terms of various scholarships, fee concessions, counselling, leave support and many more. Amity group truly stood by its core values of building the nation and society by ensuring world class education on pillars of compassion and inclusion. This newsletter AMI Skyline III is a compilation of all our emotions during 2021-22 representing the happy ending of the pandemic and hope for a promising future.



## EDITORS' DESK



**Dr. Pallavi Sharma**  
Editor, AMI-Skyline  
Coordinator-Ph.D. and B.Arch.  
Amity School of Architecture  
and Planning, Gurugram

It gives me immense pleasure to present the third edition of the Newsletter AMI-Skyline. Due to covid, the last two years went like a desert for educational institutions as there were hardly any students present on the campus, the condition was similar to sporadically located trees in a desert. Any educational institution gets a vibrant atmosphere with the presence of its students. The past year has been a tornado of disruptions, adjustments, and difficulties. The pandemic abruptly ended the 2020–2021 academic year, forcing us to switch from on-campus instruction to online instruction. Our way of life on campus was profoundly changed by the pandemic outbreak. Some of the changes imposed upon us generated fresh and imaginative ideas that we did not previously explore. But despite everything, we persisted and overcame the difficulties. We are pleased with your fortitude. Walking through the University and seeing the hundreds of students adjusting to their new routine has been exciting for me. When I was walking across campus and stopped at the Juice Corner, it was amazing to see glimpses of our University reviving. Everyone I spoke with among the students thought their classes were off to a good start and was looking forward to the reopening. We all have persisted in the face of extreme hardship, rising to the various obstacles offered by the pandemic with amazing fortitude, grace and patience. Let us continue to draw strength from being a part of Amity's extraordinary environment as our odd semester progresses, and let us treat each other with love and respect while also taking into account what we are all going through even though we may be experiencing it differently.

Despite the COVID-19 scenario, we are committed to improving how we approach academic support, student services, and health, safety, and wellness resources. Together, we can continue to go past these challenging times tested, but stronger. I am happy that this issue is capturing the same vibrancy of the students on campus. This issue widely covers post-Covid events and activities held at Amity School of Architecture and Planning, Amity University Haryana. Besides it also covers the onsite field work and trips of our students after a long time. Thank you so much to all the students for bringing the varied colors back to the Amity School of Architecture and Planning which we could capture in AmiSkyline-2022. Sincere thanks to all other contributors and the readers.



**Ms. Kumud Dhanwantri**  
Editor, AMI-Skyline  
Coordinator-M.Planning  
Amity School of Architecture  
and Planning, Gurugram

AMI-Skyline is gradually growing and taking more ingenious shapes year by year to better serve our faithful readers. I am exhilarated in establishing the third volume of this. The annual newsletter documents the activities, thoughts, creativity, and achievements of our students as well as fellow faculties in the academic year of 2021-22. This period remained a bounce-back period for everyone after the aftermath of covid. Besides, students experienced online and then completely offline modes of studies when they returned to the campus in January 2022. Therefore, this edition is thoughtfully titled Back to Studio as it is concentrating on the revival of life/work after covid. I am heartily thankful to all the contributors for making this issue marvellous. The future progress of the next Ami-Skyline is open to your valuable suggestions.



**Ar. Meenu Babu**  
Editor, AMI-Skyline  
Assistant Professor  
Amity School of Architecture  
and Planning, Gurugram

Pandemics may come and go. All that matters is how we respond to it and learn from it. Changes are inevitable, especially during the onset and offset of a Pandemic. One must rediscover the limits of one's adaptability towards the current situation. As we are returning to the campus, back to actual normal after the Covid 19 outbreak, with renewed energy and enthusiasm; this year's AMI Skyline theme, 'Back to Studios' discusses the students' and faculty's views about these changes when everything is returning to normal. Through AMI Skyline we aim to inform, engage, and entertain a diverse group of readers including students, faculty, alumni, staff, and parents by providing a glimpse of the events and achievements by Amity School of Architecture & Planning students, faculty, and research scholars for the year 2022. Hope you enjoy reading it as much as we enjoyed building it.



## ACHIEVEMENTS



Amity School of Architecture and Planning, Gurugram is Mentoring to the Department of Rural Development, Govt. of Arunachal Pradesh for the preparation of Spatial Plan for Central Sponsor Scheme viz. Shyama Prasad Mukherji Rurban clusters of Arunachal Pradesh.

The Planning education at Amity School of Architecture & Planning, Gurugram got acknowledged for excellence when it's B Planning and M Planning (Urban and Rural) programmes got permanent recognition from Institute of Town Planners India (ITPI). ITPI works for a vision to promote dynamic, inclusive and integrated Town and Country planning practice, education, research and institutional mechanism in India. The recognition was provided after a thorough inspection and checking of infrastructure, academic excellence and best practices of the school.



**Dr. Ila Gupta**, Director, Amity School of Architecture & Planning, Gurugram got appointed as Principal Investigator for the project 'Spatial Planning for Rurban Clusters: Key Instrument for Regional Growth, Development and Effective Local Governance' under Shyamak Prasad Mukherjee Rurban Mission. The project is sponsored by Ministry of Rural development. The budget of the project is 92 Lakhs and the duration is two years. During the academic year she published two Scopus indexed research papers and two other papers in conference proceedings of Routledge publications.



**Dr. Pallavi Sharma**, Professor at Amity School of Architecture and Planning, was honoured as a Guest Speaker at UGC-Stride. She remained the Chief Speaker at Vigyan Mahotasav organised by Bundelkhand University, Jhansi. She chaired the Assessment Committee at the Department of Architecture in Aligarh Muslim University. In addition, she was invited to speak as an expert at the National Online Faculty Development Program on "Resilience in Architecture and Planning," which was jointly hosted by COA-TRC in Bhopal and the Department of Architecture at Aligarh Muslim University in Aligarh. She examined the work of Architecture students as an External Examiner at various universities such as Bundelkhand University in Jhansi, Amity University in Uttar Pradesh, and Amity University in Chhattisgarh. She was appointed as an adviser to the Advisory Board of the Centre for Construction and Architectural Excellence's for "International Architectural Excellence Competition" (CCAIE).



**Ms. Kumud Dhanwantri**, Assistant Professor, Amity School of Architecture and Planning attained her research paper published by Elsevier publications. Paper titled Appraisal of forest resources conservation in a tropical dry deciduous forest of Aravallis, India was published in Nov. 2021. Besides, she earned a degree of PG Diploma in Environmental Law and Policy, issued by the National Law University (NLU), New Delhi and the World Wide Fund (WWF) India.



**Mr. Siddharth P. Bettajewargi**, Assistant Professor, Amity School of Architecture and Planning got his artwork nominated for the national award in 62nd National Exhibition of Art 2020-21 organised by National Academy of Art, Ministry of Culture Government of India. Besides, his another sculpture was selected for an exhibition in All India Art Competition and Exhibition 2021-3rd organised by Tourism Department, Government of Telangana. Moreover, another bronze sculpture got recognition in 86th All India Exhibition of Arts 2021 in Amritsar.



**Dr. Shashi Mehta**, Assistant Professor, Amity School of Architecture and Planning Gurugram was awarded with her PhD degree from School of Planning and Architecture (SPA), Delhi. Her research work was on the Management of Natural Resources for Rural Poor: A Case of Gurugram district, Haryana.



**Ar. Geetika Verma**, Assistant Professor at Amity School of Architecture & Planning-Gurugram, is chosen for Dr. Sarvepalli Radhakrishnan Best Faculty & Researcher Award in 2022 in Architecture Design organized by IMRF Institute of Higher Education & Research. She will be receiving the award on 5th September 2022.



**Ar. Shraddha Manjrekar**, Ph.D. Research Scholar (2020-2024), Amity School of Architecture and Planning Gurugram was bestowed with "Best teacher Award for Technology" June 2021 by Maharashtra Association of Schools of Architecture.





**Mr. Ajay Sudharshan L.** (B.Planning, 2016-2020) became a successful entrepreneur by starting his company SALEM VENTURES - SLAM RESEARCH & DEVELOPMENT CONSULTANTS in Coimbatore, Tamil Nadu. He is working on different States' and National Government projects / programmes such as, i) Local Area Planning & Town Planning Scheme for Thiruvananthapuram, Kerala, under AMRUT Sub-Scheme, ii) Conduct of Capacity Building Programme to the Elected Representatives (Mayors, Chairman's, Councillors) of ULB's of Tamil Nadu, iii) Conduct of Training Programme to the ULB officials on Urban Planning, Green Cover, Climate Change and Construction & Demolition Waste Management under Climate Smart Cities Framework etc.



**Mr. Lokesh Thakran** (M. Planning, 2021-2023) secured three gold medals in 100 m., 200 m. and 400 m. race organised by GD Goenka University between 7th to 9th April 2022. He also participated in 81st All India Inter University Athletics Championship for Men organized by Mangalore University at Moodubidire, Karnataka. Besides, he represented Gurugram in 8th Haryana State Open Senior Athletics Championship organized by Athletics Haryana in 2021.



**Mr. Shubham Jumde** (B. Arch., 2013-2018) Alumni, Amity School of Architecture & Planning got admission in Parsons School of Design at The New School, New York. He has been admitted to the Master of Fine Arts degree in Industrial Design.



**Ms. Ritambhra Rawat** (B.Arch., 2015-2020) Alumni, Amity School of Architecture & Planning is working as a Set Designer for Dharma Productions - Film Industry in Mumbai. As a freelance consultant, she has also worked with production houses such as BBC and Dharmatics in various capacities.



**Ms. Nida Amin** (B. Planning, 2014-2018) Alumni, Amity School of Architecture & Planning received "SBI Youth for India Fellowship 2021-22". As a SBI youth fellow her work was enabling the poor to make their lives better and for their self-reliance. She is also working for Led by Foundation, which is a Harvard-incubated social enterprise. This is a professional leadership incubator for Indian Muslim women.

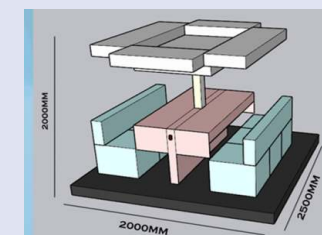
## RESEARCH AND INNOVATIONS

### RESEARCH AND INNOVATIONS

Amity School of Architecture and Planning (ASAP) Gurugram got recognized as institute of repute and got empanelled as mentor institute for Government of Arunachal Pradesh by the Ministry of Rural Development to support Shyama Prasad Mukherji Rurban Mission (SPMRM) in the preparation of spatial plans for 4 rurban clusters and to hand hold the State in these processes. Ministry of Rural Development, in collaboration with Ministry of Panchayati Raj (MoPR) and Bhaskaracharya Institute for Space Application and Geo-informatics (BISAG-N) - under Ministry of Electronics and Information Technology, has been making concerted efforts to put up a decision making national digital platform(National Shyama Prasad Mukherjee Spatial Planning Platform) to facilitate Geo-spatial planning for development of rural space, particularly, well planned Rurban Clusters/Gram Panchayats. Faculty members and students of ASAP Gurugram will be working on this prestigious sponsored project worth 92 Lakhs during 2022-2024.



### FOLDABLE FURNITURE Naveena K, Dr. Pallavi Sharma, Ar. Geetika Verma File No : 7029/2022-CO/A



The copyright is representing a foldable furniture inspired by a basic Rubix cube model. It serves as a good substitute for conventional furnishings. The versatility and space-saving qualities of foldable furniture improves the design and aesthetic of the available area. Space is a major constraint especially in metropolitan cities. Hence, houses/hotels/institutions facing space constrains may find the folding furniture as a wise utilitarian option.



## PUBLICATIONS

1. Kumar, P. L, Irshad, Q. and Gupta, I. (2022) 'Exploring Spatial Resilience for Urban Management Communities of Gurugram to Disaster Risks: A case of Ghata Village' International Research Symposium on Urban Villages 2022 (Paper presented, proceeding awaited)
2. Kakara, N., and Sharma, P. (2022), Study of Services in High-Rise Housing, *Pramana Research Journal*, 12(5), 35-47. [https://drive.google.com/file/d/1FQdCz1xJBzbZzdmvY0Q-InUTO2Gc1Cj\\_/view](https://drive.google.com/file/d/1FQdCz1xJBzbZzdmvY0Q-InUTO2Gc1Cj_/view)
3. Chawla A., and Gupta, I. (2021) Understanding Post Occupancy Modifications to Residential Building Designs: Case Study of Government MIG Housing In Delhi NCR International Conference on 'Future is Urban': Livability, Resilience & Resource Conservation, (ICFU 2021) 16th, 17th and 18th December, 2021 (Routledge Publication) proceeding awaited
4. Chandra M., Gupta, I. and Sethi, M. (2021) Post Occupancy Area Analysis of a Planned Urban Colony for Economic Affordability Parameters. A Case Study of Vaishali, International Conference on 'Future is Urban': Livability, Resilience & Resource Conservation, (ICFU 2021) 16th, 17th and 18th December, 2021 (Routledge Publication) proceeding awaited
5. Dhanwantri, K., Dhote, M., Yadav, K. K., & Rajendra, K. (2021). Appraisal of ecosystem services and forest resource conservation in a tropical dry deciduous forest of Aravallis, India. In *Modern Cartography Series* (Vol. 10). <https://doi.org/10.1016/B978-0-12-823895-0.00007-5>
6. Garg, R. and Sharma, P. (2021). Role of Teacher and Teaching - Learning Practices in Quality Achievement and its Sustenance in Higher Education Institution. *Vidyabharti International Interdisciplinary Research Journal*, 4685-4688. <http://viirj.org/specialissues/SP11/Part%2028.pdf>
7. Joshi, V. A., & Gupta, I. (2021). Assessing the impact of the COVID-19 pandemic on hospitality and tourism education in India and preparing for the new normal. *Worldwide Hospitality and Tourism Themes*, ahead-of-p(ahead-of-print). <https://doi.org/10.1108/WHATT-05-2021-0068>
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11. Kushwaha, D. and Gupta, I. (2022). Water Management Issues in Indian Cities: Case Study of Gwalior, Madhya Pradesh, India. *International Journal for Research in Applied Science and Engineering Technology*, 10(2), 52-55. <https://doi.org/10.22214/IJRASET.2022.40186>
12. Manjrekar, S. M., Sharma, P. & Keskar P. (2021), Built Environment of Indian Villages: A Case Study of Coastal Village of Maharashtra', International Conference on Architecture and Planning, 154-159. [https://www.researchgate.net/publication/356108444\\_Architecture\\_Planning\\_for\\_Villages](https://www.researchgate.net/publication/356108444_Architecture_Planning_for_Villages)

13. Verma, G. & Kakara, N. (2022). Slum- Social Infrastructure. # *Pramana Research Journal* an ISO : 7021-2008 Certified & Peer reviewed Journal, Volume 12, issue 4, Retrieved from <https://www.pramanaresearch.org/ARCHIVES/>
14. Yadav, K. K., & Dhanwantri, K. (1AD). Diversifying Urbanization in the Context of Sustainable Urban Development: A Case of Haryana Sub-Region, National Capital Region (Delhi), India. <https://Services.Igi-Global.Com/Resolvedoi/Resolve.aspx?Doi=10.4018/978-1-7998-4372-6.Ch015,291-309>. <https://doi.org/10.4018/978-1-7998-4372-6.CH015>

## EDITING ASSIGNMENTS

1. Dr. Pallavi Sharma (2022), "Impact of Industrial Development on City Planning and Habitat: A Case Study of Firozabad", "International Journal of Sustainable Building Technology" (Ed).
2. Dr. Pallavi Sharma (2022), "Effects of Climate on Building Elements: A Case Study of Federal University, Kebbi, Kebbi State", "International Journal of Rural and Regional Planning Development" (Ed).
3. Dr. Pallavi Sharma (2022), "Analysis of Key Factors affecting Labour Productivity in Building Rehabilitation Projects", "International Journal of Sustainable Building Technology" (Ed).
4. Dr. Pallavi Sharma (2021), "Inquisition on settlement pattern and house form of the tea worker's community in Sylhet region: A comparative study between Malinichara tea garden Sylhet & Varaura tea garden Sreemangal Inquisition on settlement pattern and house form of the tea worker's community in sylhet region: A comparative study between Malinichara tea garden Sylhet & Varaura tea garden Sreemangal", "International Journal of Rural and Regional Planning Development" (Ed).
5. Dr. Pallavi Sharma (2021), "Green Bye-laws: Bye-laws used by Development Authorities under the Green Scrutiny: A Comparative Study of a Typical Fabric in Delhi NCR with Case Study of Naya Bans, an Urban Village in Noida", "International Journal of Sustainable Building Technology" (Ed).
6. Dr. Pallavi Sharma (2021), "Sustainable Approach to Relief Housing for Cyclone Affected Households of Odisha", "International Journal of Housing and Human Settlement Planning" (Ed).
7. Dr. Pallavi Sharma (2021), "Green Bye-laws: Bye-laws used by Development Authorities Under the Green Scrutiny: A Comparative Study of a Typical Built Fabric in Delhi NCR with Case study of Naya Bans, an Urban Village in Noida", "International Journal of Sustainable Building Technology" (Ed).
8. Dr. Pallavi Sharma (2021), "Study of the Users Satisfaction with Natural Lighting and Ventilation in State Library Gombe, Nigeria", "International Journal of Rural and Regional Planning Development" (Ed).
9. Dr. Pallavi Sharma (2021), "An Appraisal on Stylistic Approach of ABU Zaria Senate Building", "International Journal of Sustainable Building Technology" (Ed).
10. Dr. Pallavi Sharma (2021), "Design and Analysis of Green Building on REVIT", International Journal of Housing and Human Settlement Planning (Ed).



## RESEARCH SCHOLARS



**Ms. MONA CHANDRA**

Practising Architect, Principal & Director at Archiden

**Previous Designation:** Professor & Principal at School of Architecture, PP Savani University, Surat, Gujarat

**Research Areas:** City Planning alternatives for inclusive socio-economic sustainability in urban India



**Mr. RAHIGUDE RAVINDRA VITTHAL**

Professor at SKNCOA, Pune, Maharashtra

**Previous Designation:** General Manager at Urban Planning Solitaire Developers, Pune

**Research Areas:** Circular Economy and Construction Resources



**Ms. AGRAWAL SMITA SHANKARLAL**

Assistant Professor, Amity School of Architecture & Planning, Amity University Chattisgarh

**Research Areas:** Integrated Urban Water Management



**Ms. SHRADDHA MAHORE MANJREKAR**

Associate Professor at S.M.E.F's Brick School of architecture.

**Previous Designation:** Environment Associate at Lunkad Realty Pune, Manager Architecture at Ecofirst, Mumbai, Research Associate at TERI Delhi

**Research Areas:** Sustainable Rural Development



**Ar. DILIP SINGH KUSHWAHA**

Assistant Professor  
Guru Gobind Singh Indraprastha University, Dwarka  
Previous Designation: Former Assistant Professor, Amity University Haryana

**Research Areas:** Integrated Urban Water Management



**Ms. ALPANA KAMBLE**

General Manager at Colliers International, Gurugram

**Previous Designation:** General Manager at Mace India Pvt. Ltd.

**Research Areas:** Multi-objective optimization framework for designing an office building



**Mr. ABHISHEK**

Full time Research Scholar at Amity University, Manesar

**Research Areas:** Rural Sustainable Development in Dist. Rohtang, Haryana, India



**Ms. AKSHITA NAGAR**

Assistant Professor at Gautam Budhha University

**Research Areas:** Sociocultural planning for rural community of Delhi NCR





**Ms. ETI AGARWAL**

Senior Architect at Archords Design, Dehradun

**Previous Designation:**

Landscape Architect at Wapcos Ltd.

**Research Areas:**

Revival of defunct Rispana River, Dehradun, Uttarakhand



**Mr. ANUPAMA CHAWLA**

Visiting Professor at Indira Gandhi Delhi Technical University for Women, Kashmere Gate, Delhi and own consultancy as chief architect

**Research Areas:**

Post Occupancy Evaluation and Analysis of MIG housing of Delhi



**Ms. POORVA PRIYADARSHINI**

Assistant Professor at K.R.Mangalam University, Gurgaon

**Previous Designation:** Urban Designer at Archohm Consultants, Noida

**Research Areas:** Impact of transportation cost on housing affordability



**Ms. M. VIJAYA KUMARI**

Associate Professor at BMS School of Architecture, Bangalore

**Previous Designation:** Assistant Professor at Gopalan School of Architecture & Planning, Whitefield, Bangalore

**Research Areas:** Resilience of informal sector and their spatial planning in urban areas

## EVENTS

### SOCIETY OUTREACH PROGRAM OR AWARENESS PROGRAM; WOMEN'S DAY ANGANWADI VISIT

8 March 2022

As part of its society outreach programme, Amity School of Architecture & Planning celebrated International Women's Day alongside the women and kids of Panchgaon Anganwadi. Ar. Meghna Vij gave the women a brief presentation on the significance and advantages of solid waste management in the context of a sustainable tomorrow. Gender equality was the topic of a talk by Ms. Harneet Kaur. To raise awareness about sustainability and reducing the usage of polythene bags, a workshop on creating paper bags from newspaper was conducted.

The ASAP faculty met with the village's women and children, offering solutions to their day-to-day difficulties. They recommended Ms. Neelam and Ms. Meenakshi, two ASHA employees, to run future programmes for the women and kids of Panchgaon.



### HANDS-ON BRICK WORKSHOP ON 'SUSTAINABLE BUILDING PRACTICES' FOR INTERNATIONAL EARTH DAY CELEBRATION

22 June 2022

Amity School of Architecture and Planning, Haryana organized a building material and construction workshop on International Earth Day 2022. The purpose of the workshop was to develop a general understanding of basic building techniques amongst the students to bridge the gap between classroom learning and practical knowledge. The students worked with bricks in three groups. The students designed and constructed benches using rat trap bond and cavity wall, and a 4.5 ft high jaali wall under the guidance of faculty mentors.





**SKILL ENHANCEMENT WORKSHOP ON INFOGRAPHICS- A NEW WAY OF STORY TELLING FOR BUILT ENVIRONMENT**  
17 to 23 May 2022

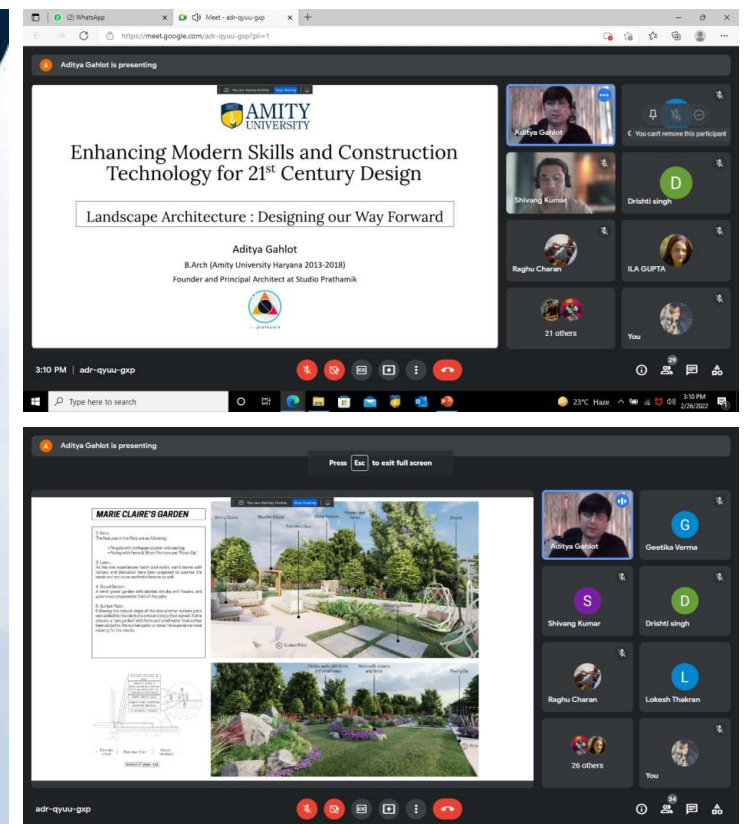
A one-week workshop was organized by Amity School of Architecture and Planning and Amity Skills Institute with Amity School of Communication as knowledge partners for faculty and students of ASAP. The workshop imparted training on various digital platforms which are useful for creating interesting and innovative infographics. The workshop was conducted in offline mode and the required software available at computer lab of Amity School of Architecture and Planning, Gurugram. The workshop was taken by Mr. Ubair Showkat, an experienced VFX artist with a demonstrated history of working in the Graphic Design industry, Skilled in Nuke, Maya ,DaVinci, and Adobe Premiere, Illustrator, Strong arts. He is a design professional with a Master of animation and VFX focused on Animation, Interactive Technology, Video Graphics and Special Effects from Jamia Millia Islamia.



**PANEL DISCUSSION ON 'ENHANCING MODERN SKILLS FOR 21st CENTURY BUILDING DESIGNS'**

26 Feb 2022

Amity School of Architecture & Planning, Haryana, organized an alumni meet on February 26, 2022, on the topic 'Enhancing Modern Skills for 21st century Building Designs'. The Idea behind the meet was to foster positive interactions between our alumni, those who are working in field and our current students, as learning from their senior's experiences develop new levels of confidence and motivation. The panel comprised of three very successful alumni of ASAP department, Ar. Raghu Charan, a sustainable vernacular designer, Ar. Aditya Gehlot, who is currently a landscape designer and Mr. Ajay Sudarshan, a B.Plan alumnus who founded his own firm after graduation. His venture provided employment to many other alumni of our institution. The panel discussion was a learning experience of new techniques, ideas and technologies in architecture.







## BUILDING URBAN RESILIENCE THROUGH ADVANCED TECHNOLOGY

10– 14 January 2022

Building Urban Resilience Through Advanced Technology, an online training program was hosted by Amity Mega Center for Natural and Man-Made Calamities (AMCNAMC), one of the critical Research Clusters of Amity University. Dr. Ila Gupta, Director of Amity School of Architecture and Planning, Haryana coordinated the event. The training program focussed on understanding major disaster risks in urban setting of Indian Context and the need for the integration and application of advanced technologies like drones, robotics, sensors, GIS, Virtual reality, digital twins, AI and Machine Learning used for building urban resilience and to develop network among participants for active role in near future for capacity building of urban resilience.

## CLIMATOLOGY WORKSHOP

12 May 2022

A climatology workshop was conducted by Ar. Meenu Babu for second year B. Arch students at Amity School of Architecture & Planning on 12th May 2022. The workshop was held as a component of the climatology course and was designed to familiarize the students with equipment and instruments that are used in the climatology field.



## URBAN RENEWAL AND CONSERVATION WORKSHOP

1-3 July 2021

Amity School of Architecture & Planning offered a three-day online workshop on urban renewal and conservation from July 1–3, 2021. Ar. Abhishek Jain, an urban regeneration specialist located in Delhi, gave a professional lecture during this workshop, and there were also student activity sessions. The workshop's objective was to familiarise students with the qualities of good urban design, which include creating safe green networks that connect public and private open space and giving walking, bicycling, and public transportation high emphasis. It also focussed on the incorporation of urban heritage into the planning process.



## INNOVATION WEEK WORKSHOP

20 - 24 September 2021

Amity School of Architecture & Planning organized a four-day Hybrid workshop as a part of Innovation week from 20th to 24th September 2021. The objective of the workshop was to motivate students and faculty members for innovative ideas. The workshop was conducted by Architect Ms. Sweety Shanker and Mr. Manoj Singh. Ar. Sweety Singh worked as an independent architect and Professor in various Universities. Mr Manoj Singh is a professional artist having his expertise in Sculpture Making. The workshop included guest lectures, design explorations through modelling & art, factory visit and an innovation design competition.





**AMITY UNIVERSITY GURUGRAM**  
**AMITY SCHOOL OF Architecture & Planning**  
**INNOVATIVE WEEK**

Platform : Microsoft Teams  
 Eligibility : Amity Students

Sr#	Date	Activity	Timing
1	20/9/2021	WORKSHOP- Design Explorations through Modelling	11:00AM-4:00PM
2	21/9/2021	WORKSHOP- Design Explorations through Art	11:00AM-4:00PM
3	22/9/2021	INDUSTRY CONNECT- Visit to Modular Furniture Factory in Manesar	11:00AM-4:00PM
4	23/9/2021	GUEST LECTURE - Innovation in Architecture by Ar. Sweets Shankar	11:00AM-4:00PM
5	24/9/2021	JURY AND PRIZE DISTRIBUTION Intro-wards: Towards Innovation Competition	11:00AM-4:00PM

<https://teams.microsoft.com/join/9933aca0b6729b6644b5a0248b9d5f0222b640?thread=2021conversations?groupid=6a5e7107-8792-49d7-8b8d-ee3d604a933b&tenantid=8d40e07b-d993-41ed-a57b-8692cde13bf8>



## INCLUSIVE GROWTH AND PUBLIC PARTICIPATION IN PLANNING WORKSHOP

25-30 November 2021

Amity School of Architecture and Planning, Amity University Gurugram in collaboration with the Institute of Town Planners India (Haryana Regional Chapter) organized a workshop on world town planning day 2021 on the topic 'Inclusive Growth and Public Participation in Planning' to recognize and promote the role of planning in creating liveable communities. Planning is a very important profession for the future as cities are getting more complex with rapid urbanization. The objective of the event was to understand the importance and process of community participation for the sustainable development. The speakers included Ar. Aruna Bhardwaj, Prof. Krishan Kumar Yadav and Ms. Ronnie Fang. Ar. Aruna Bhardwaj is an Associate Professor at Sushant University, Gurugram, co-founder of Vertex Designs and Associate Partner at Vertex Inc. Prof. Krishan Kumar Yadav is a former Chief Town Planner, Haryana, recipient of 'Bharat Jyoti Award' and a Fellow member of the Institute of Town Planners of India, New Delhi. Ronnie Fang is a first-year master's student at Columbia University under the Master of Science of Sustainability Management program.

## EXPERT TALK ON EXPLORING BUILDING AND CITIES THROUGH FILMS

9 November 2021

A guest lecture was organized by ASAP on 9th November 2021 in online mode as a part of Orientation program. The main purpose of the event was to motivate students and faculty to expand and explore the interdisciplinary subjects outside the core subjects. The program provided an interactive online platform to the newly joined B. Plan and B. Arch. students for sharing their viewpoint on the topic film. The guest lecturer Radha Dayal is an architect and film researcher who is currently working as an Associate Professor at School of Art & Architecture, Sushant University. She was also a part of the education team at INTACH, Delhi where she trained teachers across the country to include and teach heritage through the school curriculum, developed teaching resources and conducted several projects for school children across Delhi including a radio program on heritage.

**AMITY UNIVERSITY GURUGRAM**  
**WORLD TOWN PLANNING DAY 2021**  
 In collaboration with  
**Institute of Town Planners India (Haryana Regional Chapter)**

One week online workshop on  
**Inclusive Growth and Public Participation in Planning**  
 25-30th November 2021  
 (10:00 AM to 4:45 PM)

**Inminent speakers for the inaugural session:**

- Dr. Padmakshi Banerjee, Pro Vice-Chancellor, Amity University Gurugram
- Sh. Sanjay Kumar, District Town Planner (Planning), Gurugram, Department of Town & Country Planning Haryana
- Sh. S. S. Chaudhan, Chairperson, Haryana Regional Chapter, Institute of Town Planners India

**Moderator:** Dr. R. Gupta, Head, Amity School of Architecture and Planning, Amity University Gurugram

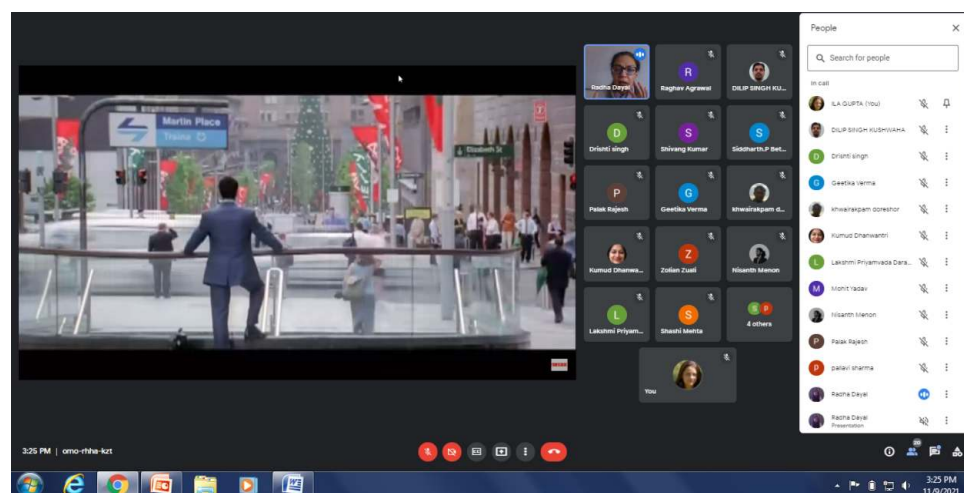
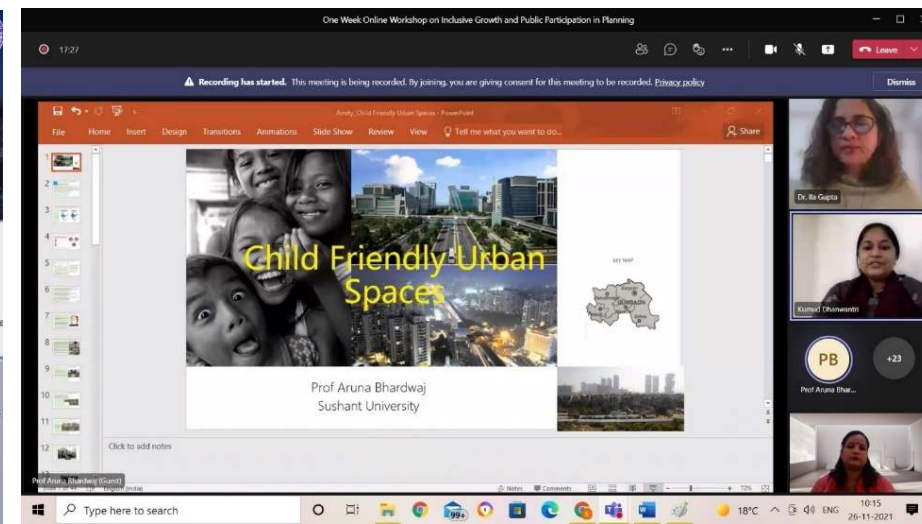
**Co-moderators:** Ms. Kumud Dhanwanti, Amity School of Architecture and Planning, Amity University Gurugram; Dr. Shashi Mehta, Amity School of Architecture and Planning, Amity University Gurugram

**Invited by distinguished speakers for the workshop:**

- Sh. K.K. Yadav, Former Chief Town Planner, Haryana, Sustainability and Environment Expert
- Dr. Ajith Kishore, Urban Chair Professor, Kerala Institute of Local Administration, Kerala
- Dr. R. Gupta, Head, Amity School of Architecture and Planning, Gurugram (Gender Inclusive Planning)
- Dr. Aruna Bhardwaj, Associate Professor, Sushant University, Gurgaon, Haryana
- Dr. Aruna Chandra, Practising Architect and Researcher, Planning for Informal Settlements in India
- Dr. Shashi Mehta, Amity School of Architecture and Planning, Gurugram (Inclusive Development)
- Ms. Ronni Fang, Amity School of Architecture and Planning, Gurugram (Techniques for Public Participation in Planning)
- Ms. Ronnie Fang & Team from Columbia University, New York (Master's in Sustainability Management) Community Participation for Sustainable Planning Solutions in a Modern Environment

**Registration link for the inaugural session on 25th Nov 10:00 AM to 11:00 AM (2000-2000):** <https://amityuniversity.edu/2021/11/25/10-00-11-00-2000-2000>

**Joining link for the workshop (4th Nov):** <https://amityuniversity.edu/2021/11/25/10-00-11-00-2000-2000>



**AMITY SCHOOL OF ARCHITECTURE AND PLANNING, HARYANA**  
**AMITY UNIVERSITY HARYANA**

**WELCOME TO ORIENTATION PROGRAM 2021**  
 9 NOVEMBER, 2021

SESSION TIME	SESSION TOPIC	FACILITATOR
10:00 AM - 10:05 AM	VIRTUAL TOUR OF ASH	PROF. DR. VEENA MADHUKAR, DEPUTY PRO VICE CHANCELLOR
10:05 AM - 10:10 AM	WELCOMING ADDRESS	DR. RUPESH JARDHANA, DEPUTY PRO VICE CHANCELLOR
10:10 AM - 10:15 AM	WELCOMING ADDRESS BY ASH DIRECTOR	PROF. DR. PADMAKSHI BANERJEE, PRO VICE CHANCELLOR
10:15 AM - 10:20 AM	WELCOMING ADDRESS BY PRO VICE CHANCELLOR	DR. RUPESH JARDHANA, DEPUTY PRO VICE CHANCELLOR
10:20 AM - 10:25 AM	VICE CHANCELLOR'S ADDRESS	PROF. DR. P. S. SHARMA
10:25 AM - 10:30 AM	VOTE OF THANKS	DR. R. GUPTA, DEPUTY PRO VICE CHANCELLOR
10:30 AM - 10:35 AM	WORKSHOP ON INTRODUCTION TO ARCHITECTURE AND PLANNING	DR. ANIL KUMAR, DEPUTY PRO VICE CHANCELLOR
11:30 AM - 12:00 PM	ABOUT ASH AND FACILITY INTRODUCTION	DR. R. GUPTA, DEPUTY PRO VICE CHANCELLOR
12:00 PM - 12:30 PM	COURSE CURRICULUM, SAS, VESTIBULAR AND	DR. PALLAVI SHARMA, PROFESSOR, ASH
12:30 PM - 13:00 PM	EXAMINATION RULES AND REGULATIONS	DR. RAJESH AGRAWAL, ASST. PROFESSOR, ASH
13:00 PM - 14:00 PM	LUNCH BREAK	
14:00 PM - 14:45 PM	EXPERT TALK ON EXPLORING BUILDING AND CITIES THROUGH FILMS	DR. RADHA DAYAL, PROFESSOR

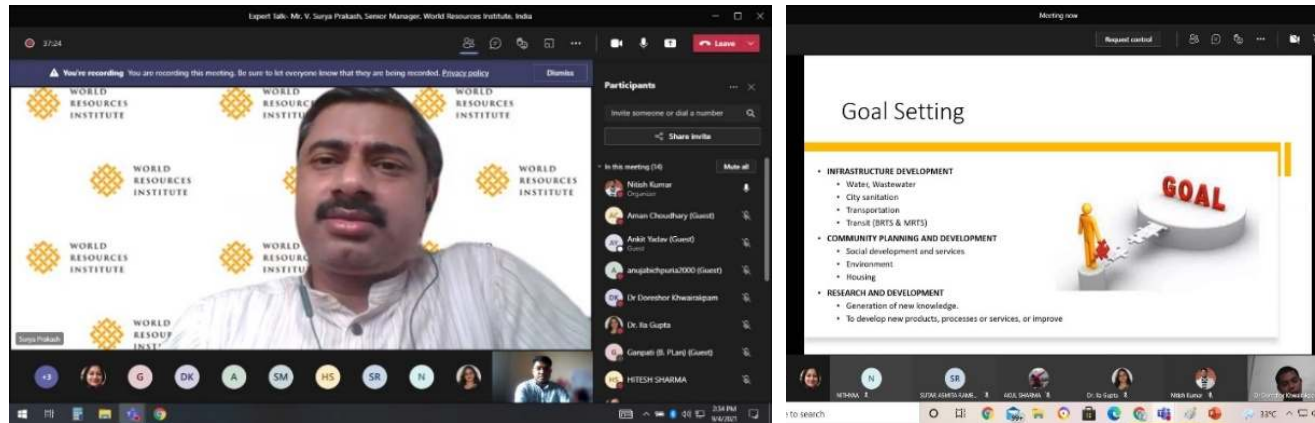
SCAN TO CONNECT

## URBANISATION AND ITS IMPACT ON INFRASTRUCTURE AND SOME SOLUTIONS | ORIENTATION PROGRAMME 2021

2-4 September 2021

The Amity School of Architecture and Planning conducted an orientation programme on September 2–4, 2021. Various events, including an icebreaker, a goal-setting exercise, alumni engagement, and an expert discussion, were held under this programme for the new M. Plan students. Mr. V. Surya Prakash, Senior Manager, World Resources Institute gave an expert talk about urbanisation and its impact on infrastructure, the solutions and interventions required by the city in the context of Bengaluru city.





## A VISIT TO AGRASEN HOSPITAL, DWARKA, NEW DELHI

28th Feb 2022

The third year B.Arch students visited Maharaja Agrasen Hospital, Dwarka, Delhi on 28th Feb 2022 under the guidance of Ar. Meghna Vij, Assistant Professor, Amity School of Architecture & Planning, as a part of their 6th semester design problem. The students analysed and documented the functioning and design of the hospital.



## FIELD VISITS

### A VISIT TO PALWAL CITY

25th March 2022

On March 25, 2022, a 5-day field trip to Palwal City was organised under the guidance of the Studio Coordinators, Ms. Harneet Kaur and Dr. Doreshor Khwairakpam, based on the Planning studio exercise of the IInd semester Urban Planning - City Development Plan. The excursion had the goal of enhancing the students' in-class understanding of the study region, the city of Palwal. Through a dialogue involving the public, they were aware of a variety of municipal development-related challenges.



### URBAN DESIGN SURVEY

8th Feb 2022

The fourth year B.Arch students did a survey in Panchgaon area under the guidance of Dr. Ila Gupta & Ar. Geetika Verma, faculty at Amity School of Architecture & Planning, as a part of their urban design studio. Prof. Rajat Ray, Ex-Dean of Guru Gobind Singh Indraprastha University appreciated the students' effort during the Urban Design jury.

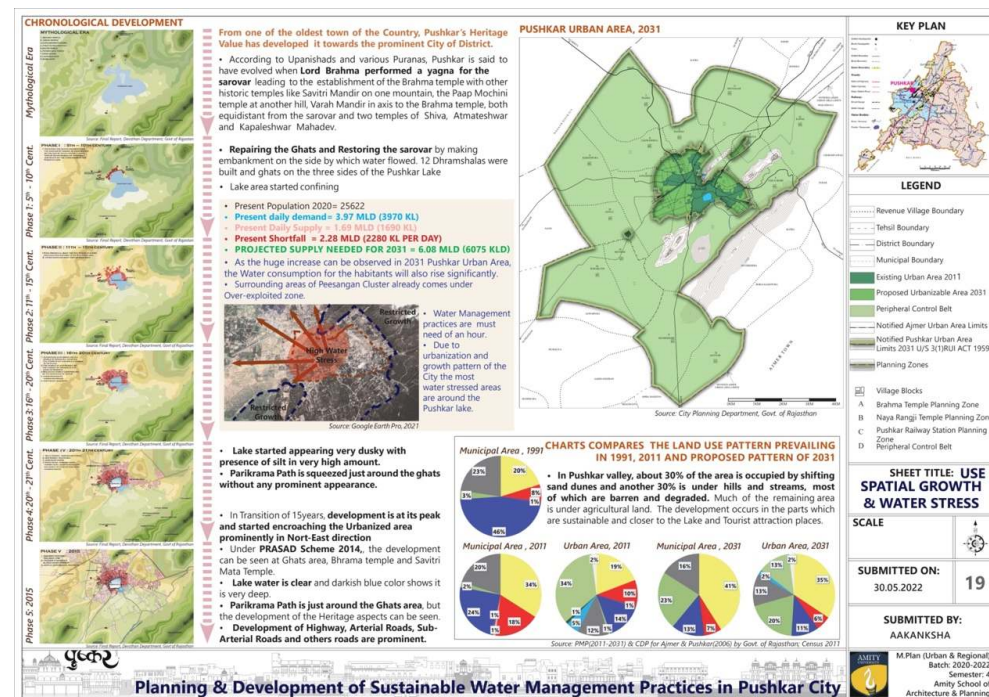
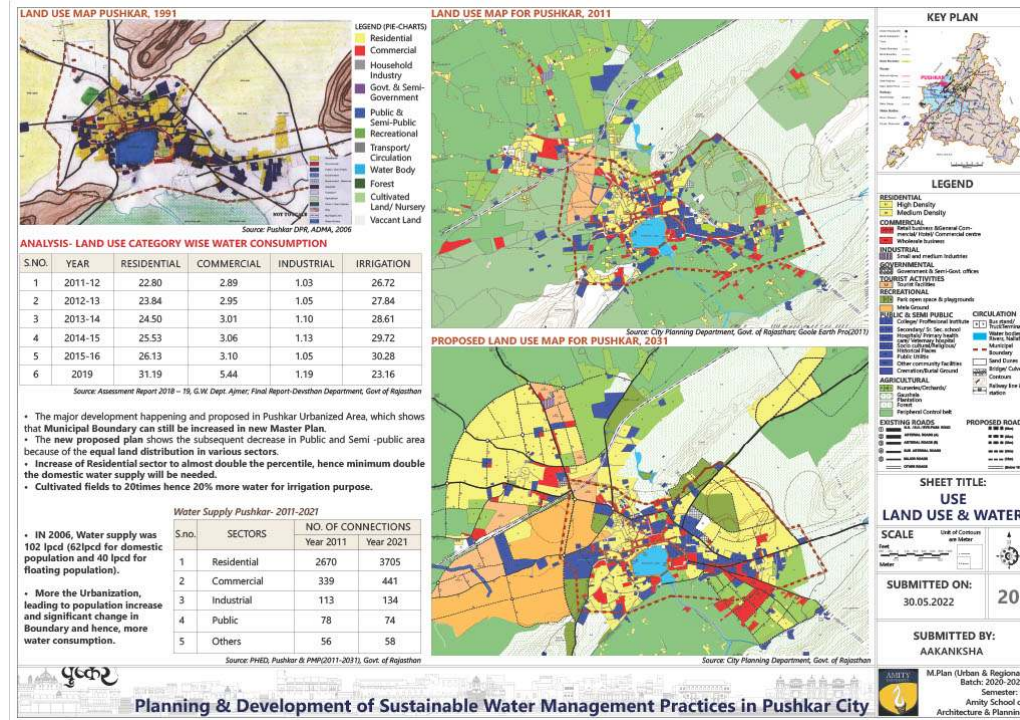




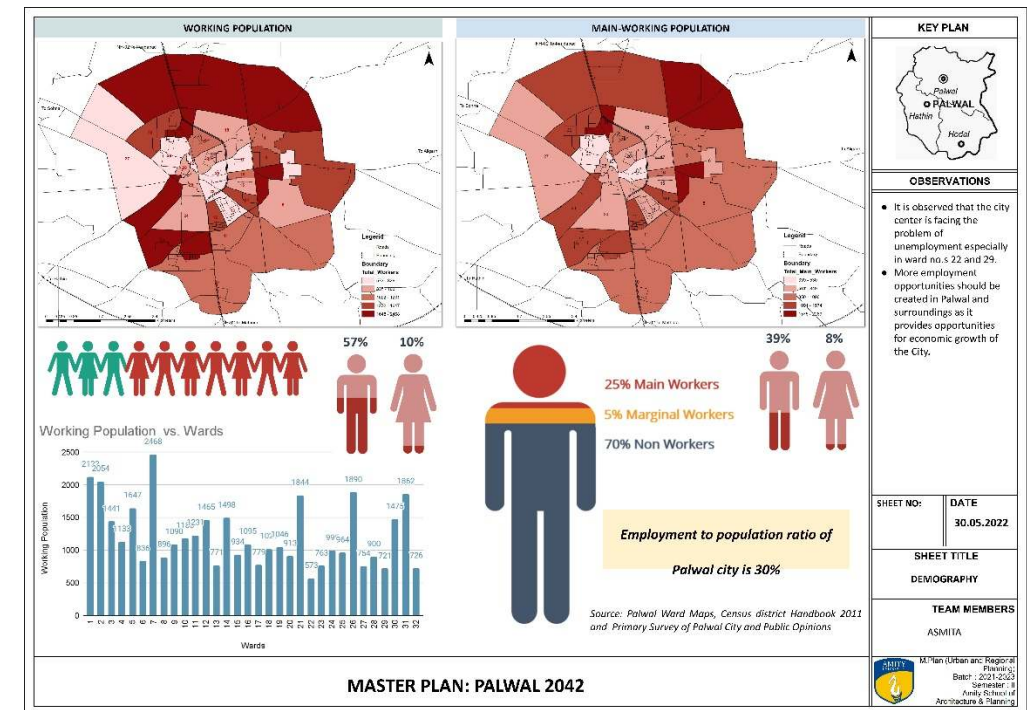
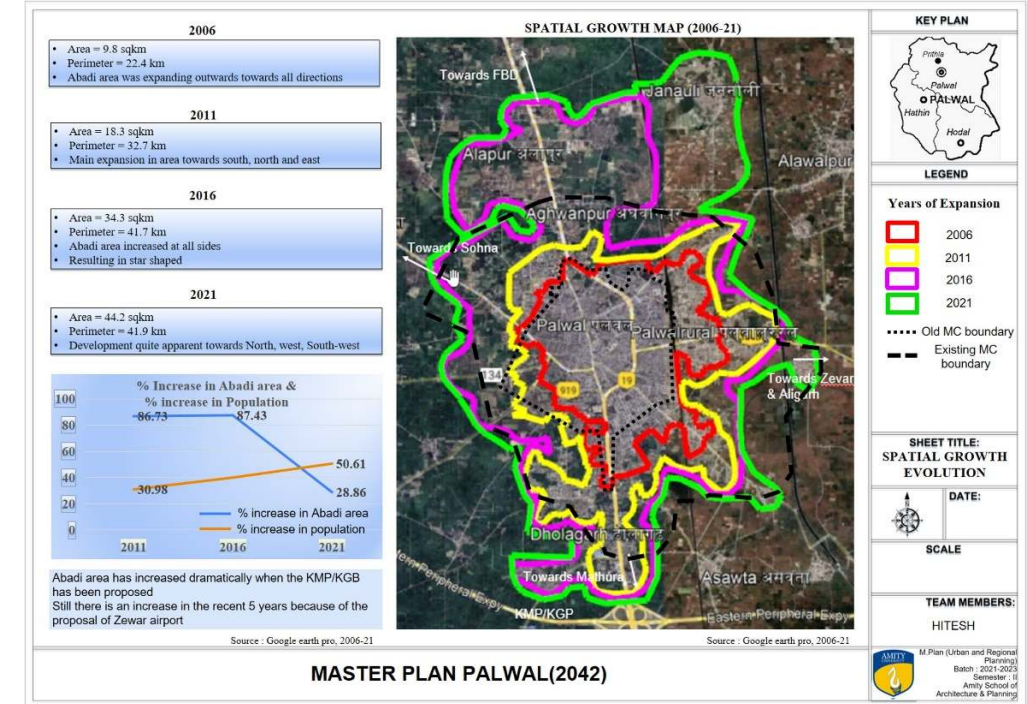


## STUDENTS' WORK

THESIS: **Ms. AAKANSHA GOSWAMI** (M. Planning 2020-2022)



URBAN DEVELOPMENT PLAN - MASTER PLAN PALWAL (2042): M. Planning Studio (2021-2023)







## TRAUMA CENTRE: Mr. NISANTH ANIL MENON (B.Arch. 2019-2024)

**CONCEPT /ZONING**

OPD, IN-PATIENT, OT, ICU, RADIOLOGY, LAB, PHARMACY, RECEPTION, WAITING AREA, STAFF ROOM, STORAGE, ENTRY, EXIT, SECURITY POST, AMBULANCE, PUBLIC PARKING, 4 WHEELERS, 2 WHEELERS, EMERGENCY ENTRANCE, MAIN ENTRANCE, DISSEMINATION ENTRY, VIP HEAD PARKING, STAFF PARKING, BASEMENT EXIT, SECURITY POST, AMBULANCE, PUBLIC PARKING, 4 WHEELERS, 2 WHEELERS, EMERGENCY ENTRANCE, MAIN ENTRANCE, DISSEMINATION ENTRY, VIP HEAD PARKING, STAFF PARKING, BASEMENT EXIT

AD VI - TRAUMA CENTRE    CONCEPT    SCALE    NISANTH ANIL MENON B.Arch 6TH SEM A51204019001    SHEET NO.

## URBAN DESIGN: Ms. PRIYAMVADA (B.Arch. 2018-2023)

**PROPOSALS OF DOWNTOWN**

**CONCEPT DEVELOPMENT**

- Determined the old market area as the main study area.
- Rate the status of the region and link it with the prominent natural, archaeological and heritage areas in the area.
- The basic lines of organization of the area grid: the route of the gold river that separates the city from the east and the west, the north bridge connects the urban area to the historical district.
- Setting the area grid to the define the path of the nostalgia bridge.
- The path of the nostalgia bridge that starts with the ancient souk and ends at the ancient souk, passing through the important area in the region.
- An expansion of the bridge path includes the largest connected area, allowing visitors to navigate the area for a unique experience.

**ZONING OF THE SITE**

**THE HASHEMITE SQUARE**  
A square overlooking the valley of god and includes the roman baths and some ancient monuments, in which there is the hashemite mosque, the visitor can reach this square through the bridge that connects the ancient and modern city. So, the yard needed maintenance, organization and especially maintenance of electrical work on the site and lighting.

**THE OLD MARKET**  
The heritage buildings built years ago are exposed to collapse and tampering, while other buildings are subjected to final removal due to lack of maintenance. So, the whole market was restored and reused as tourist areas as those places are no less than Jerash's cities monuments.

**GOLDEN RIVER**  
Redesigned the valley and turned it into a public park to serve the tourists.

**KING ABDULLAH II STREET**  
A one way street, 10 m wide for cars and people, suffers from a severe traffic jam and the irregular pedestrians in the lanes designated for them as a result of its inefficiency.

**URBAN DESIGN CASE STUDY**  
SUBMITTED BY D.L.PRIYAMVADA, B.Arch, 8<sup>TH</sup> SEM

**AREA STATEMENT (ACHIEVED)**

SITE AREA	- 3.2 ACRES
F.A.R	- 42%
ACHIEVED HEIGHT	- 14.5m
GROUND COVERAGE	- 18.8%
SETBACK	- 5m
PARKING	- 75-90

AD VI - TRAUMA CENTRE    SITE PLAN    SCALE 1:350    NISANTH ANIL MENON B.Arch 6TH SEM A51204019001    SHEET NO.

**THE CENTRUM CLUBHOUSE, DOMBIVLI MUMBAI**

**SPACES & IT'S CHARACTERISTICS**

- PASSAGES:** Wide passages, Connectivity, Intermediate spaces, Semi-open, Efficient natural lighting.
- COURTYARDS:** Unobstructed, Open-to-sky, Planchered Degradative square windows, Bold exterior facades.
- CAFETERIA:** Dramatic light and shadows, Abstract seating, Contrast colors and patterns, Raw materials.
- ENTRANCES WITHIN:** Change for shade, Multiple Entrances, Semi open Hallways, Material palette steadily transitioning.
- WATER COCKE:** Physical connectivity with the outside, Glass facade, Linear alignment, Connected to courtyard.
- CHILDREN PLAY AREA:** Connected to courtyard.
- RESTAURANT AND CAFE:** Connected to courtyard.
- AUTITORIUM:** Connected to courtyard.
- GAME ROOM:** Connected to courtyard.
- PARTY HALL:** Connected to courtyard.
- POOL:** Connected to courtyard.
- GYM:** Connected to courtyard.
- CLUBHOUSE:** Connected to courtyard.
- ENTRANCE:** Connected to courtyard.

**CONCEPT - WADA**

**VERNACULAR STYLE OF MAHARSHTRA**

The region celebrated the vernacular wada style, and it resonated well with client's brief to leverage natural cooling methods to maximize non air conditioned areas.

The Centrum Club's planning is inspired from traditional "wada" houses of Maharashtra where groups of rooms are arranged around one or many courtyards.

Dynamic volumes in moving circulate the built and unbuild spaces while keeping the courtyard shaded.

With chambers arranged like petals around central courtyard, the native Wada vernacular style of Maharashtra was adopted.

**DIALOGUES OF SUNLIGHT AND SHADOWS**

**INDOOR AND OUTDOOR INTERPLAYS**

**MATERIALS USED**

- grey wash cement flooring
- weathered steel facades
- stonecrete exteriors
- concrete finish readings
- veritrified finishes

**MATERIAL MOVEMENTS**

A steady transition propelled by consistent, complementary materials furthers the intent of cohesiveness.

**INFERENCES**

- The courtyard concept helps in active- passive cooling of the buildings.
- The water court helps in natural ventilation of the open, semi open hallways.
- used sustainable materials
- light and shadow interplay

**CLUBHOUSE CASE STUDY**  
SUBMITTED BY B.Arch, 8<sup>TH</sup> SEM





## URBAN DESIGN: Ms. NAVEENA GANESH (B.Arch. 2018-2023)

**URBAN DESIGN**

**PROPOSED LAND USE**

**LEGEND**

- PUBLIC & SEMI PUBLIC SPACES
- COMMERCIAL, TRADE & BUSINESS
- COMMERCIAL, CORPORATE & OFFICE
- TRANSPORT SPACES
- RESIDENTIAL LOCALITY
- PARKS, GROUNDS & OPEN SPACES

THE TRANSPORT ZONE OCCUPIES 34.7% OF THE LAND AREA AND IS LOCATED ON THE WESTERN SIDE OF THE PLANNING DISTRICT SERVING AS THE CITY'S FOCAL TRANSIT ZONE AND A MAJOR TRANSIT INTERCHANGE HUB. THIS PLACE WILL BECOME MORE OF A FOCUS POINT ONCE THE DEVELOPMENT OF THE METRO RAIL SYSTEM IS SUBSTANTIAL. DESIGNATED THE AREA CONSISTING OF THE SLUMS AS AN AREA OF IMPROVEMENT PERIMETER. MAINTAIN THE EXISTING OPEN SPACES IN THE PLANNING DISTRICT AND PROVIDE THE PUBLIC PARKING WITHIN THE SUPPORTING SERVICE ZONE. PROMOTE THE SERVICE ZONE WITH URBAN RENEWAL WITH HIGHER URBAN DEVELOPMENT RIGHTS BY DESIGNATING THE UB-CENTRAL BUSINESS AREA ZONE.

THE STATICAL DATA DEPICTED ALONGSIDE SHOW THE VARIOUS PARAMETERS THAT CATER TO WATER SUPPLY, SANITATION, MOBILITY AND PUBLIC AMENITIES WITH RESPECT TO SEVERAL PROMINENT WARDS AROUND BANGLORE. THE SELECTION OF THESE WARDS ARE BASED ON A SURVEY CONDUCTED BY THE TIMES OF INDIA, WITH THE BEST, MODERATE AND WORST WARDS.

THE AREAS THAT HAVE EXPERIENCED UTMOST DANGER WITH INCIDENTS OF CHAIN SNATCHING, PICK-POCKETING, PETTY THEFT AND INCIDENTS OF MOLESTATION, AND MILD CASES OF SUCH

A RESIDENT'S PRIMAL CONCERN IS THE SECURITY AND SAFETY EXPERIENCED IN HIS AREA OF STAY. MAJESTIC AS OBSERVED HAS MINIMAL NUMBER OF RESIDENTS YET THE CRIME RATE EXPERIENCED IN THIS REGION IS ALARMINGLY HIGH. THE MAP SHOWS

BANGLORE CONFORMS TO THE GLOBAL AVERAGE TIME SPENT LOOKING FOR A PARKING SPOT, WHICH IS 20 MINS ACCORDING TO THE FOURTH ANNUAL IBM SURVEY.

THESE CONVOLUTING ROADWAYS LEAD ONE FURTHER INTO THIS CONCRETE JUNGLE OF TRADE AND COMMERCE. THE ABOVE MAP ACCURATELY DEPICTS THE TRAFFIC CONGESTION PATTERNS PRESENT IN THE STUDY AREA

**CRIME RATES**

**TEACHERS SIGN**

**CASE STUDY (MAJESTIC)**  
SUBMITTED BY B.ARCH, 8<sup>TH</sup> SEM

## TRAUMA CENTRE: Mr. SUNNY (B.Arch. 2019-24)

**FLOOR PLAN**

**Section X-X'**

**TEACHER SIGN:** SUNNY  
B.Architecture 6<sup>th</sup> SEMESTER  
AS120419003

**REMARKS**

## PUBLIC SCHOOL: Mr. MAYUR GOEL (B.Arch. 2016-21)

**URBAN DESIGN**

**CONCEPT**

- PASSIVE DESIGN
- RE-IGNITE
- VISUAL WEIGHT
- LIGHT MATERIAL

**INSPIRATION-**  
The inspiration for courtyard is taken from Piazza del Campidoglio (Rome). An interlaced twelve-pointed star makes a subtle reference to the constellations, revolving around this space called "head of the world."

**FOR SITE**

- PARKING
- OPEN SITTING AREA FOR FOOD COURT
- TICKET COUNTER
- TOILETS
- OPEN DISPLAY WITH LANDSCAPE
- WORKSHOP AREA WITH STORAGE
- SHOPS
- DORMITORIES & COTTAGES
- BUBBLE DIAGRAM

**FOR MUSEUM**

- RECEPTION
- ADMINS/STAFF
- TOILETS
- FOOD COURT
- SERVICES
- GALLERY
- LOBBY
- COURTYARD WITH SKYLIGHT
- SECURITY CHECK
- BAGGAGE
- SHOPS

**CONCEPT**

- PASSIVE DESIGN-** Fenestration to allow ventilation-building oriented to get optimum natural lighting.
- VISUAL WEIGHT-** Clustered design to prevent heavy visual weightage and allows visual connectivity on-site.
- RE-IGNITE-** Space allocated to allow the people to interact.
- HEIGHT-** Considering height of building to not exceed the height of the surrounding trees, so the visual weightage is not disrupted.
- LIGHT MATERIAL-** Consider a lightweight design to reduce the impact on natural context.

**CONCEPT**  
SUBMITTED BY B.ARCH, 8<sup>TH</sup> SEM

**TEACHERS SIGN**

**PUBLIC SCHOOL \_ MAYUR GOEL \_ 2021 THESIS \_ AMITY SCHOOL OF ARCHITECTURE & PLANNING (AUH) GURGAON**

Ground floor: 4800sqm  
Primary class: 61m2  
Staff room: 155sqm  
Dance room: 122sqm  
Admin room: 40sqm  
Conference room: 36sqm  
Reception: 74sqm  
Account room: 24sqm  
Library: 122sqm  
Art room: 61sqm  
Medical room: 61 sqm





## RURAL DEVELOPMENT HUB: Mr. SAURABH CHAUDHARY (B.Arch. 2016-2021)



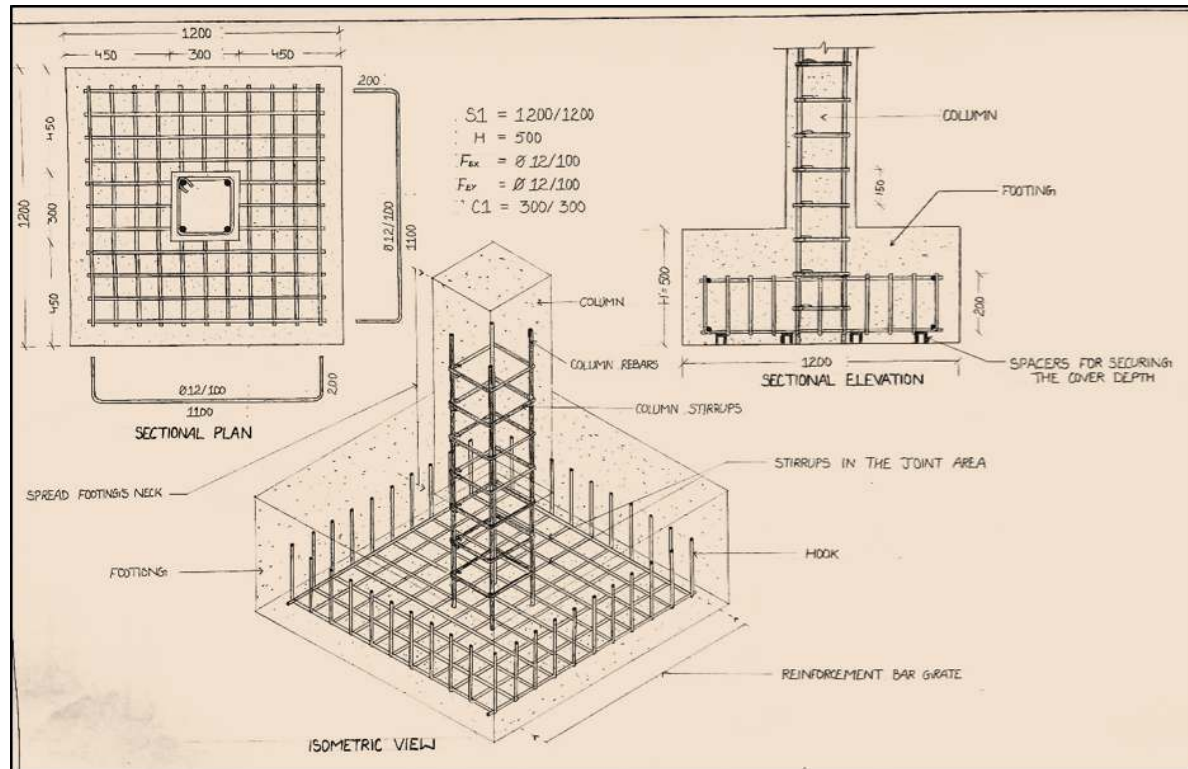
## MIX HOUSING: Mr. ANURAG PANDEY (B.Arch. 2016-2021)







## BMCT II: Ms. SONIA (B.Arch 2021-2026)



## HISTORY OF ARCHITECTURE - I: Ms. PALAK RAJESH (B.Arch. 2021-2026)

**HISTORY**  
 AFTER HUMANUM'S DEATH ON 27 JANUARY 1556 HUMANUM'S BODY WAS FIRST BURIED IN HIS PALACE IN PURANA QILA. THEREAFTER IT WAS TAKEN TO SIKHIND IN PURNABAD BY KHANUM BEEG AND IN 1558, IT WAS SEEN BY HUMANUM'S SON THE THEN MUGHAL EMPEROR AKBAR. HE SUBSEQUENTLY VISITED THE TOMB IN 1571, WHEN IT WAS ABOUT TO BE COMPLETED. THE CONSTRUCTION BEGAN IN 1565 AND WAS COMPLETED IN 1572. IT COST 15 MILLION RUPEES, PAID ENTIRELY BY THE EMPRESS.

**ARCHITECTURE**  
 THE HIGH RUBBLE BUILT ENCLOSURE IS ENTERED THROUGH THE EASTY DOOR. STORED GATEWAYS OF THE WEST AND SOUTH 4 M HIGH WITH ROOMS ON EITHER SIDE OF THE PASSAGE AND SMALL COURT-YARDS ON THE UPPER FLOOR. THE TOMB, BUILT OF MARBLE AND RED SANDSTONE, USES WHITE MARBLE AS A CLADDING MATERIAL AND ALSO FOR THE FLOORING, LATTICE SCREENS, DOOR FRAMES, SPYGLASS CHAIRS, AND THE MAIN DOME. IT STANDS ON A WHITE TERRACE 5.5 M HIGH AND SPREAD OVER 12000 M<sup>2</sup>. IT IS ESSENTIALLY SQUARE IN DESIGN, THROUGH CHAMFERED ON THE EDGES & TO APPEAR OCTAGONAL. THE PLINTH MARK WITH TUMBER POLE HAS FIFTY-SIX CELLS ALL AROUND AND NINE OVER EACH CORNER. THE ENTIRE BASE STRUCTURE IS ON A RAISED PLATFORM.

**HUMAYUN'S TOMB (MAGBARA-T-HUMAYUN)** IS THE TOMB OF THE MUGHAL EMPEROR HUMAYUN IN DELHI INDIA. THE TOMB WAS COMMISSIONED BY HUMAYUN'S CHIEF CONSORT, EMPRESS BEGA BEGUM (AKA HAI BEGUM, ON PATRONAGE OF HER STEP-SON AKBAR, IN 1565, AND DESIGNED BY MIRAK MIRZA GHYAS AND HIS SON, SAYYID MUHAMMAD. PERSIAN ARCHITECTS CHOSEN BY HER. IT WAS THE FIRST GARDEN TOMB ON THE INDIAN SUBCONTINENT AND IS LOCATED IN NIZAMUDDIN EAST DELHI, CLOSE TO THE PINA - PANAH CTABEL, AKA PULANA QILA, THAT HUMAYUN BUILT IN 1556. IT WAS ALSO THE FIRST STRUCTURE TO USE RED SANDSTONE AT SUCH A SCALE. THE TOMB WAS DECLARED A UNESCO WORLD HERITAGE SITE IN 1991.

**INSPIRED BY PERSIAN ARCHITECTURE**, THE TOMB REQUIRES A HEIGHT OF 42M (138 FT) AND THE PLINTH IS 91 M (299 FT) WIDE. AND WAS THE FIRST INDIAN BUILDING TO USE THE PERSIAN DOUBLE DOME ON A HIGH NECK, B ROOM, AND MAGAZINE. ASH AND IS TOPPED BY 6M HIGH BRASS FINIAL ENDING IN A CRESCENT. COMMON IN TIMURID TOMB. THE DOUBLE LAYERED DOME HAS AN OUTER LAYER THAT SUPPORTS THE WHITE MARBLE EXTERIOR, WHILE THE INNER PART GIVES SHAPE TO THE CAVERNOUS INTERIOR. A VOLUME IN A CONTRAST TO THE PURE WHITE EXTERIOR. THE WEST OF THE BUILDING IS MADE UP OF RED SANDSTONE, WHILE WHITE AND BLACK MARBLE AND YELLOW SANDSTONE DETAILING TO RELIEVE THE MONOTONY.

**CHAR BAGH**  
 WHILE THE MAIN TOMB TOWER OVER RIGHT PERSIA TO BUILD IT WAS ALSO PLACED IN CENTRE OF A 50-ACRE (120000 M<sup>2</sup>) CHARBAGH, A TYPICAL SYMmetrical GARDEN WITH A QUADRILATERAL LAYOUT. IT WAS THE FIRST OF ITS KIND IN SOUTH ASIA AND SUCH A SCALE. THE HIGHLY GEOMETRICAL AND ENCLOSED GARDEN IS DIVIDED INTO FOUR SQUARES BY RIVER WALKWAYS AND 2 PERPENDICULAR WATER CHANNELS. REFLECTING THE FOUR RIVERS THE BIGHA AT JAMINA. THE ISLAMIC CONCEPT OF PARADISE BAGH OF THE GARDEN IS FURTHER DIVIDED INTO 8 SMALLER GARDENS WITH PATHWAYS, CREATING 32 MINIATURE GARDENS IN ALL WITH MAUSOLEUM IN THE CENTRE. A DESIGN TYPICAL OF LATER MUGHAL GARDENS. THE CENTRAL WATER APPEARS TO BE DISAPPEAR IN THE COURSE OF A STRAIGHT LINE, SUGGESTING A QURANIC VERSE WHICH TALKS OF RIVERS FLOWING BENEATH THE GARDEN OF HEAVEN.

**USE OF PERSIAN BLUE**  
 IN THE CHIMNEY, IN THE CHAMBER, AND IN THE CHAMBER. AS THE MOOR WAS BUILT BY PERSIANS.

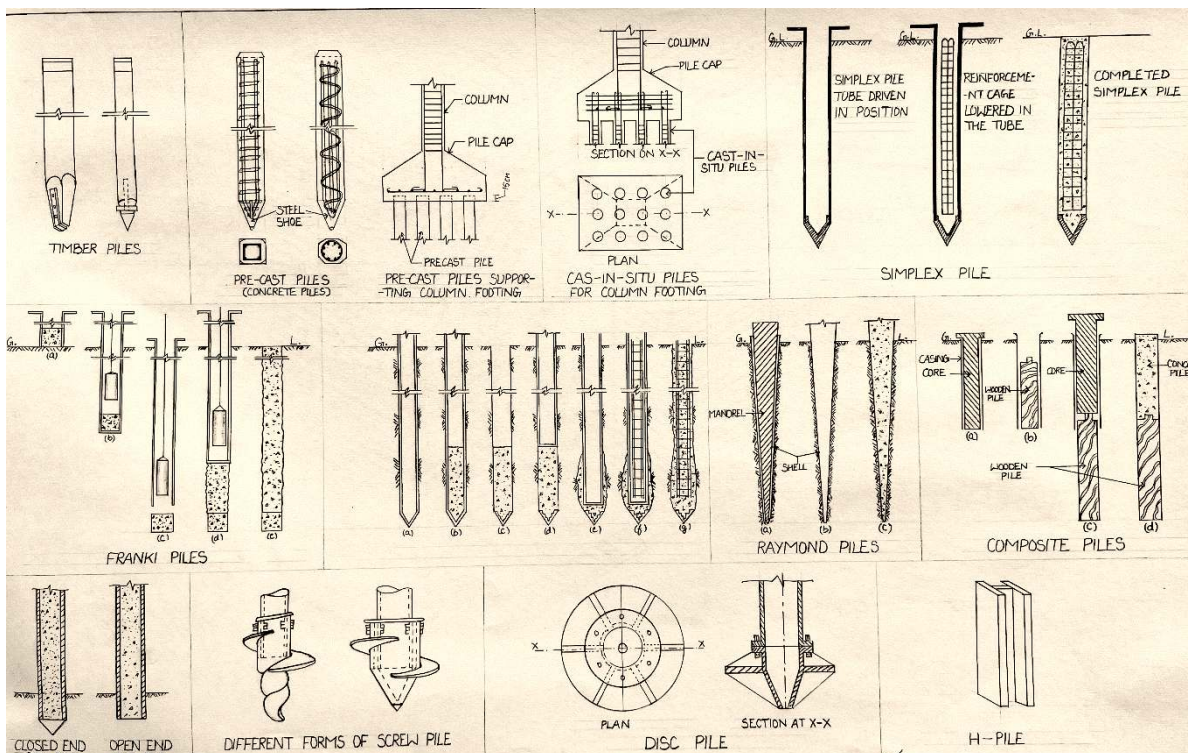
**CEILING OF ENTRANCE CHAMBER INSIDE**

**PLAN**

**ARCH AT HUMAYUN'S TOMB**

ASAP HUMAYUN'S TOMB (MUGHAL ARCHITECTURE)

FACULTY'S SIGN REMARKS: PALAK RAJESH, B.Arch, SEMESTER - 2, HISTORY OF ARCHITECTURE - II



**Jami Masjid CHAMPANER**

**TAMI MASJID, CHAMPANER, GUJRAT** IS A UNESCO WORLD HERITAGE SITE. IT IS LOCATED ABOUT 46 KM EAST OF THE CITY VALLES (CHAMPANER) NEAR THE BASE OF THE MOSQUE DATES TO 1525. CONSTRUCTION WAS CARRIED OUT OVER 25 YEARS. IT IS A BLEND OF ISLAMIC AND MUSLIM ARCHITECTURE. THE BUILDING WAS STORED WITH RED SANDSTONE AND WHITE TILES OF DECORATION. THE CARVED ROOF CONTAINS SEVERAL DOLLS AND COINTEGRATED IN LARGES. THERE ARE 9 MINARETS AND THE PRAYER GATES ARE CARVED AND FITTED WITH PINK STONE. IT WAS BUILT BY SULAYMAN BEGUM IN 1590. THE PINKISH SLICE IS FROM THE SANDSTONE USED IN ITS CONSTRUCTION.

**BUILT ON A HIGH FLOOR**, THIS MOSQUE IS 14M LONG AND 30M WIDE. THE TOWER MINARETS ARE 30M HIGH AND OCTAGONAL IN SHAPE. MAIN PRAYER HALL: ELEVEN DOMES, WITH A CENTRAL DOME. A TROUBLE COLORED STRUCTURE. BUILT ON 250 PILLARS.

**TO ENTER THE MOSQUE**, THERE IS A PROVED THAT HAS A LARGE OPEN TOWER BUILT OVER A RECTANGULAR CHAMBER ENTRANCE. DOORS ARE EQUIPPED WITH STONE LINTELS.

**TO ENTER THE MOSQUE**, THERE IS A LARGE OPEN TOWER BUILT OVER A RECTANGULAR CHAMBER ENTRANCE. DOORS ARE EQUIPPED WITH STONE LINTELS.

**INSIDE THE PRAYER HALL**, THERE ARE MORE THAN 200 PILLARS. MAIN PRAYER HALL IS SEPARATED BY STONE TALLS, WHERE THE PILLAR OF THIS PLACE OR HALLS, COMMONLY USED TO PRAY.

**THE CENTRAL DOME**  
 IN THE MAIN PRAYER HALL, THERE IS A 25M HIGH, TWO-STORY HIGH DOME. IN THE AREA OF THE DOME, IT IS BEAUTIFULLY CARVED.

**THERE ARE A LOT OF STONE MESH WINDOWS** FOR PASSING NATURAL LIGHT IN THE MOSQUE.

**INTERIOR PILLARS**  
 INSIDE THE PRAYER HALL, WHERE THE WAS DONE IN ANCIENT TIMES, IT HAS 32 PILLARS.  
 THE MOSQUE HAS MORE THAN 200 PILLARS.

**PLAN**

ASAP JAMI MASJID, CHAMPANER, GUJRAT

FACULTY'S SIGN REMARKS: PALAK RAJESH, B.Arch - II SEMESTER, HISTORY OF ARCHITECTURE - II





**HISTORY OF ARCHITECTURE-III: Ms. YASHIKA DHAIYA (B.Arch 2019-2024)**

ROMANESQUE ARCHITECTURE IS AN ARCHITECTURAL STYLE OF MEDIEVAL EUROPE, WHICH IS CHARACTERIZED BY SEMI-CIRCULAR ARCHES AND EVOLVING THE GOTHIC STYLE, WHICH IS CHARACTERIZED BY POINTED ARCHES.

BEGINNING IN 12<sup>TH</sup> CENTURY, COMBINING FEATURES OF ROMAN AND BYZANTINE BUILDINGS, THE ROMANESQUE ARCHITECTURE IS KNOWN BY ITS MASSIVE QUALITY, ITS THICK WALLS AROUND, ROUND ARCHES, STURDY PIERS, GROIN VAULTS AND DECORATIVE ARCHADING.

# Pisa Cathedral

- PISA CATHEDRAL IS ONE OF THE FIRST EDIFICES BUILT IN THE PIAZZA DEL MIRACOLI IN PISA.
- THE CONSTRUCTION BEGAN IN 1063 CE UNDER ARCHITECT BUSCHETO.
- THE CATHEDRAL IS AND WAS AT THE TIME OF ITS CONSTRUCTION, ONE OF THE MOST IMPRESSIVE CATHEDRAL IN THE WORLD.
- BUSCHETO WAS THE FOUNDER OF THE DISTINCTIVE PISAN ROMANESQUE STYLE.
- TOWER OF PISA IS A FREESTANDING TOWER IN ITALY.
- ITS HEIGHT IS 55.86 METRES.
- IT HAS 296 STEPS, AND 7 FLOORS.
- IT WAS TILTED BY 5.5° WHICH WAS STABILIZED BY REMEDIAL WORK AND THE TILT WAS REDUCED TO 3.99°.

ROMAN CORINTHIAN COLUMN FOUND IN INTERIOR OF CATHEDRAL

ROUND ARCHES IN ARCADES

YASHIKA  
5<sup>TH</sup> SEMESTER  
A51204019004

# CHARMINAR

MINARET

ARCHES

ABLUTION TANK

WINDING STAIRCASE

PLAN

ELEVATION

1. THE CHARMINAR LOCATED IN HYDERABAD, INDIA, WAS CONSTRUCTED IN 1591.
2. IT IS A SQUARE STRUCTURE WITH EACH SIDE BEING 20 METERS.
3. THE STRUCTURE IS MADE OF GRANITE, MORTAR, LIMESTONE AND PULVERIZED MARBLE.
4. THE STRUCTURE WEIGHS APPROXIMATELY 14000 TONES.
5. AT EACH CORNER STANDS AN EQUISITELY SHAPED 56 METRES-HIGH MINARET, WITH DOUBLE BALCONY.
6. EACH BALCONY IS CROWNED BY BULBOUS DOME WITH Dainty, PETAL-LIKE DESIGN AT BASE.
7. THERE ARE 149 WINDING STEPS TO REACH THE UPPER FLOOR.
8. THE STRUCTURE IS ALSO KNOWN FOR ITS PROFUSION OF STUCCO DECORATIONS AND THE ARRANGEMENTS OF BALUSTRADES AND BALCONIES.

HISTORY OF ARCHITECTURE

FACULTY SIGNATURE

YASHIKA  
4<sup>TH</sup> SEMESTER  
A51204019004

**EXPRESSIONS**

**CREATIVE WORKS**

**AN EXQUISITE WARRIOR**



**Priyamvada D.**  
(B. Arch. 2018-2023)

**JOY OF INNOCENCE**



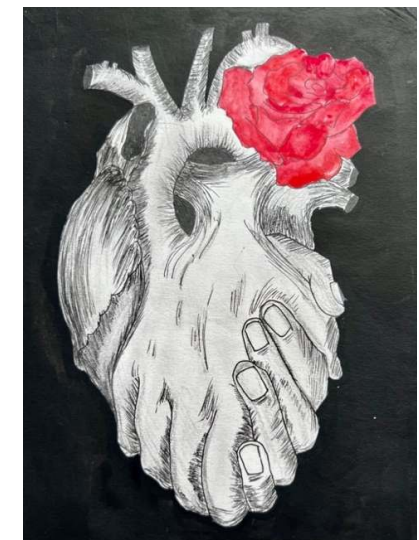
**Ar. Ashu Jain Gupta**  
(M. Planning 2018-2020)

**GO GREEN**



**Priyamvada D.**  
(B. Arch. 2018-2023)

**A KIND HEART**



**Ms. Simran**  
(B.Arch. 2021-2026)





**CREATIVE WORKS**

**ADVANCING CHIRP OF NATURE**



**Ms. Palak**  
(B.Arch. 2021-2026)

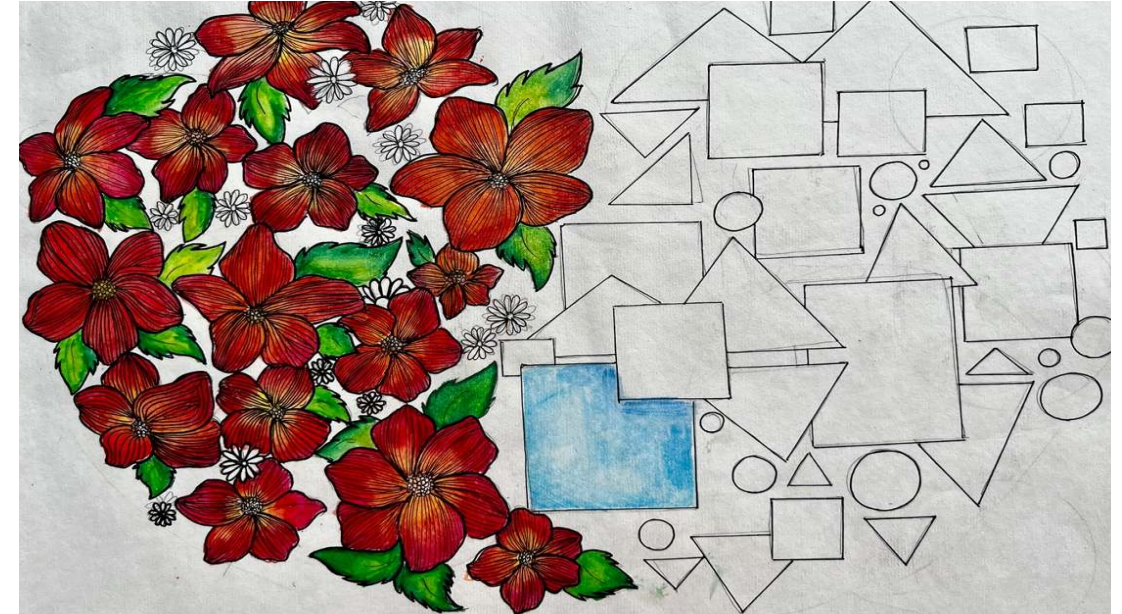
**ALANKRIT DURGA**



**Ms. Sonia**  
(B.Arch. 2021-2026)

**CREATIVE WORKS**

**BLOOMING ABSTRACT**



**Ms. Simran** (B.Arch. 2021-2026)

**BLOOM OF HOPE**



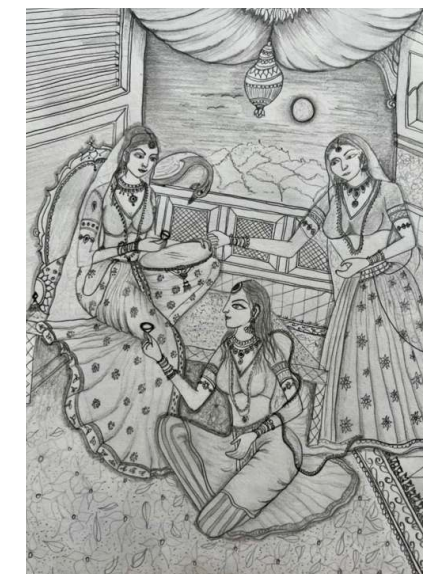
**Ms. Palak**  
(B.Arch. 2021-2026)

**STRENGTH WITH CREATIVITY**



**Ms. Sonia**  
(B.Arch. 2021-2026)

**CHAL RI SAKHI KUCH BATIYA LE**



**Ms. Sonia**  
(B.Arch. 2021-2026)

**CHASING THE TARGET WITH ALL GRACE**



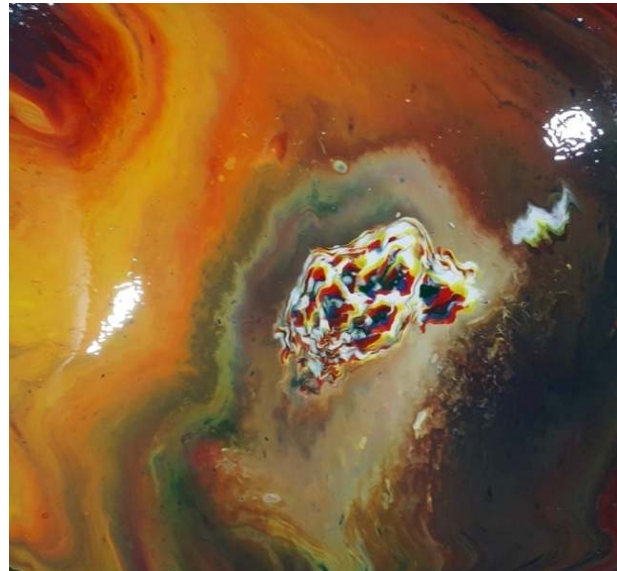
**Ms. Sonia**  
(B.Arch. 2021-2026)





**CREATIVE WORKS**

**THE NEBULA**



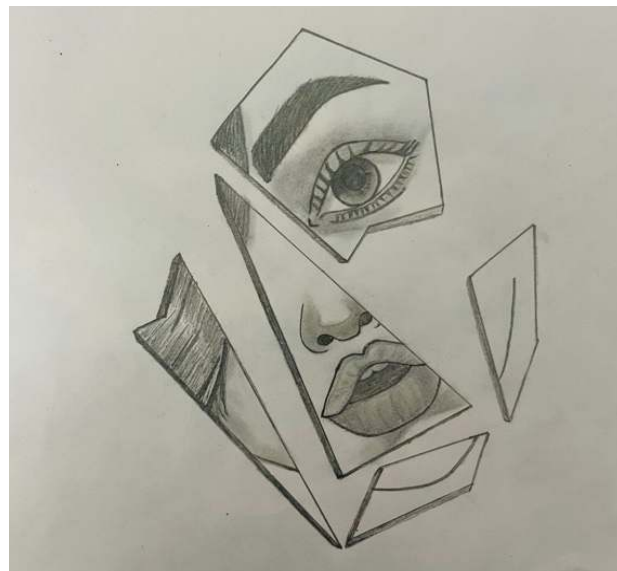
**Ms. Barkha**  
(B. Planning 2013-2017)

**HAPPINESS REVIVALS  
CROCHET AND INDIAN FESTIVAL**



**Ms. Asmita Sutar**  
(M. Planning 2021-2023)

**AT THE DEEPEST POINT, THE  
CREATIVE AND HEALING PROCESS  
ARISE FROM A SINGLE SOURCE**



**Ms. Nithya**  
(M. Planning 2021-2023)

**HAPPINESS REVIVALS  
CROCHET FRIENDS**



**Ms. Asmita Sutar**  
(M. Planning 2021-2023)

**CREATIVE WORKS**

**THE LIFE OF A TODDLER**



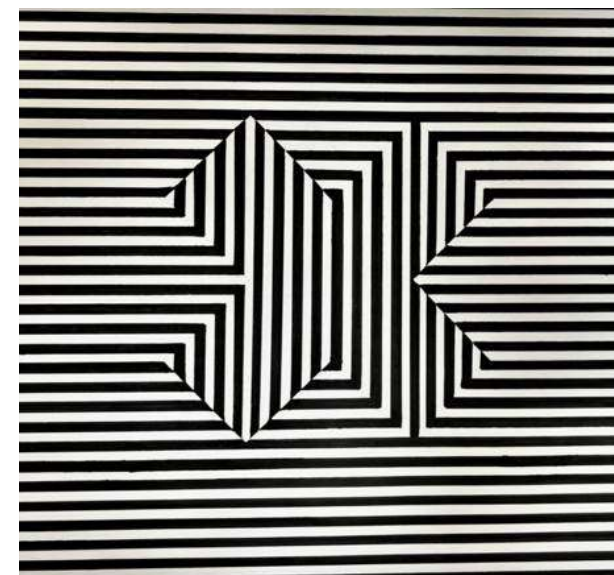
**Ms. Sonia**  
(B.Arch. 2021-2026)

**A COMPOSITION ON A YOUTH'S LIFE**



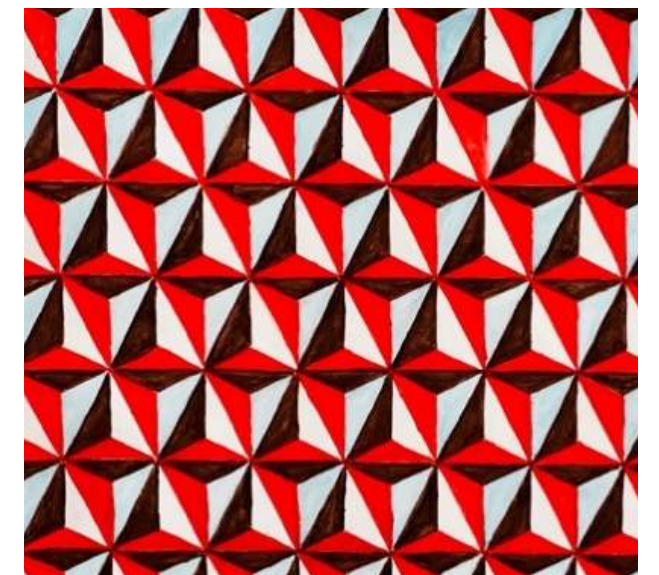
**Ms. Palak**  
(B.Arch.2021-2026)

**THE ILLUSION**



**Ms. Sukhdeep**  
(B.Arch. 2021-2026)

**TESSELLATION**



**Ms. Palak**  
(B.Arch.2021-2026)



## CREATIVE WORKS

### THE CHARMINAR



**Ms. Yashika**  
(B. Arch. 2019-2024)

### PAPER MACHE SCULPTURE



**Mr. Vikrant Verma**  
(B. Arch. 2016-2021)

### THE MOSQUE



B. Arch. 2021-2026

### THE REVOLVING DOOR'



**Mr. Krishna Gupta**  
(B. Arch. 2016-2021)

## EXPRESSIONS

### WOMEN'S DAY COMPETITION 2022

#### समता और समानता

समता हो अवसरों की, जो छूने दे थोड़ा सा आसमान,  
बराबरी हो रास्तों की, जो पाने दे मंजिलो का जहान।

समता हो शिक्षा की जहाँ, हर कली खिल पाए,  
सामर्थ्य तो सबमे है पर, बढ़ने के लिए एक सी जमीन भी मिल पाए।

क्याउन पैरों को वेग पकड़ने की जमीन मिलती है?  
जो स्वयं एक न होकर, जीवनदायिनी होती है।  
क्या उसकी जिम्मेदारियां, को भी समाज साथ देता है?  
जो कभी न अकेली चलती, सबको साथ ले बढ़ती है।

बराबरी हो जिम्मेदारियों की, जहाँ न अकेला पड़ जाए मातृत्व,  
भावी पीढ़ी को पोषण देने में, साथ दे जाए सारा विश्व।

बराबरी हो उन खेलो की, जो जीवन की कला सिखाए,  
मुन्नी भी खेले मोटर मोटर, मुन्ना भी गृहस्थी का विज्ञान सीख पाए।

बराबरी हो सामर्थ्य की, जो आदर्श को देख पाए,  
स्त्री या पुरुष होने से पहले, हम अच्छे मानव बन पाए।

**Ar. Shraddha Mahore Manjrekar**  
Ph.D. Scholar,  
Amity School of Architecture and Planning  
Gurugram





## GENDER EQUALITY

Gender equality in the responsibility  
To meliorate the sustainability...  
Woman are powerful, awake  
And leaders of tomorrow,  
Women are pioneers of development  
And remover of sorrow,  
Equal chance is the need of the decade,  
To develop balanced and equal arcade...  
Women are empathetic yet ambitious too,  
Women are skittish yet courageous too...  
Gender equality enhances balance  
To treat sustainable imbalance!

**Ms. Srajati Tiwari**  
B.Arch. Student,  
Bundelkhand University Jhansi

## I'M A WOMAN

I walk miles in high heels  
I dance barefoot on the streets  
I hold you in my arms,  
On your darkest nights.  
  
I take you closest to the sky,  
When you seek to overcome your cries.  
I laugh with tears in my eyes,  
To see the smile in your glittering eyes.  
  
I'm born. I bleed. I birth  
I create circles, so you don't suffer  
I am women, I make world hearth.

**Ms. Supriya**  
B.Arch. Student,  
Bundelkhand University Jhansi



## कई सवाल ?

ममता की मिट्टी में लगे  
मेरे पौधे पूछते हैं कई सवाल ।  
कभी मेरे वक्त को तरस्ते,  
और कभी मेरी प्रेरणा बने नजर आते हैं ।  
घर होती हूँ तो शिकवे अनेक होते हैं,  
गर ऑफिस से लौटूँ तो मिलते हैं, ज्यू बरसों से बिछड़े होते हैं ।  
ममता की मिट्टी में लगे  
मेरे पौधे पूछते हैं कई सवाल ।

दुनिया के लिए भले एक चिंतक हूँ मैं,  
अनुभव से भरी एक समीक्षक हूँ मैं ।  
पर अपने ही सवाल में घिरी एक विश्लेषक हूँ मैं ।  
कहा सही, कहा गलत, पैमानों को मापती  
मातृत्व भरी एक तुला हूँ मैं ।  
ममता की मिट्टी में लगे  
मेरे पौधे पूछते हैं कई सवाल ।

बचपन की अन्भिज्ञ शिकायत पेटिकाये मेरी  
बड़े होकर शायद साराहे मुझे!  
स्व-संग्राम मेरे आत्मबोध का शायद समझ पायेंगे ये!  
इन प्रश्नों के उत्तर ढूँढती एक विश्लेषक हूँ मैं ।  
ममता की मिट्टी में लगे  
मेरे पौधे पूछते हैं कई सवाल ।

सभी सवाल से परे,  
प्रेम से भरी एक माँ हूँ मैं ।  
घर या ऑफिस, हर कर्तव्य निभाती एक औरत हूँ मैं ।  
अपने बच्चों को सही राह दिखाती एक प्रेषक हूँ मैं ।  
ममता की मिट्टी में लगे  
मेरे पौधे पूछते हैं कई सवाल ।  
ममता की मिट्टी में लगे  
मेरे पौधे पूछते हैं कई सवाल ।  
कभी मेरे वक्त को तरस्ते,  
और कभी मेरी प्रेरणा बने नजर आते हैं ।

**Ms. Kumud Dhanwantri**  
Assistant Professor,  
Amity School of Architecture and Planning

## LESSONS OF THE NEW NORMAL

Going back to studios,  
With great ethos  
We might feel nervous at the door  
Joy on face to see class once more

I have seen joyous moments and moments of despair  
Throughout all the moments, God was there  
I cried for the people and things I lost  
But faith in God, was utmost

Eyes filled with tears in the moments of conquest  
Encouraged myself, "Let's do our best"  
I had sleepless nights  
With unclear things  
Faced uncertain days with positive attitude  
Hoping to touch higher altitude  
With every new wave, I heard people saying  
"God please save"

Each day, my hope renewed  
New hope for new beginnings,  
Each morning, reminds me of my strength  
Reminds me that change is on the way  
We fought and we will fight together  
Agree or disagree, right or wrong  
We stand together strong

**Dr. Pallavi Sharma**  
Professor,  
Amity School of Architecture  
and Planning, Gurugram



## EXPRESSIONS

### ARTICLE

#### TRANSFORMATION OF ARCHITECTURE AND PLANNING EDUCATION POST COVID 19- FLEXIBILITY IS THE NEW MANTRA



**Dr. Ila Gupta**  
Director, Amity School of  
Architecture and Planning

The building industry in India had seen its share of ups and down in the past but the consequences of COVID 19 pandemic were severe and far reaching. The outbreak of COVID-19 was unique on many accounts: its global nature, longevity, severity, evolving nature and complexities in controlling the situation. The challenges faced by the industry also had rippling effect on the academia in India. Due to the pandemic and the corresponding lockdown, mode of education shifted from face-to-face to various online modes. The entire education system went through a technological revolution. A pedagogical shift took place as the education went online. Imparting of practical knowledge, internships and placements were directly impacted. A new normal emerged and both industry and academia had to adapt.

The situation also offered some important opportunities which have the potential for uplifting the profession like never before. Before the pandemic, the building industry was categorized as among the less digitized sectors of the world. The technological adoption was comparatively slow as compared to other fields even as the pandemic began, but soon the transformation was visible. Technologies like building information modeling (BIM), drones, AI and ML in architecture and planning have found immense applications and opportunities. These technologies have now reached our curriculums and studios. Students have started working on, exploring and developing them further. The shift is also fostered by the interdisciplinary learning with other departments, labs and experts from the university and the industry. Most importantly, there was a significant step in the architecture and planning styles where flexibility started gaining paramount importance. The building uses changed as many workplaces changed their mode of operations permanently. Residences were used also as offices, schools, laboratories, consultations, studios etc. New building typologies emerged.

Public places functioned differently and demanded special design interventions with special considerations for social distancing and safety. Flexibility in planning also became a positive asset to cope with

the challenges of growing complexity, opportunism and diversity in cities. After witnessing the huge exodus of urban migrants in India, there was an increasing awareness that urban planning cannot control the whole future in the development of modern urban economy. The traditional rigid urban planning paradigm could not meet the need of the communities. The flexibility became the developing direction of urban planning at this new stage. Flexibility is the ability of a system to adapt or respond to changes in the environment. The flexible theory of urban planning suggests that planning should be a dynamic and harmonious thought. Our planning practices should now explore how urban planning can deal with uncertainties and unexpected developments in a fruitful way. Along with this, the NEP 2020 also stresses on more flexible education system. Students have been offered open and flexible systems for interdisciplinary learning, enrolling for two degrees simultaneously and many more options which were unthinkable just few years back. Every cloud has a silver lining and covid 19 pandemic and the induced transformations have provided hope for a more robust, resilient and futuristic education for architects and planners.





## OPEN THE WINDOWS AND FEEL ALIVE



**Ar. Meenu Babu**  
Assistant Professor

Openings play a major role in the external appearance of a structure. Huge glass facades, corner windows, bay windows, stained glass windows are becoming increasingly popular in residential and commercial architecture. But there is much more to an opening than defining the look of a façade. The primary functions of an opening in a building are lighting, ventilation, and provision of views. The size, shape and orientation of the opening has an impact on the occupant's physical and well as mental health. Pandemics throughout history has helped the architects to realize the importance of daylighting and its impact on the resident's physical health. Le Corbusier's ribbon windows, Mies van der Rohe's Glass Pavilion, Alvar Aalto's long expansive windows are not just merely the impact of Industrial Revolution, but also about how architects started considering health and wellbeing of the residents as primary objective in design.

Although the glass facades and fixed windows meet the daylighting requirements, it does not help in promoting fresh air inside the building. Occupants feel and stay healthy if there is good daylighting as well as continuous supply of fresh air in the building. A good air circulation helps to limit the build-up of viruses and bacteria inside a room. After the onset of Covid 19, many companies have retrofitted their existing building facades with openable windows and mechanical air handling units to ensure the continuous supply of fresh air to indoor spaces. Daylighting and ventilation have not only physical implication on one's health, but also plays a huge role in defining the mental health and overall mood of a person. The absence of sunlight entails lower capacity of human body to produce Vitamin D, which results in lower levels of serotonin, a molecule associated with the appearance of physical fatigue, states of sadness and in extreme cases, depression. Covid 19 reduced one's exposure to sunlight as one was forced to stay inside due to lockdown restrictions and work from home. A Survey based study carried out in several Chinese cities has classified the psychological impact of pandemic as moderate to severe. 54% of those surveyed have shown symptoms of depression, anxiety, and stress. Annual Survey 2020, conducted by AIA shows high demand for home offices with sunrooms (rooms that allow abundant amount of daylight and nature view).

While talking about psychological impact of daylighting, we can also see that some architects have played with selective daylighting to create specific moods for the occupants. Peter Zumthor's Therme Vals, Le Corbusier's Church at Firminy and Daniel Libeskind's Imperial War Museum, are examples of controlled daylighting to enhance a particular the mood/emotion of the occupants. As social beings, we humans prefer a connection with our immediate surrounding or the ecosystem that we live in to feel free. This brings us to another essential functioning of an opening which is provisioning view to the outside world. Architects in 19th century had already understood the importance of bringing the nature inside. The terrace gardens of Le Corbusier and wide roof terrace of Paimio Sanitarium by Alvar Aalto aimed at dissolving the barrier between outside and inside world, making the residents feel good mentally and physically. Studies carried out by Institute of Construction Sciences of the Spanish Higher Council for Scientific Research for a project on the covid 19 lockdown and housing, established that a high percentage of people wanted to change natural and artificial lighting in their houses, as well as connect with the outside world. Houses with gardens or terraces have greater value now. During lockdown, many people shifted their home workspace closer to a window or balcony, to get daylight, fresh air, and a view to outside world and sometimes to connect with people outside. To summarize, we need windows that let in the sunlight, fresh air and provide outside view to make us healthy physically and mentally. So, open your windows and let the air heal your body and mind.



Source: Pixels.com





## MOVEMENT OF HUMANS FROM “IN” TO “OUT” MIGRATION- A TRANSITION IN GRAVITY



**Ms. Harneet Kaur**  
Assistant Professor

The emergence of covid was so sudden that nobody could ever think of any survival tactics beforehand. We all were unprepared and helpless. The situation got even worse with the imposition of complete lockdown. Desperation and anxieties were rushing from one person to another, even faster than the virus. Irrespective of cast color greed income level every human being was suffering at their own tangents and daily challenges. Sources of income were disrupted, and special precautionary measures were demanding expenditure. It was financial and emotional disruption and chaos everywhere.

In this situation, the only thing everyone wanted was to be safe and along with their near and dear ones. The cities no longer acted as a pull factor for in-migration. The opportunities of earning money and livelihood went on hold for an undefined duration. Schools and college institutes were closed all the daily activities were occurring at a slow pace. In this scenario, the emotional health and status of humankind were very fragile and vulnerable. We all observed lakhs of people working in the labor sector started walking towards their safe zone from all corners of the country where they were once attracted due to pulling determinants of migration, the places which used to have gravity for migration.

They were walking for thousands of kilometres just to be at a place where they had roots towards their belongs. At this moment the whole paradigm of migration was nullified. The cities which pulled for in-migration acted as a push factor for outmigration. All the defined determinants of migration lost their gravity to hold people. On the contrary, the gravity shifted to the roots of the people where they found hope for survival with their near and dear ones. The only determinant which was acting was safety and emotional support. The sprawl of people moving out of the cities to their native places was seen everywhere. It is true that by the end of the day, all birds want to return to their nest, and so was the situation during covid and lockdown. It was out-migration instead of in-migration and gravities changed from urban to rural. Chaos and situations change only with the need of humankind.

## EDUCATION- AFTER COVID-19



**Ar. Geetka Verma**  
Assistant Professor

Since ancient times, India has had a long and illustrious history in the fields of learning and education. People from other countries, such as Europe, the Middle East, and Portugal, have long flocked to India in search of a quality education. The Gurukul System was one of the most well-known educational institutions in ancient India. Gurukuls were primarily concerned with imparting knowledge to students in a natural setting where the shishyas lived in fraternity, humanism, love, and discipline with one another. Education has become an important topic in recent years since it involves the participation of most of the population. The advancement of technology has a significant impact on education. As time passes, the educational system evolves to meet the changing demands of humans.

### Impact of Covid 19

There is a sudden shift in the manner of learning across the world because of Covid. With this abrupt change, away from the classroom, we wondered if the uptake of online learning would continue post-pandemic and how such a shift would affect global education. Covid 19 pandemic has led to the largest distribution of education ever. Whether it is language apps, virtual tutoring, video conferencing tools or online learning software, there has been a significant surge in usage since Covid-19. The Covid 19 has resulted in schools/ colleges shut across the world, with the distinctive rise of e-learning where teaching is undertaken remotely and on digital platforms. Some students without reliable internet access and technology, struggle to participate in digital learning. This gap is very prominent between the income brackets within countries. Earlier it was by choice whether to adopt online education, but pandemic made it compulsory for everyone to go online. The effectiveness of online learning varies amongst age groups. Learners with disabilities, minority, or disadvantaged communities, displaced and refugee students and in remote areas are at highest risk of being left behind. A certain privatization occurs when learning moves from schools into the home. Many parents and communities have awakened to an appreciation of teachers 'work and their professionalism. More and more people are becoming aware of the multiple roles that schools play in providing for the well-being of children and youth. This increased awareness and appreciation can serve as the basis for a new revival of public education. Multiple EdTech



start-ups flourished because of high demand for e-learning platforms at the time of Covid-19.

### Present condition or New Normal

It's not enough for school to simply reopen their doors after the pandemic. Students will need tailored and sustained support to help them readjust and catch-up after the pandemic. Teachers should be prepared and supported to address learning losses among their students and to incorporate digital technology into their teaching.

At the time of Covid, we witnessed the movement in education from physical learning to online learning. With the opening of schools and colleges, we have adopted hybrid learning. Now is the time for us to understand the power of combining technology and social learning, so we should begin practicing "Blended Learning," which is a combination of offline learning with an online learning experience, or "Flipped Learning," which is a type of blended learning approach that "flips" the traditional method of a teacher teaching by one or many students being self-directed. The primary goal of education is to help students comprehend the concept of living a balanced life. This balance attitude should be instilled in children at a young age so that they may make educated decisions about employment, education, knowledge, and how they want to live their lives.

## THE BEAUTY OF MANIPUR STATE, INDIA



**Dr. Doreshor  
Khwairakpam**  
Associate Professor

The northeastern region of India has the state of Manipur, a monarchy with a sophisticated culture. The first Indian prime minister coined the term "Jewel Land" for it. Manipur state's picturesque splendour is a gift from nature to India. Manipur State, which is situated at 24.6637° N and 93.9063° E, has a total area of roughly 22000 sq km and a population of 2,855,794 (as per the 2011 Census). Meitei, Kuki, and Naga are just a few of the diverse ethnic groups that make up this state. In the areas of "art and culture" and "game and sport," the state of Manipur has excelled. The Art of Manipur "Pung Cholom" is well known and appreciated all over the world. There are various traditional forms of martial arts such as "Mukna" (wrestling), "Thangkairol" (sword dance), and "Khosarol" (spear dance). Sangai is an endemic and endangered subspecies of Eld's deer found only in floating national park known as "Keibul Lamjao National Park", in Manipur. In the name of Sangai, The Manipur government celebrates the Sangai Festival every year in the month of November since 2010 to promote tourism.

People may appreciate the natural scenic beauty of Manipur, particularly in the hill districts of Ukhrul, Senapati, Tamenglong, and Tengnoupal. Another tourism destination is Imphal Valley. During the Second World War, while the Japanese fought for control of this region, the town in the Imphal Valley came to light. The history of the area is contained in "Kangla Palace," close to Imphal Valley. The Imphal valley contains the oldest polo field in the world. Shirui in the Ukhrul district, Loktak Lake in Moirang, and the Tamenglong district are further Manipur State locations worth seeing.

Shirui Lilly in Ukhrul, one of the hill districts in Manipur is famous for its wonderful landscape and its tribal community called Tangkhuls, who have a rich culture. The more popular district "Shirui Lily" is named after a lily flower, by a British Botanist, F. Kingdom Ward. Loktak Lake in Moirang, located in Moirang, in Bishnupur district of Manipur is the largest freshwater lake in India. The area of this lake is around 287 sq km. The unique feature of this lake is "Phumdis" which are a series of floating islands in this lake. A large phumdis in the southern part of Loktak Lake is known as "Keibul Lamjao National Park" which is home for the Eld's deer subspecies called Sangai. Tamenglong is another hill district in Manipur rich with hills, waterfalls, lakes, caves etc. Barak





waterfall, Kisha Khou , Zeiladzang, Tharon cave and Buning are few to list. Tamenglong district is inhabited majorly by Zeliangrong Naga tribe (comprising of Rongmei, Liangmei, Zemei and Pumei), Kukis and a minority of Hmars, Chirus and Khasis tribes. The coexistence of several ethnic groups demonstrates the diversity and similarity of their cultures and beliefs. These tribes are well recognized for their traditional bamboo crafts, which are produced from indigenous bamboo. “Cane Sofa set”, “Cane mat or Carpet”, “Cane hat”, “Cane Suitcase”, “Cane Chair”, and “Cane long basket” are instances of their outstanding talent and acts as an attraction for travelers. Beautiful natural scenery and the distinctive cultures of several ethnic groups are the real beauty of Manipur which makes it worth visiting.



Source: Author, Manipur Tourism Dept., Govt. of India

## IMPACT OF COVID-19 ON TOURISM



**Mr. Nitish Kumar**  
Assistant Professor

Tourism is a social, cultural, and economic phenomenon which entails the environment of people to different places outside their usual environment for personal and professional purposes. Travel and tourism are one of the largest industries in India. It has 37 World heritage sites, 10 Biogeographic Zones, 80 National Parks and 441 Sanctuaries. This travel and Tourism industry was heavily impacted by the Covid 19 endemics. As people were refrained from travel, total contribution of travel and tourism to employment fell to 20.8%. As per report from Ministry of Tourism, 14.5 million jobs were lost in Apr-Jun 2020, followed by 5.2 million jobs in Jul-Sep 2020, and another 1.8 million in Oct-Dec due to nationwide lockdowns. Okun’s law of Economic Growth and Unemployment stated that a percentage increase in unemployment causes a 2% fall in GDP. As a result of Increase in unemployment, it has impacted the GDP. Before Covid 19 lockdowns, the contribution of travel and tourism to GDP was 6.8% in 2019 and 4.7% in 2020 of the total economy. The contribution to India’s GDP fell to 36.3% due to Covid 19 endemics. With Vaccination being rolled out, travel and tourism industry are expecting the better situation as compared with the last two years.

Travel and tourism industry is witnessing a gradual recovery after the Covid-19 pandemic. A huge shift has been seen in the way people travel now. Instead of travelling across borders, people have been travelling within India, particularly to explore the rural areas. The Union Tourism Ministry has come up with several initiatives to boost rural tourism following the devastation of the sector faced in the aftermath of Covid-19. The ministry has organized “Dekho Apna Desh” webinars through which it hopes to rebuild trust of travellers following Covid-19. Ministry is also conducting aerial photography of the country’s cultural assets and key cities during lockdown and promote tourism in India through campaigns across digital platforms. In another initiatives, the ministry had identified the rural circuit as a thematic circuit for development under its “Swadesh Darshan Scheme”. The scheme aims to leverage tourism as a force multiplier to revitalize the rural economy. It also aims to provide tourists, a glimpse of the country’s rural aspects. Soon India will regain the industry of Travel and Tourism and we will have to adapt the new normal to support our tourism industry.



## PERESTROIKA IN ARCHITECTURE EDUCATION



Ar. Mona Chandra  
Ph.D. Research Scholar

**Traditional Order:** All cultures had their traditional systems of building using locally available resources. Building techniques evolved to make extreme climatic conditions bearable – whether that was extreme heat or extreme cold, extreme rainfall or drought, mudslides or marshes, earthquakes or cyclones. Building layouts reflected the local lifestyle and supported the local crafts.

**Sudden and Drastic Change:** With colonization everything changed. We started following a borrowed system of design, analysis and lifestyle. Modern materials replaced traditional ones. Architecture evolved to sell borrowed ideas of living. The architect became the source of design and style. Instead of just modernizing the traditional by replacing old materials with new, having predictable and calculable climatic response, we started building from an entirely new pallet.

**Highest Weightage to Design:** of the various subjects taught in architecture, design is the top subject and often faculty in many colleges are asked to pass a student in other subjects if (s)he is good in design. We are happy to have pretty buildings and attractive layouts at the cost of economical and technically evaluated solutions. Architects and Engineers are taught to be on a turf war on who is more important for a project. We need to revamp architecture education so that building design takes place in teams comprising of sociologists, engineers, architects, geographers, material experts and project managers to produce well rounded solutions for buildings suiting the local lifestyle.

**Visible Failure of Solutions Provided:** There have been many instances when government has provided one BHK, two BHK and three BHK units as part of earthquake or flood relief without consideration for local lifestyle. In Latur the said replacement ‘modern’ housing was unsuitable to the harsh summers with 45+ Celsius temperature, a rural lifestyle with cows and no electricity in that village. The concrete roof houses became very hot. There was no place for cows. The fans provided were of no use as there was no electricity, and the compact city houses were not suited to a rural lifestyle. With tight budgets and norms that do not recognize the traditional mud house with thatch roof as a ‘legal permanent structure’ the only acceptable solution central government agencies could provide was a city home.

**New Research on Building Materials and Building Technology:** Every year technology keeps producing new products, research on materials and climate response targets. The course in a way, keeps expanding. While the hours for architecture education is the same. It is therefore imperative to club subjects so that there is no replication of effort. Graphics as a subject could be eliminated and it could be taught as a process of producing building construction sheets. Climatology could come up not in the abstract but as a studio to solve the ongoing design project. Subjects would then need to be taught in modules so that inputs of history, culture and presentation techniques could all be integrated into the design process.

**Manipulating Space-The Bedrock of Design:** Design is intuitive and critique of design is intellectual. Swinging from one to the other can lead to better solutions. Building is all about space. Should not the first semester be focused on understanding and manipulation of space and spatial quality? The psychology of spaces? Learning the techniques of breaking space down visually and experientially? Becoming aware of the sequential experience while traversing space? This could then be used as a palette for later designs.

**Team Working Across Skill-Sets:** The world is changing very fast. Our architecture education is still majorly following the same syllabus and pedagogy since the past thirty+ years. Instead of working on a small project and solving it to the last detail including finishes, building time, building challenges, cost of construction and sundries, selection of fittings and fixtures (that can cause wide fluctuation in costing), making of tender and negotiating it, the prescribed syllabus focuses on more elaborate design problems each year with no time for detailing out the project. Colleges could provide access to intelligent digital material libraries where the student could feed in location details and the software could throw up options of material solutions for the different faces of the building with various solar and wind exposures. Students could type in location of project and the interface could throw up traditional houses and building techniques. The program could also indicate the specifications of modern material most suited for the area. In real life the time of the stand-alone architect is nearly gone. To be competitive and effective, architects must start working in specialist teams. And their education must equip them for it.

**Need For A Well-Researched Intelligent Database:** An immense data base needs to be created so that architecture education in India becomes more scientific and technically strong. The young practitioner should know how to solve a building completely. Government could fund this as well as provide a simple integrated computer software that includes drafting tools and technical data. We are currently at the cusp of immense change. And architecture education should transition into a more holistic solution driven course.





## PEDAGOGIES FOR THE NEW NORMAL



**Ar. Shraddha Mahore  
Manjrekar**  
Ph.D. Research Scholar

The process of teaching and learning have faced never before challenges with COVID 19 pandemics. All the students and teachers were affected. In these times, the very first challenge was to discover the methods to continue with the teaching and learning methods. The second challenge of academics was to get understanding of these tools, getting access of these and then to invest money in these tools, and then to get acclimatized with these newer communication tools with self-discovering mode for pedagogy was another challenge. The third and even more difficult challenge is being faced now, when the life is coming back to normal, and the process of teaching and learning must cover the loss that has happened during this period and bringing back the academic process with the new normal.

The challenge to the pedagogy of this new normal is to accommodate the physical and mental health issues of the students in academics. The sensitivity in the teachers towards children is must as they may not expect the same energy levels and enthusiasm towards learning after this traumatic period of COVID 19 pandemics.

The pedagogy of the new normal can connect the learning with the different experiences. The dialogues during student teacher interaction can relate these experiences with learning. The use of hands-on activities in the present-day context can be maximized now. The simple teaching aids can be developed that make process of teaching and learning more interesting. At times, these activities are time consuming activities and need efforts, but in this normal these can be best tools to bring back the students to the process of learning.

The pedagogy of the new normal highly demands for this sensitivity about diversity of students. There are few students who are comfortable in the group activities, whereas there are some students, who struggle with the event of being part of a group. There cannot be a blanket rule for all. In the new normal, the teachers must accept the fact that more than the syllabus teaching, the motivating the child for learning is more important. Motivation does not happen only through dialogues, but also with creating excitement towards learning. Learning can certainly be a joyful experience with fun activities. The new normal demands that creativity in the teaching, where teachers involve these activities, where students start enjoying learning. These

activities will help the process of teaching and learning for inculcating responsibilities towards learning.

The focus of pedagogy of the new normal must be towards redevelopment of the connect with the mentors and their friends at campus. The learning becomes easier with this connect. The teachers had worked extra to accommodate the online mode of learning and now again switching back to this new normal. In many cases the completion of syllabus is becoming a stressful event. This is the time to understand that teaching is not only about completion of the syllabus but about the holistic development. The losses happened in the completion of syllabus are easier to recover, but if the interest towards learning is lost, it will be a very big loss. Knowledge can be gained with the endless modes, but at the tender age, the connect with the teacher, mental ease of learning and physical fitness all together will help them in developing attitude towards learning, and the new normal does expect this change.





## HIGH-FIVE TO THE SCI-FI



**Ms. Asmita Ramesh**  
M. Planning 2021-2023

We must think not as individuals but as a species. – dialogue from movie, Interstellar.

This movie dialogue feels so relevant now, as the time we are living in is no less than a sci-fi genre, we have to believe that this is not just another episode of Black Mirror but a reality. With array of possibilities the world could ever end, Nuclear war, Artificial Intelligence, Alien invasion etc. being hit by Pandemic is no less scary. This isn't new for us, we have been through this, the world has witnessed dozens of pandemics, epidemics, the plagues, flues, viruses. Ebola and SARS were one the recent ones to invade us. With all the crisis we have faced back in the history, mankind has made it through. We, calling us upgraded, with the only thing we are upgrading regularly, being the phone apps. Covid-19 is the reality of today, and we got no time machine to undo our mistakes. And for that matter no Doreamon either. Vaccine is seen as the protagonist in today's era, but there is Architecture in the significant supporting role. With Architecture influencing all aspects of our living, where we reside, the commute to our workplace, our educational spaces, our cemetery, just everything, you tripped over the steps, blame it over the Architect! So, upgrading to new form of Architecture? Post-pandemic Architecture, no, but a Pandemic Architecture, as we know we are bound to hit by pandemics in the coming future, lockdowns may turn more frequently, and it's as if living with pathogens becoming a daily norm. The upgradation for health crisis has happened before, to name a few examples, as Modernist Architecture evolved after the break of Tuberculosis epidemic and the evolution of modern bathroom design in America after the spread of infectious diseases.

We certainly not in the near future heading to reside on a new planet. But there are few events we can foresee, there might turn up a new trend of countries switching to have the 'Pandemic Resistant Architecture' Tag as we have seen the race of countries get the tag of 'Nuclear Power Nation'. It's just like peer-pressure, and it works. Firstly, the countries with stable economies and then the countries with tourism-based economy will do so, to attract back tourists and gain back their industry. There might turn up revolts by the citizens asking the governments for safer environments to live in. Asking for additional byelaws for construction in the cities. We have seen the

environmental, the fire-safety, Floor Space Index rules and regulations and various other, we can surely anticipated new set of rules and regulations for the pandemic threat. And as the demand of 'Pandemic Resistant Architecture' would increase, large scale investments will be made, new age developers will start to attract the crowd selling their features, claiming them as integrated life-saving amenities. Fearing to die, large crowd pours in and promotes these developments. Pushing hard to make changes in existing scenarios of the densely populated cities with its blooming slums, for us Indians after a good long sessions of political blame game, after some communal riots. Change will be expected, first in the series of change being the public street signs, 'Do not shake hands or touch others', 'No socializing' being just few of them. Of course, the reverse migration to the rural area was on a very large scale. After the Covid-19 countries suddenly stopped welcoming the expatriate; city slickers not welcomed by the county-folks back to their native lands, but they would somehow slip in after numerous pleads. Many will even turn to the primitive age living away from the crowds. Urbanizations will surely take a step back. Some of the dynamic changes will occur in our lives after we choose to reside in these new age developments.

The New age architecture forming its base in mainly two parts that is emergency design and for living. Where the emergency design will encompass various city planning strategies, health care facilities, sanitary spaces, health monitoring spots and new age cemeteries. And on the other hand, the redesigning of the Living spaces, those are the homes, public spaces, schools, hotels. With the term 'Home' getting



Source: Author





totally redefined, that is with a new space emerging catering many functions into one. Homes were always a unit that protected us, primitive homes from weather conditions and falling prey to the animals, then homes turned fortified to save us from being attacked by other kingdoms, then turned up stacking humans in the high-rise residential towers to accommodate as many as possible, this phase we neglected the health. And now comes the era where we must protect ourselves from getting in contact with other humans. Homes of the future India, where living in high-rise apartment buildings is no more the norm of the day, after being forced into lockdowns on a long stretch in a balcony less, micro apartments became more frequent, the craving for open sky, fresh air, greenery turns more intense. We had it all, the courtyards, the backyard with kitchen garden, small veranda with a swing, a cow shed, terraces, when we were content with all that we had. The new age architecture of India will form its base on these values with a contemporary fix. The living room might be separated from rest of the house, would be more of a place where you get a good clean-up and then enter our house, this space would accommodate a bath area, wash basin, toilet, washing machine, and a closet for things you often take with you when you move outdoor. A nice spacious home, with video conference facility made mandatory for all. A human-less grocery and other delivery network system would be developed more than the auto-mobile roads. Crisis and health monitoring networks running all through the nations. Health would turn a priority, the humans who have evolved as social beings would have hard time spending in isolating, mental health problems will be on rise. The concept of adding a touch of games and playing with the community might be a solution. People will try to isolate as much as possible trying all ways to stay self-contained, suddenly its 9am you rush to make your child ready for school, make the kid wear the school uniform and make him sit in the video conference room. And you head to your office room. And at 5pm with all your family you are cycling on a stationary bicycle, that generates electricity for part of your consumption. 8pm, you prepare dinner of the spring onions you grew in your kitchen garden. 10pm, you play a game of monopoly with you relatives and friends over you tablets with a small family get together in over the video call. Rainwater harvesting, recycling wastewater, you have done that all. How much ever ugly the situation may seem now; this can only be resolved by bold and unprecedented ideas. The earth will heal itself, with all its flora fauna we just have to do our part. This Covid-19 when seen with an optimistic approach is not the end of the world, but just a Wakeup call for us all to act wise in this moment and in future. So, it's a high five to the New Life!

## INCLUSIVE PLANNING FOR A PURPOSEFUL URBAN FUTURE



**Ms. Nithya**  
M. Planning 2021-2023

Cities have felt the greatest impact of COVID-19, with 90 percent of the infections reported in urban areas. Some of the major impacts are: i) Increased need for Integrated governance strategies to improve resilience to shocks ii) Public infrastructure and services are inaccessible, highlighting the need for digitalisation of city operations in response to a crisis, although, in 2020, 759 million homes around the world lacked internet iii) An upsurge of digital payments and 77 percent year-on-year growth in e-commerce during 2020, affecting local economies iv) The lockdowns forced more people into the informal sector, lacking social safety nets v) The number of unemployed went up immediately, and the skills gap was revealed vi) A rise in social inequalities and racial tension due to remote working, as well as an increase in security risks. The pandemic has severely damaged global prosperity and was expected to push around 88 million new people into extreme poverty in 2020. Because of outdated urban planning policies, poor people were exposed to flood, violence, and mobility risks unequally. Moreover, social segregation in cities went even further; minorities are set apart in cities, and there is a need for greater equality in terms of gender, race, sexual orientation, and disability.

Historical disruptions have shaped cities worldwide and the current pandemic will do the same. Cities have been able to reimagine themselves for the better and achieve progress after each catastrophe. The 1755 Lisbon earthquake led to the birth of earthquake engineering. The cholera outbreak in London triggered the first public health policy on urban sanitation in 1848. The damage done by World War II reinforced the idea of a just and democratic model city for all its inhabitants, because of which, governments initiated massive housing and rebuilding programmes in devastated cities, with high-rise structures separated by green spaces. COVID-19 will be no different and will trigger a fightback for resilience, owing to the increase in unemployment and poverty, which damaged the global economy and our 'normal' ways of living. It creates an urgency for change to create a green, digital, and inclusive society. Seeing a moment of opportunity, institutions such as the World Economic Forum have proposed a Great Reset of capitalism whereas international organisations and policymakers are advocating for a 'green-focused' recovery, including integrated governance and inclusive planning.

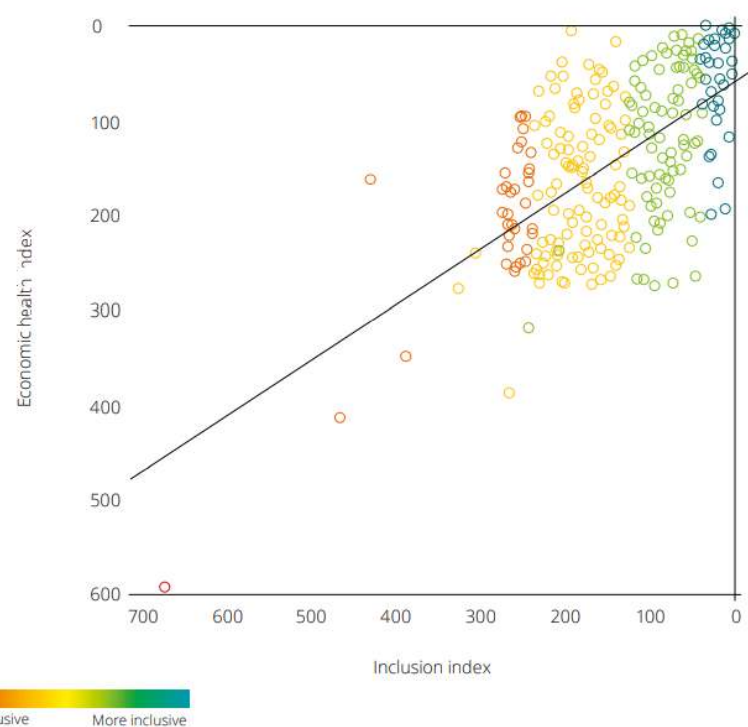




## Inclusive Services and Planning

The World Bank has identified three building blocks for future cities. One of the objectives in the UN's Sustainable Development Goals endorses spatial inclusion initiatives: "By 2030, ensure universal access to green and public places that are secure, inclusive, and accessible, particularly for women and children, the elderly, and people with disabilities."

Second building block is the social inclusion. Inclusive design could involve the construction of gender-inclusive urban centres to provide safe spaces for caregivers and the installation of wheelchair-accessible devices for persons with disabilities. It may imply creating greener and safer neighbourhoods for all residents and investing in happy and safe spaces for kids to play. It would include accessible locations for the elderly, making cities more appealing to the silver generation. It can further combat gentrification by providing an inclusive social care system that integrates migrants and provides them with customised services that suit their unique needs and circumstances and the same opportunities as others.



Source: Urban Institute, *Measuring inclusion in America's cities*, 2018

Thirdly, the economic inclusion. Technology and mass participation are necessary for accelerating the trend toward social inclusion. Governments may use digitalisation to improve access to a variety of services, accelerate business prospects, analyse societal gaps, educate big audiences, collect real-time data, promote data-driven decision-making, enable predictive and proactive governance, and engage a broader audience in social engagement.

Mass participation is the second catalyst for inclusion. Cities have traditionally been planned by mostly male architects from formal backgrounds since the Renaissance. Bringing diversity to the creative process is a critical measure to avoid inequalities and create inclusive and equity-centred cities by design.

The benefits of social inclusion for cities and citizens are (i) It enhances liveability and cohesion that ensures everyone can thrive (ii) Competitiveness and productivity in cities increase as there is more interaction between stakeholders and (iii) Resilience is enhanced.

## Cities that practice inclusive planning

### Medellín, Colombia

Two decades ago, Medellín's homicide rate was notorious, as were its economic inequality and social exclusion; in 2012, over 6,000 people were killed. With integrated planning efforts to improve connectivity, education, and public facilities, the city started to transform into an inclusive urban community focused on the poor. Initiatives such as Medellín Metro cable, the world's first cable car system for public transport, connected the city's poor neighbourhoods with the city centre, subways, and bus networks. Schools and libraries were built near cable carstations for accessibility. More recently, programmes such as free internet access zones and social co-creation practices have made Medellín a smart city.

### Quito, Ecuador

Sexual harassment on public transport was increasing at an alarming rate in Quito. In 2014, 81 per cent of women travellers reported being a victim of sexual violence in public. A campaign to fight sexual harassment was launched in 2017 as a social inclusion initiative- Bájale al Acoso, which provides an instant reporting system via SMS text messages for public transport bus systems. The result of the program is that in the first two years of implementation, 2800 cases of sexual harassment were reported, resulting in 73 prosecutions. Later, other cities replicated this method.

Taking lessons from these cities and understanding the relevance of inclusive planning, it can be said that if a city is liveable, sustainable, resilient, and competitive but not inclusive, something is fundamentally wrong. Inclusion is not a feel-good thing. It is the right thing to do; it is crucial to the economic survival of cities.





## GLIMPSES

*Campus life is all about creating memories and bonds that lasts for a lifetime. Sharing a glimpse of students and faculty cherishing 'Back to Studio' life.*



## BACK TO STUDIO : WORK REBEGINS...







## BACK TO LIFE: SMILE REBEGINS...



## BACK TO PROFESSION: WORK REBEGINS...







## MANY CONGRATULATIONS

*Happiness is multiplied when it is shared. So, let's multiply it.*



**Kaustubh**  
Son of **Ms. Kumud Dhanwantri**  
Assistant Professor  
[DoB-2nd January, 2022]



**Virat**  
Son of **Ms. Shashi Mehta**  
Assistant Professor  
[DoB-30th May, 2022]



**Mr. Nitish Kumar**  
Assistant Professor  
weds  
**Ms. Madhuri,**  
19th Nov 2021



**Ms. Shivani Shrotriya**  
(B.Arch. 2013-2018)  
weds  
**Mr. Shivang Pant**  
13th Dec. 2021



**Mr. Kumar Sai**  
(B.Plan. 2013-2017)  
weds  
**Ms. Honey Bhatt,**  
2nd Feb 2022



**Ms. Barkha**  
(B.Plan. 2013-2017)  
weds  
**Mr. Shubham Solanki**  
5th Feb 2022



**Mr. Avijit**  
(B.Arch. 2011-2016)  
weds  
**Ms. Priya**  
9th Feb 2022



**Ms. Nupur**  
(B.Arch. 2012-2017)  
weds  
**Mr. Rahul Tomar**  
5th Jan 2022





Mr. Rohit Joshi (M. Planning 2018-2020) weds Ms. Aarti Sharma on 13th Dec 2021



Ms. Aakanksha Agrawal (B.Arch. 2012-2017) weds Mr. Saksham Jain on 22nd April 2022



## VOICES



Pursuing my M.Plan. from Amity School of Architecture, Gurugram was a good experience for me. It's a great feeling to be a part of the Amity family. Faculty members are supportive and take the great initiative to inculcate knowledge and skills in us as students. They helped us in all aspects and kept the motivation high to perform well despite the unprecedented challenges faced by us and our family members due to Covid. Thanks for the support and I look forward to the Campus Placements.

**Ar. Vaishali**  
M. Planning 2020-2022



It was a very delightful and informative experience for me. Facing the pandemic was disastrous for everyone, and on the same page I was also confused about how Planning will course work in an online mode, but I was so blessed with such hardworking and knowledgeable teachers who were always ready to teach us the best. After visiting the studio for juries and classes it was very cherishable moments as well on campus with faculties and juniors. I will always say it was one of the best decisions of my life to pursue an M. Plan. from Amity University Haryana.

**Ar. Aakansha Goswami**  
M. Planning 2020-2022



I took admission at Amity, Gurgaon in 2020 and never thought that it would turn out in such a beautiful experience for me, which will be going to stay with me for a lifetime. I joined my studies after the long gap of eight years because I got stuck in my job and projects. Initially, I used to think that how it will work but it all turned out in the best possible way. I was the lucky one to get such supportive faculties and just understanding management who never made me feel, that I was in online mode. Everything was very well planned. Then the time came when I need to attend the last semester in offline mode, and it was even more wonderful experience than I expected earlier. The happiness to visit campus and meeting our teachers had no bounds. Getting live lectures, giving live juries everything was just picture-perfect for me. All I can say is that I am lucky to be a part of Amity, Gurugram through M. Planning.

**Ar. Kapil Balmiki**  
M. Planning 2020-2022





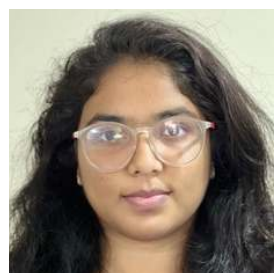
Being a student at Amity School of Architecture and Planning Gurugram inspires me a lot in every step. Initially, I was not in favor of taking admission due to online mode but my experience with online classes remained very good. All the faculties and staff were very supportive during my journey to M.Plan. Virtual seminars, webinars, workshops and interactive sessions enhanced my knowledge. When I got to know that offline classes are going to start that brought butterflies to my stomach because after so long, I will be going to college. But joining the college offline mode remained a perfect blend of joy and hardships. The joy of one-to-one learning and the hardships of travel. I met different people, interacted with them, and learned about their cultures and it groomed my personality too. My batch mates were also very supportive, especially in the thesis they helped me a lot. My overall experience was amazing, and I will cherish it throughout my life.

**Ar. Shahrukh Shah**  
M. Planning, 2020-2022



As the Covid-19 situation persisted I enrolled myself online at Amity University Haryana. Looking at the lush green campus's photos I was disheartened to think if I would ever get a chance to see this beautiful place in person. Fortunately, University resumed offline mode in 2022, and my wish came true when I started living in the hostel. After coming here, I experienced an enhanced learning environment where I am sharing a close bond with faculties and my classmates.

**Ar. Asmita Ramesh**  
M. Planning, 2021-2023



Talking about the studio of the second semester which was in offline mode, I really had a great time. I enjoyed and learned a lot during the field visit; be it going to various government offices for data collection, be our meeting with the District Town Planner, be it the group discussions with native people, or be it the visit to the whole city. The overall experience was very overwhelming and it reflected on our analysis sheets in juries. Looking forward to more such studio experiences.

**Ar. Mercia**  
M. Planning, 2021-2023



After coming back to the studios, I enjoyed the process of thorough learning in live case studies because of the efforts of the exemplary faculties during and post field visits. I acquired lots of experience with field study. Besides, I got my hands on software which a planner requires the most. I'm glad that I took the Master of Planning course at Amity University Haryana.

**Ms. Nithya**  
M. Planning, 2021-2023



There remained lots of offline studio experiences such as the field survey and public discussion on the local problems. This increased my interest to know more about the ground reality and the expectations of the people for whom we are planning. I learned software like QGIS, Arc GIS and After effects after coming back to the physical classroom. Unlike online, it was easy for us to learn many map-making skills offline. I attended many skill development workshops. I enjoyed class interactions and discussions the most throughout the semester.

**Mr. Ashwin Joe**  
M. Planning, 2021-2023



This is a really good experience for me coming back to the campus. Face-to-face interactions always subside the online way of learning. My experience in the studio remained far more indulging and getting together as a team with my classmates, interacting with faculties and clearing my doubts in person. This helped me in getting better output from field visits and replicating the same on my studio sheets.

**Mr. Hitesh**  
M. Planning, 2021-2023



Initially it was difficult for me to create my interest in planning but faculty supported not even me but my entire class and gradually evolved our interest in planning. Then, lockdown came and we experienced online teaching. In spite of the limitations faculty support was commendable in virtual mode also. Later, coming back to collage after the pandemic was like a breath of fresh air.

**Mr. Aman**  
B. Planning, 2018-2022





Many companies are partnered with Amity. Hence, Placements are good, students get good options for their first job. Teachers are supportive, helpful and qualified. Facilities in the hostel are very nice, there is a vending machine downstairs for snacks if student get hungry in the middle of the night. I enjoy College annual fests in which famous celebrities come to the campus. Various other events also take place regularly at Amity University, Gurugram.

**Mr. Abhinav Gulia**  
B. Planning, 2018-2022



Amity School of Architecture and Planning, Amity University Haryana provided me a great platform for learning and enriching my knowledge. It is a peaceful campus with diversified students and experienced faculty. Our faculty put in immense effort to guide us in theoretical, practical, aptitude and technical skills which help us to grow in our academic and professional life.

**Mr. Ganpati Prasad Gupta**  
B. Planning, 2019-2023



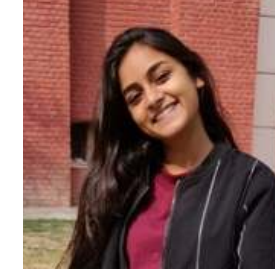
Life at Amity School of Architecture & Planning, Amity University – Gurgaon is a fantastic experience for me. I would say I enjoy here along with my studies. I made a lot of friends at campus. This place has greatly added to my persona.

**Mr. Amol**  
B. Planning, 2021-2025



My four years at Amity School of Architecture and Planning, Gurugram have been excellent so far and I am looking forward the same till I will pass from the institute. The school provided an enthusiastic environment to learn and equip with new skills. It gave a great platform to exhibit my talent and to become a self-confident person. The dynamic faculty members helped me in all aspects of learning and guided in all sorts of academics. I am happy and proud to be a part of the institution.

**Ms. Priyamvada**  
B. Arch., 2018-2023



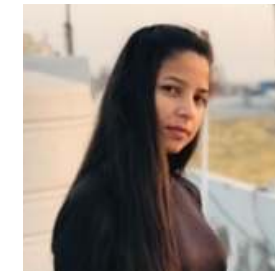
Amity School of Architecture & Planning, Amity University-Gurgaon is one of the most active colleges in Gurgaon. At Amity, we have huge number of extra-curricular activities that happen parallel to our studios. There are more than 10 clubs that conduct events, competitions, DG nights, social activities etc. that help you grow as an individual. You can also open your own club and grow as a team.

**Ms. Drishti**  
B. Arch., 2018-2023



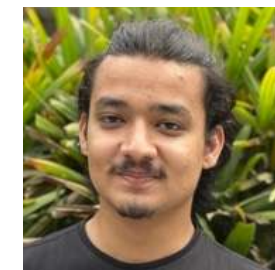
I appreciate Amity School of Architecture & Planning, Amity University-Gurgaon for giving ample facilities to the students. The faculty here organize hands-on workshops to reinforce the concepts taught in the class and to bridge the gap between classroom learning and practical world.

**Mr. Nisanth**  
B. Arch., 2019-2024



Amity University Gurgaon has a beautiful campus, located in the Aravalli Hills. There are nice arrangements for accommodation at hostel & PGs and multiple canteens. I enjoy the rigorous lectures provided by the faculty members.

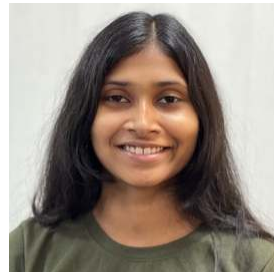
**Ms. Sonia**  
B. Arch., 2021-2026



Lockdown was totally a different experience. I got a lot of time to spend with my family and I learn to cook food. But after some certain period, it started to annoy. All day just staying at a place nothing to do much. And after lockdown I enjoy travelling out and enjoy my college.

**Mr. Shubham**  
B. Arch., 2021-2026





Learning during a pandemic is a unique experience to say the least. We were unable to socialize and make connections. There was an increased feeling of isolation and loneliness. After the lockdown when offline mode started there seemed to be a big difference between online and offline mode as offline study was more practical and poor network connection didn't interrupt the lectures. To study and meet in person is way better than a muted mic.

**Ms. Palak**  
B. Arch., 2021-2026



Amity University Haryana provides a platform not only for intensive professional development but also for our personal development. Indeed, it was my best decision to join the Amity School of Architecture and Planning, Gurugram.

**Mr. Rohit Joshi**  
Planning Assistant  
Municipal Corporation Gurugram  
(M. Planning 2018-2020)



My learning experience at Amity School of Architecture & Planning was very memorable. I got dynamic perspective about different arenas of planning and had opportunities of inducing critical thinking while handling the real time planning problems in studio exercises. The school gave me the best of campus life, faculty and the opportunity to explore and develop my own skill sets.

**Mr. Jinson Abraham**  
Founder, Studio Sketch, Mumbai  
(M. Planning 2018-2020)



Amity School of Architecture and Planning, Gurugram transformed me from a rolling mind in a circumference of lots of doubts and queries into a trained research oriented scholar. Faculties helped me to find out and further work upon my potentials. The insights gained from here will surely shape my tomorrow as well.

**Mr. Shivendu Kumar**  
Urban Planner  
Manpar Icon Technologies, Lucknow  
(B. Planning 2016-2020)



When I joined Amity School of Architecture & Planning at Amity University Haryana, I was filled with aspirations of dreams and success in life. The school gave me appropriate exposure to develop my entrepreneur skills while having the in-depth knowledge of planning projects and skills to handle the whole project during planning studios and the criticalities in the theoretical process. The school not only shaped my intellect with the professional skills but also induced the entrepreneur skills and thus I'm able to excel my own company, the Slam Venture.

**Mr. Ajay Sudharshan**  
Founder, Slam Venture, Coimbatore, Tamil Nadu  
(B. Planning 2016-2020)



Amity university is such a place with peaceful environment, diversified students and experienced faculties where a students get an opportunity to learn and expose their skills of interests.

**Mr. Yash Pratap Singh**  
Project Associate - Electric Mobility, Sustainable Cities and Transport | WRI India  
(B. Planning 2014-2018)



Best placement in 2013-2017 batch with excellent faculty support. In the final year, 100% of students got placed in reputed companies like PwC, EY, Amazon, Dell, etc, and joined as Research Scientists in IIT Kharagpur, IIT Roorkee, and SPAs. Amity University Haryana also has a lively atmosphere with fests and sports events every year. There are International students also so there is a huge mix of cultural exchange at the campus. I always wanted to be an Urban Planner and studying at Amity School of Architecture and Planning, Gurgaon opened a huge platform for me. With the guidance of all the professors, I was able to get a GATE scholarship for pursuing post-graduate studies.

**Ms. Namrata Ghosh**  
Research Scholar, IIM Ahmedabad  
(B. Planning 2013-2017)



The school has given me all the opportunity to fly my wings to new heights, be it challenges I faced during my professional growth or the opportunities to get into professional world. The school supported me in every thick and thin. I am what I am because of where I've come from.

**Ar. Saloni Jain**  
Academic Writer – Architecture  
Paperpedia, Gurugram  
(B. Arch. 2017-22)





At Amity School of Architecture & Planning (ASAP), Amity University, Haryana, students not only get to learn theoretical part of the subjects but also how they can put their knowledge into practical scenario. ASAP academic life is more towards developing and nurturing entrepreneurial and practical skills. This is made possible by giving students a full field exposure by conducting workshops, seminars, field trips etc. I would like to thank the college and faculty for providing more exposure to practical skills, which helped us to get an insight of our industry and helped in polishing our skills.

**Ar. Mayur Goel**  
Executive Architect, Samridhi Group, New Delhi  
(B. Arch. 2017-22)



It seems like yesterday when I first came to ASAP (Amity School of Architecture & Planning, Amity University, Haryana). Each day was filled with surprises and learning. These five years that I lived in ASAP with my best friends and amazing faculty are unforgettable. I will always be grateful to the college and the memories I made there.

**Ar. Pragya Nagar**  
Practicing Conservation Architect  
New Delhi and Agra  
(B. Arch. 2013-18)



It is during my education in ASAP that I learnt about things from a different perspective. The faculty were always there when I needed help and guided me in achieving my goals. The courses were hands on approach, and they really made me understand the concepts from core to advanced level. I will always cherish my days in Amity School of Architecture & Planning, Amity University, Haryana.

**Ar. Ankit Sharma**  
Director, Architect Ankit Sharma Private Limited  
Gurugram (B. Arch. 2014-19)



My time at ASAP, Amity University Haryana laid the foundation for who I am today, both personally and professionally. My vision, creativity, problem solving abilities and confidence was all formed during my time at ASAP.

**Ar. Ritambhara Rawat**  
Practicing Architect  
Set Designer & Dresser, Film Industry, Mumbai  
(B. Arch. 2014-19)

## ALUMNI PLACED-IN






## AMITY SCHOOL OF ARCHITECTURE AND PLANNING GURUGRAM



Amity School of Architecture and Planning is committed towards developing ardent future architects and planners for more than past one decade. The school's efforts in striving towards excellence got a boost recently when it's B. Planning and M. Planning (Urban and Regional) courses got recognition from Institute of Town Planners India (ITPI). The school is amongst very few private universities in North India to get this recognition. Moreover, recently the Department of Rural Development, Govt. of Arunachal Pradesh has identified Amity School of Architecture and Planning, Gurugram as a Mentor Institute for preparation of Spatial Plan for Central Sponsor Scheme viz. Shyama Prasad Mukherji Rurban clusters of Arunachal Pradesh. Besides, the Ph.D. Programme is rigorous at our institute and four Ph.D. degrees have been awarded so far to candidates from all over India. At present fifteen Ph.D. scholars are pursuing their doctoral research at Amity School of Architecture and Planning, Gurugram. The school is known for competent research driven faculty and excellent infrastructure. Hosted in Platinum Rated green campus, environment sustainability is at the center of all educational endeavours. The green buildings offer a perfect case study and motivation to all the university students for being more responsible global citizens. The school encourages and supports innovation by facilitating the development of novel ideas from students and faculty. The school aims at overall development of students through exposure to latest technical advances, interdisciplinary studies, training in foreign language, behaviour skills, student exchange and many such initiatives. We are proud on our alumni who are holding vital positions in organizations across India and abroad.

## DISTINGUISHED FACULTY



**Dr. Ila Gupta**  
Director  
Amity School of Architecture  
and Planning  
*Research Areas:*  
Disaster Risk Management,  
Sustainable Urban Development,  
Socio-economic resilience



**Dr. Pallavi Sharma**  
Professor, ASAP  
Coordinator Ph.D. and B.Arch.  
*Research Areas:*  
Sustainable Rural Planning  
and Architecture



**Dr. Doreshor Khwairakpam**  
Asso. Prof., ASAP  
*Research Areas:*  
Urban and Regional Planning,  
Smart City,  
Urban Governance and  
Urban Reforms



**Dr. Shashi Mehta**  
Asst. Professor, ASAP  
*Research Areas:*  
Urban and Regional Planning,  
Natural Resource Management,  
Community Planning and  
Smart Cities



**Ms. Kumud Dhanwantri**  
Asst. Prof., ASAP & Coordinator  
M. Planning  
*Research Areas:*  
Urban and Regional Planning,  
Environmental Law Policies  
and Governance



**Mr. Nitish Kumar**  
Asst. Prof., ASAP &  
Coordinator, B.Planning  
*Research Areas:*  
Urban Infrastructure  
(focusing transportation  
sector)



**Ms. Harneet Kaur**  
Asst. Professor, ASAP  
*Research Areas:*  
Urban and Regional Planning,  
Geospatial Applications,  
Indigenous Community Planning  
and Social Town Planning





**Ar. Meghna Vij**  
Asst. Professor, ASAP  
*Research Areas:*  
Hospital Planning and  
Guidelines



**Ar. Geetika Verma**  
Asst. Professor, ASAP  
*Research Areas:*  
Construction Management,  
Architecture Design, Urban and  
Regional Planning, Waste Mgmt.,  
Community Sustainability



**Ar. Meenu Babu**  
Asst. Professor, ASAP  
*Research Areas:*  
Sustainable community,  
History of Architecture



**Ar. Dilip Kushwaha**  
Asst. Professor, ASAP  
*Research Areas:*  
Integrated Urban  
Water Management



**Ar. Raghav Agrawal**  
Asst. Professor, ASAP  
*Research Areas:*  
Architectural Graphics,  
Working drawings,  
Digital Architecture



**Ar. Rahul Mehta**  
Asst. Professor, ASID  
& Coordinator Interior Design  
*Research Areas:*  
Interior Design, Construction,  
Building Materials, Green Buildings,  
Sustainable Design



**Ar. Swati Sharma**  
Asst. Professor, ASID  
*Research Areas:*  
Climate responsive design,  
Sustainable development,  
Green Architecture, Urban  
planning and governance

## ALLIED ESTEEMED FACULTY



**Dr. Kushagra Rajendra**  
HoD and Asso. Prof., ASEES  
*Research Areas:*  
Wetlands, Economic and Policy  
Prospects of Environmental  
Conservation, Pollution Control,  
Climate Change & Sustainability



**Dr. Shaili Srivastava**  
Asso. Professor, ASEES  
*Research Areas:*  
Environmental Biotechnology,  
Waste Water treatment,  
Carbon Sequestration Mechanism  
And Biomaterial Production,  
Solid Waste Management,  
Environmental Toxicology



**Mr. Siddharth P. Bettajewargi**  
Asst. Prof., ASAP  
*Research Areas:*  
Fine Arts  
Sculpture with Paper machete



**Dr. Tanvi Gupta**  
Asst. Professor, ASET  
*Research Areas:*  
Transportation Engineering  
and Planning,  
Building Construction



**Ms. Sakshi Gupta**  
Asst. Professor, ASET  
*Research Areas:*  
Construction Technology &  
Management,  
Structural Engineering





## ADMINISTRATIVE AND OTHER SUPPORT STAFF



**Mrs. Pinki Sapra**  
Personal Secretary,  
ASAP



**Mr. B. P. Singh**  
Asst. Librarian,  
ASAP



**Mr. Manohar**  
Office Executive,  
ASAP



**Mr. Abhishek Rai**  
Lab Assistant (Computer lab),  
ASAP



**Mr. Chandan**  
Carpenter,  
ASAP



**Mr. Satish**  
Department Helper,  
ASAP



**AMITY SCHOOL OF  
ARCHITECTURE & PLANNING**

**GURUGRAM**

ARCHITECTURE & PLANNING PROGRAMMES

ADMISSIONS  
OPEN 2022



THE AMITY ADVANTAGE	PROGRAMS OFFERED
<ul style="list-style-type: none"> <li>LEED LAB (Leadership in Energy and Environmental Design- Lab) on campus in collaboration with USGBC (United States Green Building Council) and GBCI (Green Building Certification Inc.)</li> <li>World class infrastructure includes Surveying Lab, Model making, Carpentry Lab, Materials Museum, Construction Yard, Structural Engineering Lab, GIS Lab, Computer Lab with latest software</li> <li>Educational Tours and Industrial Visits as part of curriculum</li> <li>Student Exchange Programmes in national and international universities</li> <li>Industry Connect- Opportunity to work on real-life projects as part of curriculum</li> <li>Interdisciplinary Learning- eminent experts from allied fields in the university</li> <li>Excellent performance by students in national competitions like NASA, ZONASA and NoSPLAN</li> <li>Placement and Incubation support</li> <li>Opportunity to work on important development projects funded by Govt. of India.</li> <li>Cutting edge curriculum with courses like AI, AR/VR, BIM</li> <li>Alumini placed in national and international organizations</li> </ul>	<ul style="list-style-type: none"> <li>Bachelor of Architecture</li> <li>Bachelor of Planning</li> <li>Master of Planning (Urban and Regional)</li> <li>Ph.D in Planning</li> </ul>
RECOGNIZED BY	
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>UNIVERSITY GRANT COMMISSION</p> </div> <div style="text-align: center;">  <p>COUNCIL OF ARCHITECTURE</p> </div> <div style="text-align: center;">  <p>INSTITUTE OF TOWN PLANNERS INDIA</p> </div> </div>	

For more details contact

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Amity University Haryana, Office: 0124-2337015/4201

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Amity University Haryana, Mob: +91 8882253226, email: hkaur3@ggn.amity.edu

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