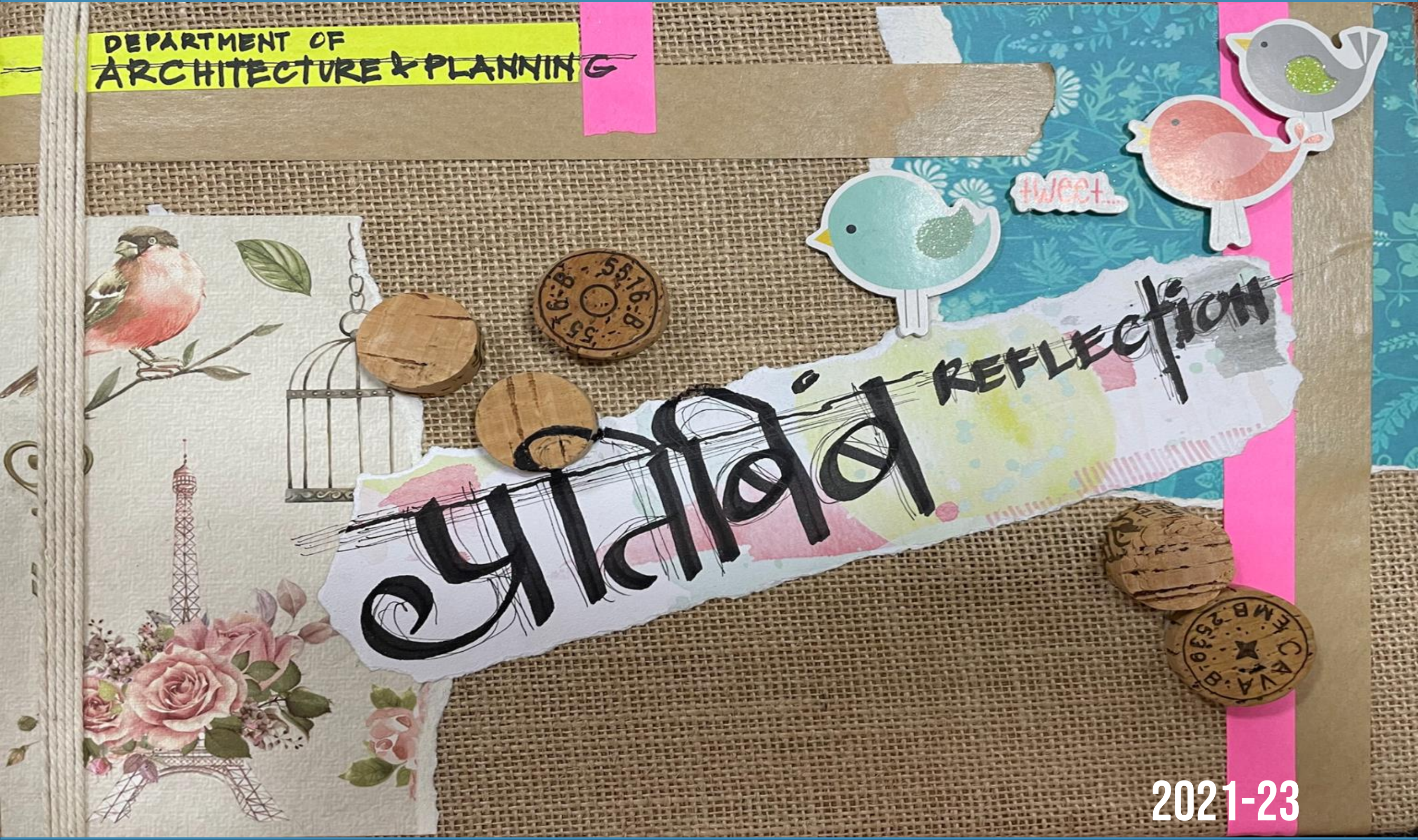


INDIRA GANDHI DELHI TECHNICAL UNIVERSITY
FOR WOMEN, DELHI-06



DEPARTMENT OF ARCHITECTURE & PLANNING



2021-23

INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN



INTRODUCTION

Established by the Govt. NCT of Delhi in May, 2013 vide Delhi Act 09 of 2012, as a non-affiliating University, Indira Gandhi Delhi Technical University for Women (IGDTUW) promote studies, research, technology, innovation, incubation and extension work in emerging areas of professional education among women, with focus on engineering, technology, applied sciences, architecture and its allied areas with the objective to achieve excellence in these and related fields.

Indira Gandhi Delhi Technical University for Women is one of the prestigious and top emerging engineering, technology and architecture, all women government university in Asia under NCT of Delhi. The devouring stride of Indira Gandhi Delhi Technical University for Women (IGDTUW) since its inception in 1998 as Indira Gandhi institute of Technology (IGIT), has been exemplary, culminating in transforming itself into an icon for women empowerment.





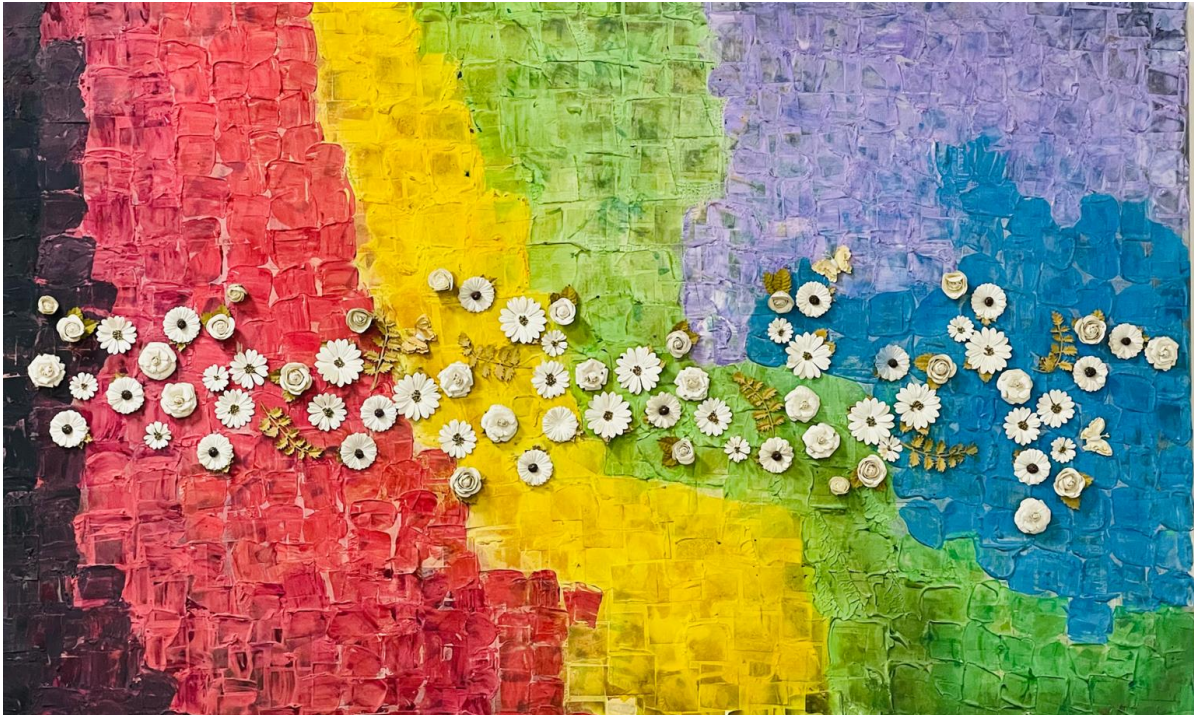
ABOUT US

VISION

Development of the individual girl as a responsible member of peaceful, pluralist and inclusive society by learning to explore and practicing quality, sustainable form of architecture.

MISSION

The Department of Architecture and Planning in IGDTUW aspires to be the leading voice for excellence in the field of Architecture and Planning in our country, demonstrating how design enhances the quality of life, while addressing important issues of society through responsible architecture. The department aspires to become a distinguished center of architectural thought, research, learning, innovation, capacity building and scholarly inquiry aiming towards becoming a globally recognized Department and University.



OBJECTIVES

To provide architectural education to empower students to become protagonist of positive change by exploring, learning and practicing a sustainable and inclusive form of architecture.

To develop the capacity of the women students to practice architecture which is humane and sustainable by developing understanding of life

Sustainability which encompasses not just environmental variables but also socially- economically- culturally responsive architecture. how peace and inclusion can be fostered in society through domains of architecture and planning.

To foster innovation and creativity through promotion of holistic learning environment, a flexible and distinctive pedagogy that leverages use of latest technology, hands on activities in the form of field visits, peer learning, etc. while instils a notion of lifelong learning.

To promote a learning environment that welcomes and honors women from diverse cultures for involving themselves in intellectual inquisitiveness, explore knowledge dimensions for future application in industry, profession and life

To shape student's mind into thoughtful and responsible individuals who are effectively able to tackle the challenges of the profession and create ecosystems which enhance the quality of life.

The Department has a remarkable Infrastructure with well-lit Classrooms, Design Studios, well-equipped Labs in Climatology, Surveying and Levelling, and a Computer Centre with latest software tools. The teaching pedagogy involves indoor and outdoor teaching, academic tours and industrial visits, hands-on working and learning experience in the departmental workshops for carpentry and metal, model making and also a construction yard. The Library is well equipped with latest books and journals and has access to e-learning resources. There is also a material museum which houses various industrial materials for a visual learning experience. The campus is Wi-Fi-enabled and under constant CCTV surveillance.

The teaching environment in the Department is known for discovering extraordinary ideas and extraordinary people. The courses are designed to promote capacity building and knowledge sharing hence the curriculum of the Department is comprehensive and integrated across relevant subjects. IGDTUW believe in interdisciplinary learning so that students can opt for various electives across the engineering branches also.

The Department is known for breaking new grounds and generating unexpected outcomes. The faculty is constantly available in the campus for iterative academic growth and overall development of students. Students are encouraged to discover new ways of thinking and problem solving. Students are encouraged to participate in extracurricular activities and societies pertaining to cultural and alternate skill development programs. Time management exercises and team leadership qualities are also promoted through the open teaching environment. The department believes that the field of Architecture & planning can generate real and productive changes in the world.

ESTABLISHED 2015

The Department of Architecture and Planning started in 2015 as a step towards social equity and gender parity in technical professions, having a vision that architectural education should empower students to become protagonists of positive change by exploring, learning and practicing a sustainable form of architecture. Architectural education must, besides imparting knowledge, also endeavor to create opportunities for students to engage with real life issues, so that they can reflect on their role in creating a better world. Further, it is also important that students are empowered to make informed choices, which are more life-sustaining.

- BACHELOR OF ARCHITECTURE (5 YEARS)
- MASTER OF PLANNING : URBAN PLANNING (2 YEARS)
- PH.D. PROGRAM COMMENCING FROM SESSION 2022-23

ORGANIZATION	YEAR
43rd ALL INDIA RANK OUT OF 850+ ARCHITECTURE COLLEGES IN INDIA	2022
22nd ALL INDIA RANK IN GOVERNMENT ARCHITECTURE COLLEGES	2022
3RD RANK IN DELHI	2022
22nd in IIRF Ranking	2022
161 NIRF Ranking	2021

Since 2012 Vol. IX Issue 10 January, 2022 RNI No. DE/ENG/2012/45970
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SURVEY & RESEARCH MACTION CONSULTING

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DISCIPLINE SURVEY
LAW, ARCHITECTURE & DESIGN

COURSES ASSESSED
UG & PG COURSES

PARAMETERS

- EMPLOYABILITY
- TEACHING LEARNING RESOURCES
- FACULTY
- INFRASTRUCTURE
- PROJECTS AND CASE STUDY
- INNOVATION

FOR METHODOLOGY
 VISIT
www.iirfranking.com

All India Rank * (Survey & Perspective Based)	Name of Architecture College	City	State	Employability	Teaching Learning Resources	Faculty	Infrastructure	Projects and Case Study	Innovation	Weighted Index Score (out of 100)
18	Jawaharlal Nehru Architecture and Fine Arts	Hyderabad	Telangana	66.6	59.8	61.2	72.8	58.0	78.8	64.92
19	Department of Architecture, National Institute of Technology - Patna	Patna	Bihar	63.0	70.0	61.6	59.8	56.8	79.8	64.67
20	Department of Architecture, Town and Regional Planning, IIST - Shibpur	Shibpur	West Bengal	63.6	60.0	59.4	72.8	68.8	68.2	63.98
21	School of Architecture and Planning, Anna University	Chennai	Tamil Nadu	61.0	63.8	59.2	69.8	60.0	70.0	63.21
22	Department of Architecture, Indira Gandhi Delhi Technical University for Women	Delhi	Delhi	59.4	62.6	59.0	74.6	56.0	68.4	62.76
23	Department of Architecture and Planning, Malaviya National Institute of Technology	Jaipur	Rajasthan	62.6	59.6	61.6	71.8	55.8	65.2	62.67
24	Department of Architecture, National Institute of Technology	Raipur	Chhattisgarh	58.0	60.0	59.0	72.6	60.8	73.8	62.22
25	Department of Architecture, Rajiv Gandhi Institute of Technology	Kottayam	Kerala	62.2	59.6	60.0	63.6	57.3	74.8	61.81
26	Department of Architecture, Thiagarajar College of Engineering	Madurai	Tamil Nadu	59.4	63.6	58.0	70.0	56.0	60.0	61.53
27	APJ Abdul Kalam Technological University	Thiruvananthapuram	Kerala	59.2	59.2	65.0	62.9	56.6	66.6	61.23
28	Maharaja Sayaji Rao University of Baroda	Vadodra	Gujarat	60.8	57.6	59.0	69.0	57.6	64.0	60.84
29	AAERT & SSB Faculty of Architecture, Sarvajani College of Engineering & Technology	Surat	Gujarat	61.8	61.8	59.0	62.0	57.0	60.0	60.76

RANKING

COURSE CURRICULUM & PEDAGOGY (CBCS 2019)

The curriculum aims at the development of the individual girl as a responsible member of a peaceful, pluralist and inclusive society by learning to explore and practicing quality, sustainable forms of architecture. The Course focus is on convergence in every semester. The culmination of all learnings and applications from all theory subjects into the studio and practical subjects provide cross subject learning and understanding of building design on a holistic approach. The academic tours per batch are also planned as per the course curriculum for the semester.

To prepare students for the industry, as well as bridge the gap between theory and practice, many practicing architects teach practical based subjects like Architectural design, building construction etc. Many lecture series, workshops and company presentations are organised in the department for student interface.

ACADEMICS

The pedagogy of the department focuses on a variety of subjects to make the learning process more holistic and wholesome. The subjects enhance a student's knowledge and training periods and application-based subjects make the students more self-reliant.

STUDIO SUBJECTS:

- Architectural Design
- Building Materials and Construction Technology
- Women and Sustainable Development
- Housing Design
- Urban Design

THEORY SUBJECTS:

- History of Architecture
- Structures
- Climatology
- Theory of Design
- Building Services
- Specification, Quantities and Estimation
- Settlement Design
- Sociology and Psychology in Architecture
- Introduction to Landscape Architecture
- Town Planning
- Project Management
- Professional Practice

PRACTICAL SUBJECTS:

- Architectural graphics
- Art Appreciation
- Architectural Workshop
- Surveying and Leveling Techniques
- Computer Aided Design Techniques
- Research Methodology
- Emerging Phenomenon and Architecture
- Strategic Design Thinking
- Disaster Management
- Urban Issues

APPLICATION OF COURSE

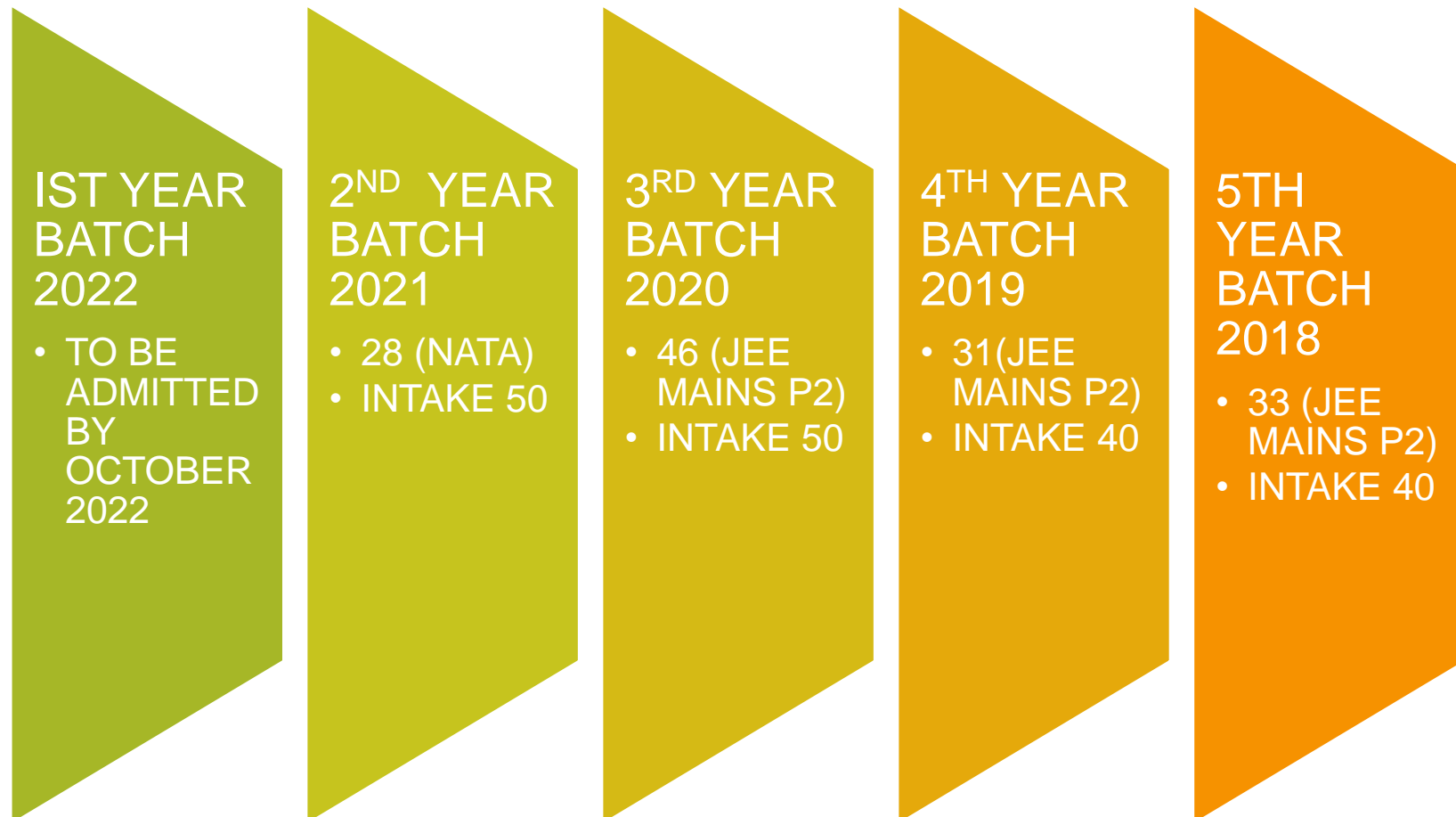
- Seminar
- Internship training
- Dissertation
- Architectural Thesis



BOARD OF STUDIES - DAP

1. Prof . Manoj Mathur, Professor, Department of Architecture, SPA, New Delhi – Chairperson
2. Ar. Kalpana Pandit, Associate Professor, Department of Architecture and Planning, MNIT, Jaipur
3. Ar. Deepika Gandhi, Associate Professor, Chandigarh College of Architecture, Chandigarh
4. Ar. Vijay Matange, Practicing Architect, Vinyas Architects, New Delhi
5. Dr. Rashmi Ashtt, HOD and Professor, DAP, IGDTUW, Delhi
6. Ar. Preeti Chauhan, Associate Professor, DAP, IGDTUW, Delhi
7. Ar. Vishal Rai, Associate Professor, DAP, IGDTUW, Delhi
8. Dr. Monali Wankar, Associate Professor, DAP, IGDTUW, Delhi
9. Ar. Jahnabi Kalita, Assistant Professor, DAP, IGDTUW, Delhi
10. Ar. Kshitij Kumar Sinha, Assistant Professor, DAP, IGDTUW, Delhi

PRESENT BATCH STRENGTH (B.ARCH)



8th Meeting of Board of Studies for B.Arch. program offered by Department of Architecture and Planning, IGDTUW, Kashmere Gate, Delhi held in blended (online & offline) mode on 20th May 2022

AGENDA:

8.01 To consider and recommend the syllabus of 04 th year (07 th and 08 th semester) of B.Arch program (5 years degree course) under Choice Based Credit System (CBCS)

8.02 To consider and recommend the commencement of PhD program in Department of architecture and Planning from session 2022-23

8.03 To consider and recommend inclusion of Prof. (Dr.) Rashmi Ashtt, Professor, DAP and Ar. Monali Wankar, Associate professor, DAP in the BoS committee as Internal Members. 7

INFRASTRUCTURE

For smooth functioning of any department, it is necessary to build state-of-the-art infrastructure facilities to students for conducting of classes. In a space of approximately 2000 sqft, the Department of Architecture and Planning is situated on the ground floor of administration block, third floor of computer block and part sharing of workshops like carpentry and model making with mechanical and automation engineering block. The campus of IGDTUW spread over an area of 16.8 acres honours Faculty of engineering and Faculty of Architecture sharing many common facilities like library, computer center, canteen, medical facility, examination department, academics, administration etc. The department of Architecture and planning is a fully air-conditioned department with not just lecture rooms but also well-equipped labs that enables students to obtain deep, hands on, experimental and modern academic learning

RECENT DEVELOPMENTS IN INFRASTRUCTURE AND PLANNING AT IGDTUW UNIVERSITY CAMPUS

NEW CAMPUS AT NARELA P1

- FROM 16.8 ACRES SHARED WITH AUD
- TO 50 ACRES OF INDEPENDENT CAMPUS

STUDENT INTAKE

- FROM 2000 APPROXIMATELY
- TO 5000 APPROXIMATELY

INFRASTRUCTURE

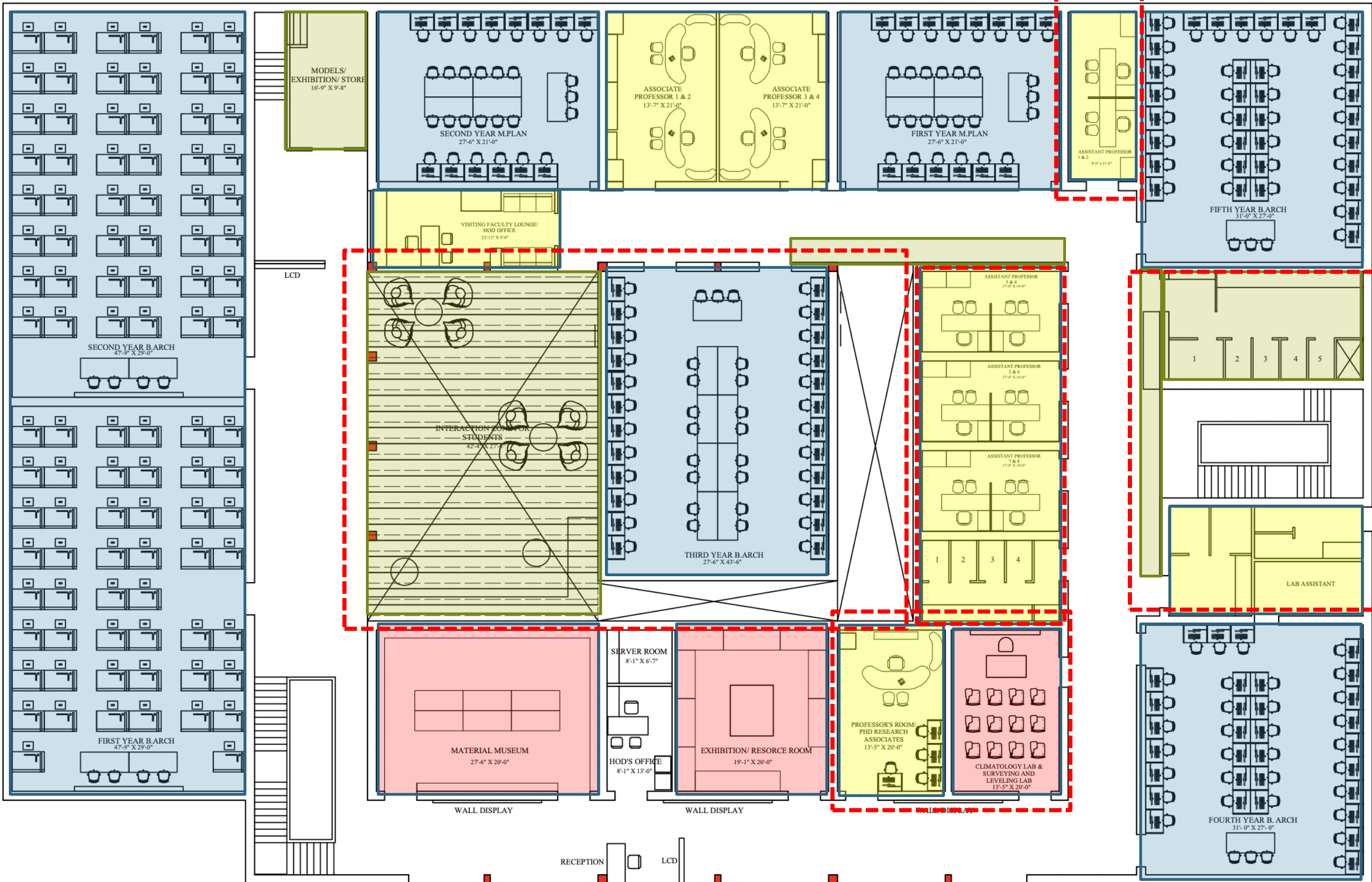
- FROM FRAGMENTED DEPARTMENT AT THREE LOCATIONS ADMIN BLOCK, WS1 AND COMPUTER BLOCK
- TO CONSOLIDATED LOCATION GROUND FLOOR ADMINISTRATION

STUDENT INTAKE IN DAP

- FROM 40 INTAKE SINCE 2015
- TO 50 INTAKE (INCLUDING 25% EWS SEATS) CBCS SYSTEM SINCE 2019

INFRASTRUCTURE DEVELOPMENT (UNDER STATE OF THE ART DEVELOPMENT PROPOSAL STAGE

- CAD LAB TRANSFORMED TO 4TH YEAR STUDIO - LAB HOURS SHARED WITH CENTRAL COMPUTER CENTER
- DEVELOPMENT OF NEW FIRST YEAR STUDIO IN CENTRAL QUADRANGLE- BATCH TO JOIN IN SEPTEMBER END POST ADMISSIONS. - ONE MAE STUDIO RESERVED FOR FIRST YEAR BATCH
- DEVELOPMENT OF MORE FACULTY SPACES, VISITING FACULTY LOUNGES, IDEA CLUBS ETC. IN THE DEPARTMENT- PROPOSAL STAGE
- DEVELOPMENT OF STUDENT RECREATION SPACE, MODEL MAKING SPACE, STUDENT LOCKERS AND STUDENT RECORD STORAGE SPACES- PROPOSAL STAGE



- STUDIOS & LECTURE SPACES
- FACULTY & OFFICE SPACES
- LABS & MUSEUM
- STUDENT FACILITIES
- NEW PROPOSAL

STUDIOS & LECTURE SPACE: AREA APPROXIMATELY 900.0 SQMT.

The studios are unique spaces pertaining to architectural studies where the students learn the process of design and the related supporting subjects. This is a hands-on learning space where faculties interact with students one on one basis for design conceptualization, thinking and evaluation and comprehensive planning of design projects. All practical and studio classes are held here.

In the department, the studios are well equipped with drafting tables, parallel bars, drafting stools, blackboards and whiteboards, overhead projectors and digital podia which make the teaching learning process wholesome and of high quality. There are four large studios of 130.0 sqmt. each, and a medium one of 80 sqmt equipped with adequate computer points to assist students in using their laptops. Some drafting and discussion tables are also provided for discussion of projects on large plotted sheets. The one on one teaching technique helps students to comprehend the design thinking ability in a more integrated manner hence it is important that the layout of the studios is work and discussion friendly.

The studios also have display areas for student work and ongoing subject lesson plans for close monitoring of student work by faculties across the wide range of subjects taught at core, allied and elective level.

All theory classes are held in two main lecture rooms having an area of approximately 60.0 sqmt of space and are air-conditioned and well equipped with digital equipment, projectors and optimum furniture. The lecture rooms are used by all seven batches of the department learning various courses. The time-tables are meticulously planned and various information for students is displayed at many places across the department on student notice boards and softboards placed in studios and lecture rooms. All lecture rooms have well equipped softboard walls for panel juries of projects at intermittent levels during the semester for overall critique and display.

FACULTY AND ADMINISTRATIVE SPACE

The Department has well established faculty seating spaces with areas as per the Council of Architecture norms. Presently, regular faculties have separate rooms well equipped for academic and administrative purposes with furniture, digital aid and storage space. Students are assessible for discussions on projects beyond their academic hours to enhance student interaction, coordination, counselling and mentoring for beyond academic works also. The regular faculty is available round the clock to help students through all academic, co-curricular activities, holding exhibitions or competitions, research and Entrepreneurship avenues.

The Department has on panel eminent Visiting faculties from the field for industry interface and education at bachelors and master's level to bridge the gap between theory and practice and cope up with the latest trends and techniques, materials and equipment ideated annually in the building construction industry. The Department has an Air-conditioned Visiting faculty Lounge equipped with a hot-case, electric kettle and tea station and drinking water facility. The visiting lounge has discussion tables to enable the faculties for evaluation of student work, cross learning of pedagogical techniques and social interaction.

There is a Departmental office with adequate staff to cater to all academic and administrative works. There are separate toilet facilities for faculty (male and female officer's toilets) and student's toilets with an especially abled toilet facility in the premises.



COMPUTER LAB: AREA APPROXIMATELY 78 SQMT.

Computer aided design lab is an essential component of Architectural Education. It is equipped with twenty latest computers (20 HP 406G1, CORE 17,500GB HARD DISC, 4GB RAM, HP 18.5 LED Monitor), eight computers for staff, an A1 printer with scanner and LAN Connectivity on each workstation. All computers are equipped with Windows 8 pro operating system, Autodesk 2017 user licence, Revit 2017 user licence and Microsoft office. These tool help the students in two and three dimensional visualisation of Buildings, documentation work, presentation techniques and Graphic skills. Autocad is a drafting tool that helps in producing drawings as per project proposals. It is a faster and easy to use replacement for drafting boards in studios. Revit is an advanced drafting tool. The knowledge of software tools enhance the students creativity and makes them industry ready as most architectural consultancy firms work on Computer Aided Design Softwares.

The CAD Lab has 20 state-of-the-art computers with latest versions of software and operating system to develop skills of students in 2D drafting and 3D modelling. The lab also has softwares to assist students in climatic analysis of building designs, modelling, designing and editing software like AutoCAD, Revit, GIS Mapping etc. The University has received a grant from the Department of Science and Technology under which the department has procured high quality equipment like 3-D printer, to support research and academic activities in the department.



NOW A SHARED FACILITY with 50 High end computers

SURVEY LAB: AREA APPROXIMATELY 20 SQMT.

Understanding the site is the integral part of Architectural Design process. Only through understanding the site and the context properly can the students develop a design which uses the site features and site topography in a way that the resources available are used in the most optimal and sustainable manner. Hence the Department is endeavouring to provide a good skill set to the students in conducting the survey, analysing the data and assimilating the information gathered in the design problem in the design studios.

At present, the survey lab has chain tape survey set, total station, prismatic compass, theodolite, plane table, GPS, Measuring tapes etc. The advanced sophisticated equipment like Total Station is under process of procurement. The Survey Lab provides the students insight to work hands on with equipment, their use and application in site analysis.

Survey lab is well equipped with various surveying instruments which are also regularly used for off-campus survey of the sites on which design problems are based in order to develop analytical skills of students.

Carpentry, Metal Cutting workshop: Area approximately 100sqmt.

Department of Architecture and Planning has a state of art carpentry and metal cutting workshop. The premise is shared with Department Of Mechanical And Automation Engineering. The basic carpentry tools like hand Saw, working tables, Hexa blades, Pincers, chisels, engineering trisquare, steel scales, marketing guage, dividers, bevel edge, energy stone, cross pin hammer, drill bit set, fret saw blades and frames, hack saw blades and frames, hand drill machine, spirit level, and safety equipment is presently available. Advanced machinery for the same is under the process of procurement.

This workshop entitles the students to a hands-on learning resource of construction techniques using wood, metal, lamination, joinery and fixing techniques. This knowledge is integral in design of various architectural elements like roofing, doors and window designs, staircase, flooring etc. An in depth understanding of the same can make the students appreciate the intricacies of details and also help in developing working details which are geared towards responsible consumption of material. The workshop is well equipped and students are regularly given demonstrations of various joinery and construction details.

Foundry and Clay Modelling Workshop: Area approximately 56 sqmt

Department of Architecture and Planning has a Foundry and Clay Modelling workshop. The premise is shared with Department Of Mechanical And Automation Engineering. This is a start up workshop and has basic modelling tools like moulding box, rammer steel, shovel, moulding sand, drawing board with sunmica top, karni, pipe, plastic stool, bucket, sand rammer and assorted patterns. The students learn model making techniques for visual presentation of their design studio projects.

This workshop entitles the students to a hands-on learning resource of flexible materials like clay, plaster of Paris, syrofoam and hard modelling materials like balsa wood, photographic mount boards and plastic modelling sheets.



MATERIAL MUSEUM: AREA APPROXIMATELY 56 SQMT.

Department of Architecture and Planning has a state of art Material Museum of around 40 square meter of space. The museum has display of building construction materials used for both interior and exterior use in the building. The display includes materials available in the construction market for flooring, roofing, false ceiling, panelling, furniture, sanitary ware, electrical fixtures, doors, windows, cladding and façade materials etc.

The knowledge of Building materials is an important aspect of Architectural learning. The information of latest building materials and construction techniques help the students to understand the aspects of ambience, façade development, space utility and material planning. The Department has a well-stocked material museum, to expose students to various dimensional and behavioural properties of materials, and also challenges of their use and installation on site.

Climatology Lab: Area approximately 20 sqmt.

In keeping with the vision of the Department, climatic studies are an integral part of the design studios. Climatic information of the place is an important parameter applied in the design of buildings. Hence climatology forms an important part of the curriculum of the B.Arch. programme. To meet the quality of standard and conduct experiments as per curriculum of B.Arch., Climatology Lab with modern instruments is being setup in the Department of Architecture and Planning. Basic tools and equipments have been obtained in order to facilitate understanding and importance of climatology in the Architectural Design Process and the lab shall be upgraded soon

The Department has established a climatology lab and is in the process of upgrading it as well. The tools of lab are extensively used for climatic analysis of both existing and new to-be constructed buildings, so that bio climatic comfort can be created in a cost-effective way using passive design methods.

RESOURCE ROOM: AREA APPROXIMATELY 60 SQMT.

Department of Architecture and Planning has a start up resource room with basic tools like brick kits for beginners. The resource room teaches students about all building systems like structural skeleton of the building, plumbing layouts, electrical layouts, water supply and drainage systems etc. The knowledge of integrated and coordinated know-how of all the systems working under the envelope of building infrastructure is part of the resource room learning. Documentation like CBRI papers, journals, other architectural reference resources, documentaries and toolkits shall also be part of resource room. A resource room has also been established in the Department having various resources in both print and model form.

SHARED FACILITIES IN IGDTUW UNIVERSITY CAMPUS

CENTRAL LIBRARY: LEARNING RESOUCES: AREA APPROXIMATELY 800 SQMT.

The Library has a very rich collection of print as well as electronic books and journals satisfying the information needs of the students, staff and faculty. The Faculty continues to enhance the library resources and infrastructure in the university. Students can avail state-of-the-art computing facilities along with other devices, sufficient bandwidth so as to have uninterrupted connectivity and content delivery.

To further supplement virtual lecture facility is deployed by providing high speed data networks.

Many faculties act as subject experts to prepare the video lectures. In this regard, the university is likely to setup IGDTUW studio where recording of video lectures could be done so that the students across the country can be benefitted.

The Faculty is constantly working to enrich the content sharing and collaboration in research and development activities in house and through National Knowledge Network (NKN) to share across all higher education institutions to provide access of the high-quality content to all the students.

SPORTS AND RECREATIONAL FACILITIES

IGDTUW has introduced new sports and recreation facilities. Students launched their own Sports club in 2009 as an endeavour to refresh minds of students and inculcate spirit of sportsmanship among them.

Synergy Sports Club is the first sports society of IGDTUW. It has been set up to provide entertainment to students, faculty members and staff members around the year. Sports equipments are provided any time of day to increase the participation among girls for sports and games. Not only sports are provided by this Club but also leisure activities are organized for students and staff. The Club is in its starting phase and yearning for more participation among students as well as faculty. We organize events for students on regular basis to motivate them to participate in extra-curricular activities.

"We encourage students to play and extirpate their stress and also help them enjoy their leisure time."

RESIDENTIAL FACILITIES IN THE CAMPUS

The Present University campus has two women hostels - Krishna Hostel and Kaveri Hostel , to accommodate approximately 300 students. These two hostels are located in the University campus. These hostels provide a safe, secure and clean environment for the students to grow, learn and mature in the society away from their own homes. The hostel authorities always facilitate to create an environment for the students to study, do well in their academics and focus on their career and future. All rooms are on twin/triple sharing basis and are equipped with individual beds, chairs, built-in cupboards and study tables.

Hostel has a co-operative mess system which is run on a "No Profit No Loss" basis supervised by the members of the Mess Committee of the Student Council. The Hostel mess provides a balanced diet at reasonable rates. Purified drinking water (RO systems), housekeeping services, Wi-Fi facility, news paper/Magazines, Refrigerators, induction heaters, Microwave ovens, Washing machines, facilities of hot water for residents, paid laundry services and Gym and indoor sports facilities are also available for hostel residents. The Common Room is fairly well equipped with LCD TV and fully AC, Guest rooms, Reading room etc.

TRAINING AND PLACEMENT CELL

The Training and Placement Cell facilitates the campus placement program at IGDTUW. The cell comprises of highly energetic and dynamic team of students and faculty members. The team is consistently striving to enhance the quality and quantity of the placements in the university. Various seminars are being organized on regular basis for the development of the students to improve their communication skills and their personality.

The University T&P Cell facilitates multiple job offers to the eligible students of IGDTUW year after year. During the recruitment drive around 52 companies visited the campus. To name a few prestigious companies like Microsoft, Adobe, Cisco, SAP Labs, Oracle, Qualcomm, Mahindra & Mahindra, images, Cognizant, Aricent, Tata Consultancy Services, Yamaha Motors, Hindustan Unilever, IBM India visit IGDTUW campus for placements and internships

REPROGRAPHIC SECTION

The university has a well-equipped reprographic section with plotting, printing and binding facilities for students to compile their projects for various assignments designated to them. The round the clock kiosk also houses photo copying and printing facility for books.

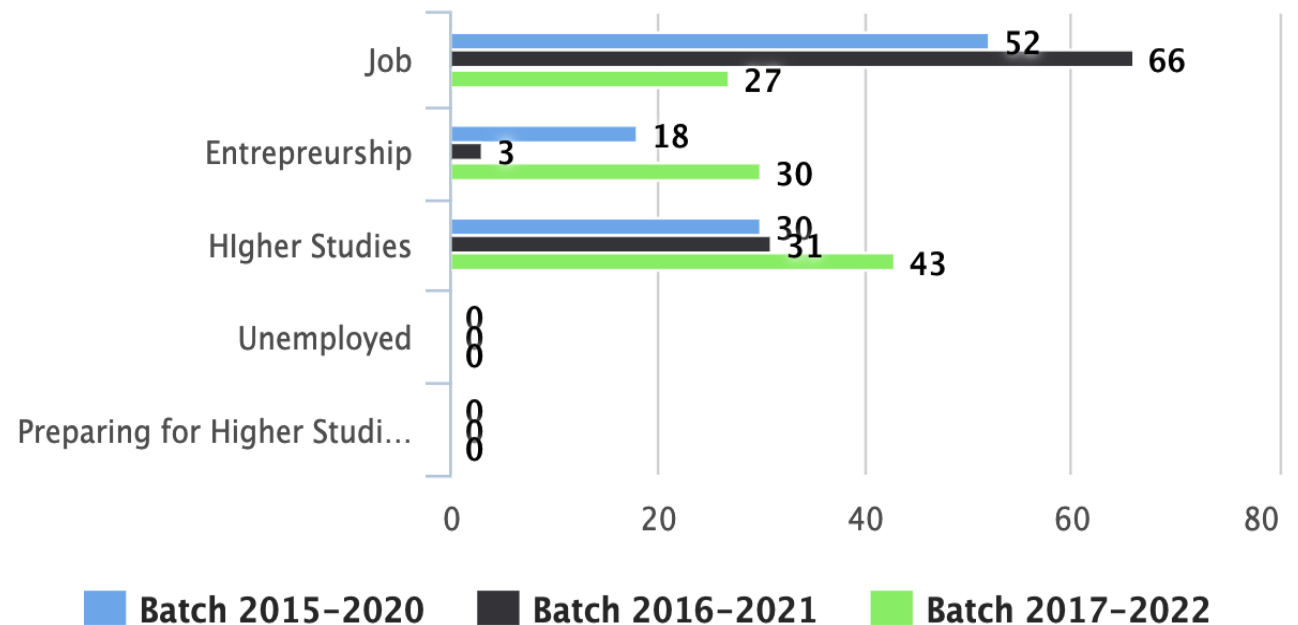
CANTEEN KIOSKS

The University has two dry cafeterias to provide round the clock beverages, dry eatables and snacks to students, Faculties, Administrators and staff of the University. One kiosk is established by Nescafe company that provides certified food products, hygienically prepared and packed.

MEDICAL FACILITY

There is a well- equipped medical facility with a certified nurse running it. It is equipped with two bed spaces, an office and consultation chamber for on call doctors if needed. There is a round the clock ambulance to cater to emergency cases with collaboration with three major nearby hospitals.

B.Arch Placement, Entrepreneurship and higher studies statistics



STUDENT LABS



CAD LAB

Computer aided design lab is an essential component of Architectural Education. It is equipped with twenty latest computers.



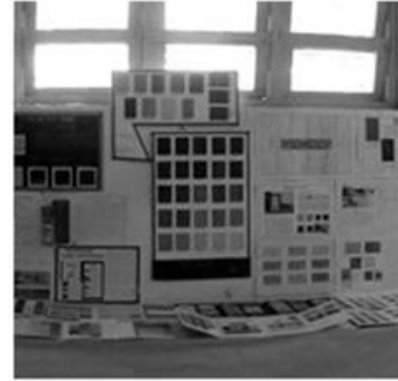
MATERIAL MUSEUM

The museum has display of building construction materials used for both interior and exterior use in the building.



SURVEY LAB

At present, the survey lab has chain tape survey set, total station, prismatic compass, theodolite, plane table, GPS, Measuring tapes etc.



CLIMATOLOGY LAB

Climatology Lab with modern instruments is being setup in the Department of Architecture and Planning.



CARPENTRY AND METAL CUTTING WORKSHOP

This workshop entitles the students to a hands-on learning resource of construction techniques.



RESOURCE ROOM

The resource room teaches students about all building systems like structural skeleton of the building etc.



FOUNDRY AND CLAY MODELLING WORKSHOP

The students learn model making techniques for visual presentation of their design studio projects.

Even though the department of architecture is a nascent department of IGDTUW, however, owing to the University commitment for the quality education in all disciplines, the various labs and workshops in the Department have been set up in a short span of time.

**FACULTY & STAFF &
STUDENT ACADEMIC BODY**

The Department has highly qualified faculty members who are licensed architects by the Council of Architecture and Registered planners with ITPI and post graduates from eminent universities like IIT, SPA, CEPT and LSBU, London, in diverse fields like master of architecture, landscape architecture, urban planning, construction management, industrial design, healthcare planning etc. Besides regular faculty, the Department also has outstanding and experienced visiting faculty. Besides proven academic credentials, the young and dynamic Faculty is also actively engaged in research in diverse fields including sustainable architecture, sustainable urban development, healthcare architecture, architectural pedagogy, human computer interface, advanced construction management, energy efficient design and user centric inclusive built environments. All the Faculty members have rich field experience too and have been involved in building projects at pan Indian level. The faculty has authored books, which have been published by premier organizations like UNICEF and World Bank. The papers written by Faculty are regularly published in architectural journals and various reputed conference proceedings.

FOUNDER FACULTIES 2016

MAY 2016

Dr. Preeti Vajpeyi- Associate Professor (Deputation)
Ar. Preeti Chauhan- Associate Professor (Regular)
Ar. Jahnabi Kalita- Assistant Professor (Contractual since inception in 2015)

OCT 2016

Ar. Vishal Rai- Associate Professor
Ar. Sneha Maji-Assistant Professor
Ar. Venus Kashyap-Assistant Professor
Ar. Jahnabi Kalita- Assistant Professor
Ar. Kshitij Kr. Sinha-Assistant Professor

REGULAR

7

NEWLY RECRUITED FACULTIES 2022

MAY 2022

Dr. Rashmi Ashtt- Professor
Ar. Monali Wankar- Associate Professor

REGULAR

AUG 2022

Ar. Jai Prakash - Assistant Professor
Ar. Rupesh Kumar -Assistant Professor

REGULAR

YET TO JOIN

4

SUPPORT STAFF

Ms. Priyanka Khokkhar- Assistant to HoD
Mr. Kittu- Attendant

2

FROM HOD'S DESK ...



At the drop of an autumn leaf

' she thought it was over and was about to cry, when a small light within her shone bright and clear. she saw and understood, that the autumn leaf has left footprints for the new fresh green leaf, opening its eyes to a new sun from the womb of a nurturing stem.'

Dr. Rashmi Ashtt is Head of Department of Architecture & Planning. She is an Architect planner with a Bachelors degree in Architecture from Indian Institute of Architecture(IIA), a Masters degree in Urban Planning from School of Planning & Architecture, Delhi, and an Doctorate in Philosophy in Architecture & Planning from School of Planning & Architecture, Delhi.

Architecture is a multidisciplinary and versatile field which awakens the latent creativity of an individual so is to appreciate aesthetics, functionality and techniques involved in a built creation. Sharing the same platform it also gives an understanding of socio economic dynamics for overall urban development. It infuses philosophies that can change the art of living. Architecture as a profession today offers a numerous opportunities to today's youth to achieve success and satisfaction in life. Architecture requires a team of specialized professionals with the Architects being one of many, although his immense creativity and technological skills can proliferate environment, sustainability and cyber technology to create a building like living organism which is capable of identifying and addressing its needs. Architecture is a very satisfactory and noble profession, contribute into the development of Nation, safety of environment and giving dignity to the professionals involved.

Indira Gandhi Delhi Technical University for Women, Department of Architecture & Planning, prepare the student to achieve excellence in the field of architecture by imparting student the holistic education and knowledge. DAP further looks forwards to create a learning atmosphere and provide resources and dynamic career opportunities to the students. School has its focus, to groom, the students into confident professionals, so that they can face the challenges in Architectural Design & Technology and create marvels.

I wish all a very bright future.

Her Motto: ' Persist, Don't just exist'

HOD – Head of Department

Prof.(Dr.) Rashmi Ashtt
Professor, DAP
Dy. Dean Student Welfare

Areas of Expertise

Infrastructure Planning,
Governance in Heritage Areas,
Gender sensitive and Inclusive
cities and regions, Transit
oriented development, Smart
cities, Pedagogy in Architecture
and Planning

Educational Details (Bachelor, Master, Phd)

Ph.D. (SPA Delhi),
M.Plan.(SPA, Delhi),
B.Arch IIA



Faculty of Architecture & Planning



Ar. Preeti Chauhan

Associate Professor

AREAS OF EXPERTISE

Healthcare Planning and Design, Evidence Based Design Techniques, Therapeutic Environmental Design in Hospitals, Product and Furniture Design, Sustainable Architecture, Town Planning, Interpersonal and Presentation skills

EDUCATIONAL DETAILS: M.Sc. from London South Bank University, London, M.Plan Town Planning from ITPI, New Delhi), B.Arch from (GCA), Lucknow, UP



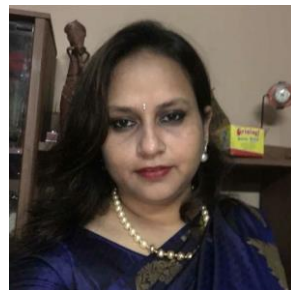
Ar. Vishal Rai

Associate professor

AREAS OF EXPERTISE

Sustainable Urban development, Transport and Land Use Planning.

EDUCATIONAL DETAILS: M. Plan. (SPA, Delhi), B.Arch. (MNIT, Jaipur)



Ar. Monali Wankar

Associate professor

AREAS OF EXPERTISE

Conservation of Built Heritage, Corporate Social Responsibility as funding mechanism in Heritage Sector, Vernacular Architecture

EDUCATIONAL DETAILS: Ph.D (Jamia Milia Islamia, Delhi), M.Arch (SPA, Delhi), B.Arch (VNIT, Nagpur)



Ar. Rupesh Kumar

Assistant professor

AREAS OF EXPERTISE

Improving Social-Behavioural Pattern Through Landscape Architecture and Design, Climatology and Environmental Studies, Building Materials & Construction Technology, Solar Passive Design Techniques, Slum Rehabilitation.

EDUCATIONAL DETAILS (BACHELOR, MASTER) M.Arch (Landscape Architecture), B.Arch



Ar. Jahnabi Kalita

Assistant professor

AREAS OF EXPERTISE

Landscape Architecture

Master of Landscape Architecture (CEPT University, Ahmedabad) B.Arch. (RTM Nagpur University)



Ar. Kshitij Kumar Sinha

Assistant professor

AREAS OF EXPERTISE

Advanced Construction Management, Real Estate Management, Design Management, Project Coordination

PG in Advanced Construction Management (ACM) from National Institute of Construction Management & Research (NICMAR), Pune; B.Arch (MITS), Gwalior



Ar. Sneha Maji

Assistant professor

AREAS OF EXPERTISE

Energy efficient Building Design, Sustainable Urban Development, Biophilic design, Responsive Architecture

M.Des in Industrial Design (Indian Institute of Technology, Delhi), B.Arch (SPA Delhi)



Ar. Venus Kashyap

Assistant professor

AREAS OF EXPERTISE

Energy efficient Building Design, Sustainable Urban Development, Biophilic design, Responsive Architecture

M.Arch. from Indian Institute of Technology Roorkee, B.Arch. from Chandigarh College of Architecture



Ar. Jai Prakash

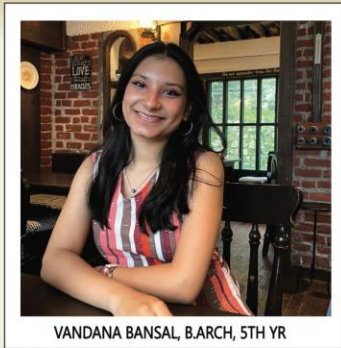
Assistant professor

AREAS OF EXPERTISE

Sustainable Architecture, Building-integrated photovoltaics, Net Zero Energy Building, Lighting and Day lighting.

EDUCATIONAL DETAILS (BACHELOR, MASTER, Ph.d) Pursuing PhD. from NIT Hamirpur, M. Arch. (Sustainable Architecture) from NIT Hamirpur, B. Arch from SPA Vijayawada.

STUDENT ADMINISTRATIVE BODY



VANDANA BANSAL, B.ARCH, 5TH YR

PRESIDENT



ANUSHKA VERMA, B.ARCH, 4TH YR

VICE PRESIDENT



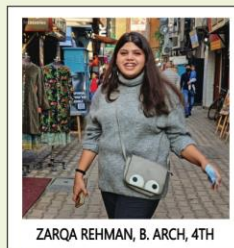
FARIA CHOUDHRY, B.ARCH, 5TH YR

TREASURER



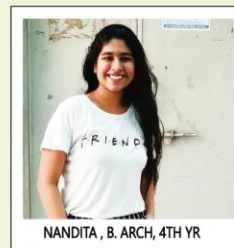
PRANATI, B. ARCH, 5TH YR

GENERAL SECRETARY



ZARQA REHMAN, B. ARCH, 4TH

JOINT SECRETARY

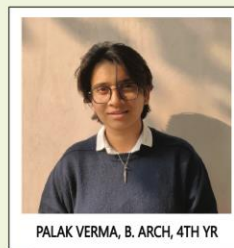


NANDITA, B. ARCH, 4TH YR

HEAD COORDINATORS



CHANCHAL SONI, B. ARCH, 4TH YR



PALAK VERMA, B. ARCH, 4TH YR

EXHIBITION/ EVENT COORDINATOR



KAJAL PRAJAPATI, B. ARCH, 4TH YR

COMPETITION COORDINATOR



SONA GUSAIN, B. ARCH, 4TH YR

COURSE COORDINATOR- B. ARCH

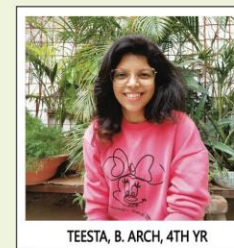


MANJUSHA BHARTI, M. PLAN, 2ND YR

COURSE COORDINATOR- M. PLAN



SHRUTI KALGAONKAR, B. ARCH, 4TH YR



TEESTA, B. ARCH, 4TH YR



MISHTI MADAN, B. ARCH, 4TH YR



KUSUM JAREDA, B. ARCH, 4TH YR



SHREYA JAIN, B. ARCH, 4TH YR



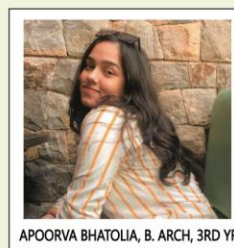
RICHA KUMARI, B. ARCH, 4TH YR

TRAINING AND PLACEMENT CELL COORDINATORS



MANSIDAQUE KAUR, B. ARCH, 3RD YR

NASA COORDINATOR



APOORVA BHATOLIA, B. ARCH, 3RD YR

VIDEOGRAPHY COORDINATOR



GURPRIYA SINGH, B. ARCH, 3RD YR

DESIGN COORDINATOR

INTRODUCED FROM SESSION 2022-23
ESTABLISHING THE CONCEPT OF A
DEPARTMENT OF THE STUDENTS, FOR
THE STUDENTS AND BY THE STUDENTS.

- HOLISTIC DEVELOPMENT
- OWNERSHIP OF DEPARTMENT
- DECISION MAKING POWERS
- INDUSTRY READINESS
- INTERPERSONAL SKILL DEVELOPMENT

EXHIBITION/ SUB EVENT COORDINATOR

RIYA GOEL, B. ARCH, 3RD YR & JAHANVI SEHGAL, B. ARCH, 3RD YR

COMPETITION SUB COORDINATORS

MEGHA SINGH, B. ARCH, 3RD YR & ISHIKA KUMAR, B. ARCH, 2ND YR

TRAINING AND PLACEMENT CELL SUB COORDINATORS

VARSHA VATS, B. ARCH, 3RD YR & NANDINI GUPTA, B. ARCH, 3RD YR

CLASS REPRESENTATIVES

SECOND YEAR- VANSHIKA TYAGI & RECHAL RAJPUT

THIRD YEAR- APOORVA BHATOLIA, RAMYA GUPTA & RUCHIKA PANJA

FOURTH YEAR- ANUSHKA VERMA & NANDITA CHELLARAMANI

FIFTH YEAR- PRANATI GABRIELLA KUMAR

AWARDS & ACCOLADES



Cristy Malik



Bhavya



Rishita Mohan

Class of 2022-2027



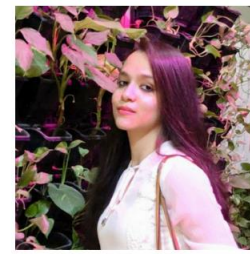
Priya Singhal



Pragya Salhan



Shreyata Khurana



Varishtha



Bhoomika Singh



Parul Kargeti



Bhumika Arora

CLASS OF 2018- 2023

CLASS OF 2015- 2020 (GRADUATED IN 2020)



Harsha Devalakshmi



Mahima Jain



Deepansha Tyagi



Chanchal Soni



Supreena Dash



Kanishka Pal

CLASS OF 2019 - 2024

CLASS OF 2016- 2021 (GRADUATED IN 2021)



Titiksha Mishra



Gurpriya Singh



Preeti Rawat

CLASS OF 2020 - 2025



Tulsi Bhardwaj

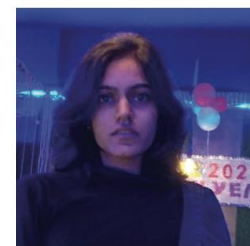


Supreet Kaur



Bhavya Jain

CLASS OF 2017- 2022 (GRADUATED IN 202)



Kriti Kumari



Shreya Singh



Tanya Kumar

CLASS OF 2021 - 2026

STUDENTS

M.PLAN ACHIEVEMENTS (2019-2021)

POOJA THAREJA (108142019):

GATE Scholar (cleared in 2019)

AYUSHI BIRLA (908142019):

IIT Bombay - ISRO - AICTE's - MAPATHON

"Notable Participant"

(Result announced in MARCH 2021)

M.PLAN ACHIEVEMENTS (2020-2022)

JYOTI MEENA (308142020) :

1. GATE Scholar (cleared in 2020)

2. Winner of Street for People for Jhansi by MoHUA and NIUA

RAGHVI GOEL (808142020) :

1. GATE Scholar (cleared in 2020),

2. Elite+Silver Medal for Ecology and Environment in NPTEL by IIT Madras

M.PLAN ACHIEVEMENTS (2021-2023)

AKANKSHA BHARDWAJ (108142021) :

1. GATE Scholar (cleared in 2021)

2. Elite+Gold Medal for Climate Responsive Built Environment in NPTEL by IIT Roorkee

3. Winner in National Level English Speech organised by IGDTUW 2022

4. Runner up in Pitch Desk in the Social Innovation Category & English Speech at IGDTUW in 2022

MANI TRIPATHI (508142021) :

1. GATE Scholar (cleared in 2021)

2. Elite+Silver Medal for Developing soft skills and personality in NPTEL by IIT Kanpur

KIRTI KUMARI (308142021) :

1. GATE Scholar (cleared in 2021)

2. Elite+Silver Medal for Sustainability through green manufacturing systems in NPTEL by IIT Kanpur

RITU SINGH (808142021) :

1. GATE Scholar (cleared in 2021)

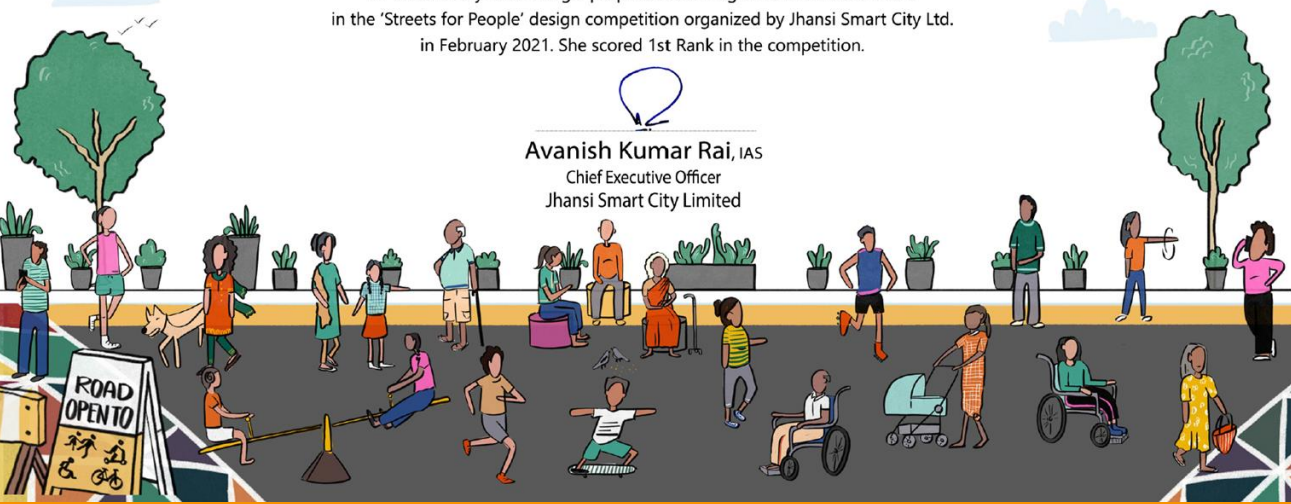
2. Elite+Silver Medal for Developing soft skills and personality in NPTEL by IIT Kanpur

Certificate of Appreciation

presented to
JYOTI MEENA

for successfully submitting a proposal to reimagine the streets of Jhansi in the 'Streets for People' design competition organized by Jhansi Smart City Ltd. in February 2021. She scored 1st Rank in the competition.

Avanish Kumar Rai, IAS
Chief Executive Officer
Jhansi Smart City Limited



AR. JYOTI MEENA
M.Plan (Urban Planning),
(2019 BATCH)

B.Arch. (2015 BATCH)
(308142020) :

- GATE Scholar (cleared in 2020)
- Winner of Street for People for Jhansi by MoHUA and NIUA
- Founder member of society Antargat.

ज्योति ने बनाया सुरक्षित और सुन्दर सड़क का सबसे अच्छा डिजाइन



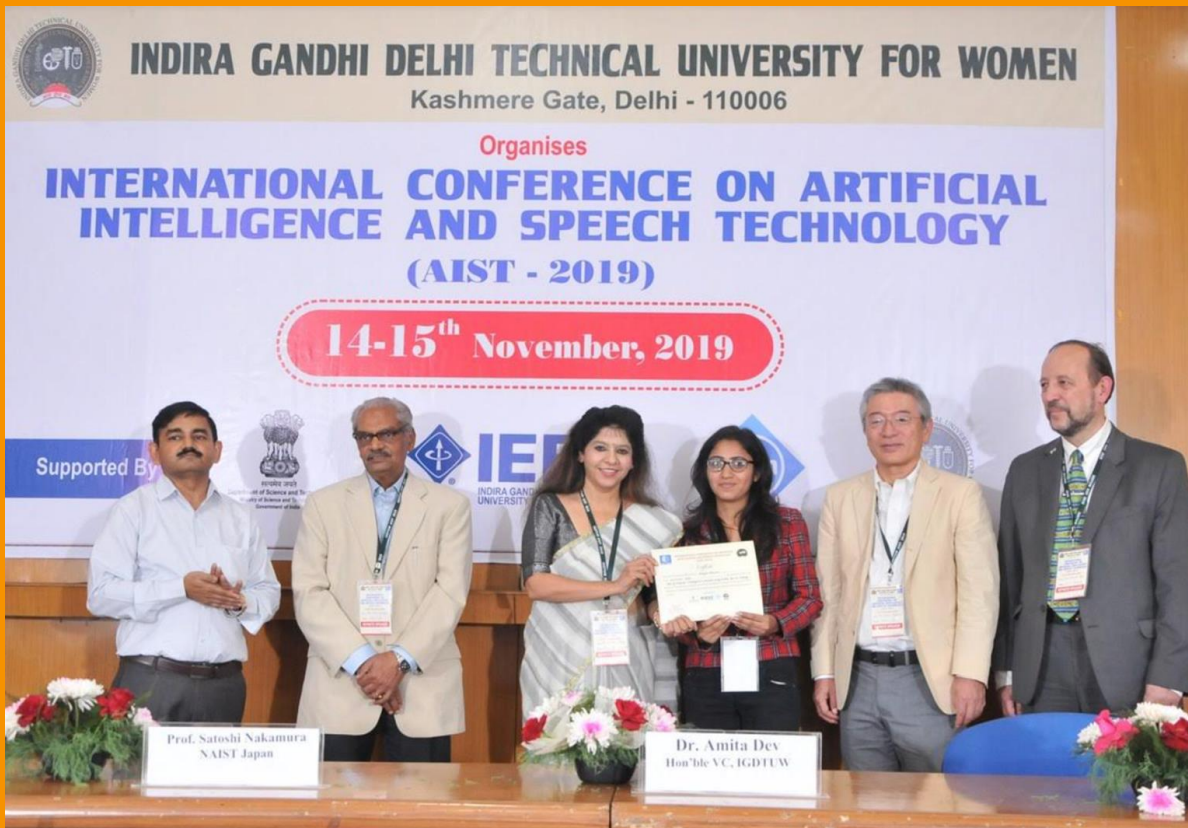
ऑर्गैनी : विजेता को सम्मानित करते हुए अपर मुख्य कार्यकारी अधिकारी।

झाँसी : शहर की सड़कों को कैसे सुन्दर और सुरक्षित बनाया जा सकता है, इसको लेकर एक प्रतियोगिता का आयोजन स्मार्ट सिटी लिमिटेड द्वारा किया गया था। इसमें सबसे अच्छा डिजाइन ज्योति मीना के साथ ही दो अन्य के आए, जिनको आज सम्मानित किया गया।

भारत सरकार के आवासन और शहरी कार्य मन्त्रालय ने शहरों की सड़कों को सुरक्षित और सुन्दर बनाने के लिए 'स्ट्रीट फॉर पीपल्स चैलेंज' के तहत स्मार्ट सिटी लिमिटेड द्वारा डिजाइन प्रतियोगिता का आयोजन कराया था। इसमें सीपरी बाजार ओवरब्रिज के नीचे की सड़क को सुरक्षित, सुन्दर और

स्मार्ट सिटी के तहत हुयी थी डिजाइन प्रतियोगिता

नागरिक सुविधा प्रदान करने के लिए डिजाइन बनवाए गए थे। स्मार्ट सिटी लिमिटेड के मुख्य कार्यकारी अधिकारी/नगर आयुक्त अयनीश कुमार राय के दिशा-निर्देश पर मूल्यांकन समिति ने डिजाइनों का अध्ययन कर मूल्यांकन किया। इसमें 3 श्रेष्ठ डिजाइन का रोशल मीडिया के माध्यम से सर्वे कराया गया। इसके बाद ज्योति मीना को प्रथम, सीम्या सेगर को द्वितीय व राहुल पल्लीपामुला को तृतीय घोषित किया गया। आज प्रथम स्थान प्राप्त करने वाली ज्योति मीना को अपर मुख्य कार्यकारी अधिकारी शादाब असलम ने प्रमाण-पत्र देकर सम्मानित किया। इस मौके पर स्मार्ट सिटी लिमिटेड के प्रवीण कुमार गुप्ता, सोहेल कमाल आदि उपस्थित रहे।



BEST PAPER AWARD (AIST) Received from Hon'ble Vice Chancellor, IGDTUW, Dr. (Mrs.) Amita Dev Research paper, in International Conference on Artificial Intelligence and Speech Technology in 2019, co-authored with Ar. Preeti Chauhan

STUDENTS

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Institute of Scholars

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Bringing ideas into reality.....

InSc
Unit of SDPL

www.insc.in

InSc Awards 2020

Certificate

Young Researcher Award 2020

awarded to

Shreyata Khurana

B.Arch

Architect,
Department of Architecture,
Indira Gandhi Delhi Technical University for Women,
Delhi.

For the work with following details:
Publication Title: Test Engineering and Management
Paper Title: Role of Artificial Intelligence in Assisted Living Centers for the Elderly
Journal Name: Scopus Indexed Journal - Test Engineering and Management
Volume: 82
Month of publication: January/February
Year: 2020
Page No.: 11962-11971
ISSN: 0193-4120

Nanjesh Bennur
 Director, InSc



AR. SHREYATA KHURANA

M.Plan (Urban Planning),
B.Arch (2015 BATCH)

- GATE Scholar (cleared in 2022) AIR 39
- Extended version of above research paper "Role of Artificial Intelligence in Increasing Efficiency of Assisted Living Centers for the Elderly" - published in Scopus Indexed Journal.
- YOUNG RESEARCHER AWARD - Institute of Scholars (InSc)
- MHRD SBSI Competition - Rank 2
- Autodesk Quiz - Rank 1

Date: 05/08/2022



MISSION AMRIT SAROVAR

JAL DHAROHAR SANRAKSHAN INTERNSHIP

CERTIFICATE OF RECOGNITION

This is to certify that Dr. Monali Wankar of Indira Gandhi Delhi Technical University For Women Kashmere Gate Delhi mentored the team formulating rejuvenation and reimagination strategy for Arab ki Sarai, South East Delhi, Delhi from 1st July 2022 to 5th August 2022, which has been adjudged by a committee of experts as one of the best 25 submissions received across the country. We acknowledge his/her valuable contribution as a mentor and water warrior.

Shri Buddha Chandrasekhar
CCO, NEAT
AICTE, Ministry of Education

Smt D Thara
Additional Secretary
Ministry of Housing & Urban Affairs

MAS-JDS/AICTE/MoHUA/WINO/18

Date: 05/08/2022



MISSION AMRIT SAROVAR

JAL DHAROHAR SANRAKSHAN INTERNSHIP

CERTIFICATE OF RECOGNITION

This is to certify that Dr. Rashmi Ashtt of Indira Gandhi Delhi Technical University For Women Kashmere Gate Delhi mentored the team formulating rejuvenation and reimagination strategy for Shamshi Talab, South Delhi, Delhi from 1st July 2022 to 5th August 2022, which has been adjudged by a committee of experts as one of the best 25 submissions received across the country. We acknowledge his/her valuable contribution as a mentor and water warrior.

Shri Buddha Chandrasekhar
CCO, NEAT
AICTE, Ministry of Education

Smt D Thara
Additional Secretary
Ministry of Housing & Urban Affairs

MAS-JDS/AICTE/MoHUA/WINO/18

Training - of - Trainers Workshop on ARCHITECTURE DESIGN STUDIO

17th - 19th January 2023, Delhi

Certificate of Participation

This is to certify that
Prof. Monali Wankar
of

Indira Gandhi Delhi Technical University for Women, Delhi

has participated in the Training Workshop Organized by
IIT Bombay in association with GGSIPU, New Delhi



Prof. Milind D. Atrey
Dean R&D, IIT Bombay

Prof. Ravi Sinha
Principal Investigator

Training - of - Trainers Workshop on ARCHITECTURE DESIGN STUDIO

17th - 19th January 2023, Delhi

Certificate of Participation

This is to certify that
Prof. Rashmi Ashtt
of

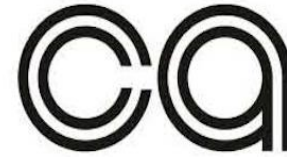
Indira Gandhi Delhi Technical University for Women, Delhi

has participated in the Training Workshop Organized by
IIT Bombay in association with GGSIPU, New Delhi



Prof. Milind D. Atrey
Dean R&D, IIT Bombay

Prof. Ravi Sinha
Principal Investigator



Council of Architecture

Students' Awards for Excellence in Documentation of Architectural Heritage 2021

CERTIFICATE OF MERIT

This certificate is awarded to

**Department of Architecture,
Indira Gandhi Delhi Technical University for Women, Delhi**

Represented by: Rashi Sharma, Himani Baha, Shreya Aggarwal, Mahima Jain, Ashima, Anukriti, Nidhi

for the documented project titled

Swadha - Documentation of Chandni Chowk Haveli

being selected for Citation under the category "Indigenous Dwellings"

at the Zonal Jury of the Awards Programme

held on 10th February 2022

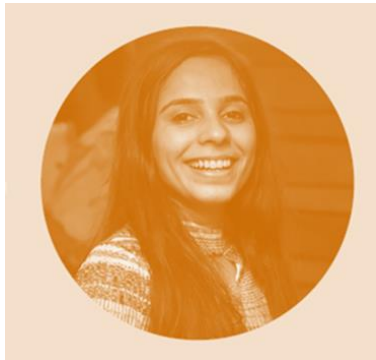
Ar. Prof. Habeeb Khan
President, COA

Ar. Prof. Jayashree Deshpande
Director, COA-TRC, Pune

10.02.2022

Date





MS. DIPTI CHOURASIA,

Batch: 2016-21

a student of Bachelors in Architecture department (B. Arch.), received Appreciation Award for Entrepreneurship Achievement in IGDTUW Orientation 2019 held at Pearey Lal Bhawan on August 1, 2019.



NILFA SAHA KARMAKAR

Batch : 2016 - 2021

Opened production studio - Niyat

- Getting awarded as "Most Promising Cinematographer" by unzoned magazine
- Getting featured in Dainik Bhaskar twice as as a content creator
- Being crowned a Miss India Charity 2021 and titled as subtitle Miss India Most Talented 2020
- Got awarded Naari Shakti award in Mumbai for being a young entrepreneur
- Getting associated with India's leading hospitality group "Taj (IHCL)" at the age of 19
- Getting awarded at a "Rising Star" at IGDTUW Alumni meet at the age of 23

MS. NAYAN THARA A,

a student of Bachelors in Architecture and planning department (B. Arch.), won the 2nd Prize with a cash amount of Rs 1000/- in Poster making Competition on the topic: "Clean Delhi- Green Delhi" organized by the department of Architecture and Planning in association with Delhi Municipal Corporations (South, North and East) under "Swachh Survekshan" on 16th Jan. 2020.

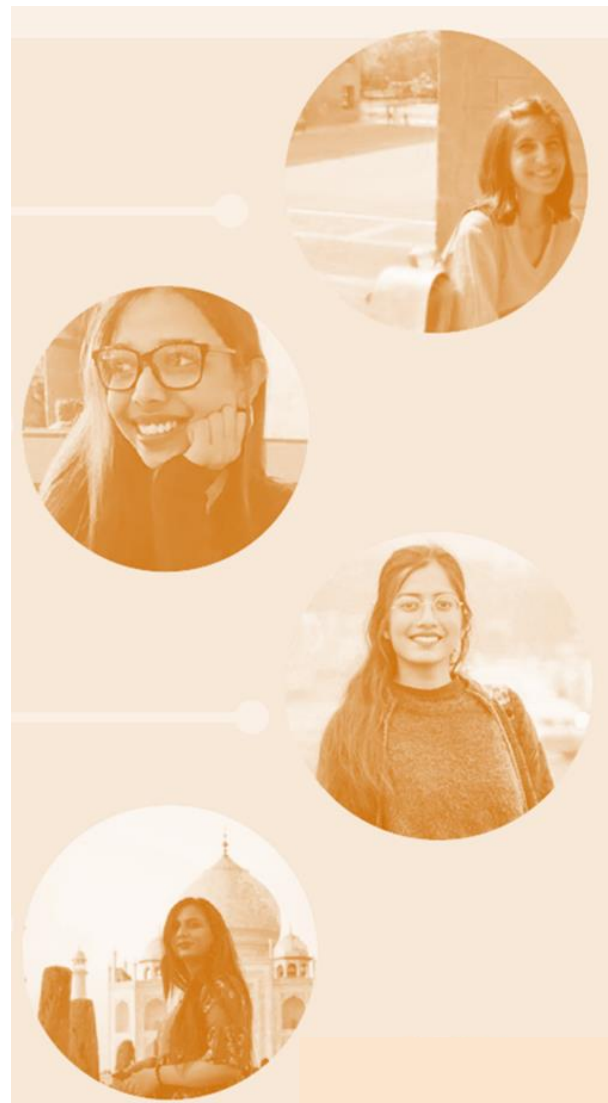
She won the 2nd prize in Jama Walk- Live Sketching Competition on the topic "Life at Jama Masjid and Surroundings" held on 11th Oct. 2019 organized by Archechoes team, DAP, IGDTUW.

MS. TAVISHI HARPALANI AND MS. NANDINI MISHRA,

students of Bachelors in Architecture and planning department (B. Arch.), received Best Logo Design for department of Architecture and Planning, IGDTUW in DAP Logo Design Competition held at DAP, IGDTUW on July, 2019.

MS. PRIYA TANEJA,

student of Bachelors in Architecture, received Wade Award for Young Artist category- 1st Runner Up in Wade Asia held at NSIC Grounds, Okhla, New Delhi on October 12, 2019.



TAVISHI HARPALANI

Batch : 2021

M.Tech in Technology and Development, Indian Institute of technology Bombay

RIA NATH

Northeastern University, Boston, US MS. Project Management

Offer Received admits from University of Michigan, UIUC and Northeastern University, Boston for Masters

AMRITA BINDRA

Batch : 2017 - 22

Graduate Communication Design Pratt Institue , NYC

HIMANGI VERMA

Graduate Aptitude Test in Engineering(GATE) - Architecture : AIR 24

STUDENTS



RASHI SHARMA
B.Arch 2016 BATCH

- SWADHA- Documentation of Chandni chowk Haveli under citation for indigenous dwellings at Zonal Jury Awards Programme by COA
- Received a prize money of Rupees Ten Thousand from Council Of Architecture

वास्तुकला परिषद्
Council of Architecture

वास्तुविद अधिनियम, 1972 के अंतर्गत भारत सरकार का एक स्वायत्त सांविधिक निकाय
(An Autonomous Statutory Body of Govt. of India, under the Architects Act, 1972)

Ref. No.: CA/28/Accounts/2022
July 22, 2022

Ar.Rashi Sharma
C/O Ms. Preeti Chauhan
Head, Department of Architecture,
Indira Gandhi Delhi Technical University for Women
Kashmere Gate, Pin code -110006,
Delhi
Email: hodarch@igdtuw.ac.in
Mobile: 9910331986

Subject:- Payment of prize money to winners/runners-up of COA Students Awards for Excellence in Documentation of Architectural Heritage 2021 in Category : Indigenous Dwellings held at Zone-1 for the thesis/project titled-“ Swadha - Documentation of Chandni Chowk Haveli.-reg.

Dear Sir/ Madam,

This is with reference to the above-mentioned subject. In this regard, please find attached herewith a Demand Draft drawn on State Bank of India, as per details given below:

DD Drawn in f/o.	Rashi Sharma
DD No.	675881
DD Date	02.07.2022
Amount	Rs.10,000/-

Kindly acknowledge and send the proper receipt for office record of the Council.

Thanking you,

Yours faithfully,

R.K. Oberoi
Registrar
Encl: As above.

भारतीय स्टेट बैंक
State Bank of India
Key: NUHDEZ Sr. No: 168897
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ASMITA CHAKRABORTY

B.Arch 2018 BATCH

- Awarded Miss Tourism India 2021
- Bagged the Famina Miss India State Finalist'20
- Campus Princess Finalist

Miss Tourism India 2021 returns home: A nostalgic and warm homecoming for Asmita Chakraborty at CR Park

E ETimes
Update on AUG 31, 2021, 01:00 AM
RIYA SHARMA, TNN

It was an evening high on nostalgia for Asmita Chakraborty as she returned home on Sunday after being crowned the Glamanand Supermodel India 2021 first runner-up and Miss Tourism India 2021. During the glittering homecoming ceremony, she got the chance to meet her extended family, neighbours, friends, teachers from school and college.





Jyoti Meena
Winner of Street for
People for Jhansi by
MoHUA and NIUA

Rising Award given to 3 students
during the Alumni Meet

- Ar. Mani Gupta**
- Ar. Shreytha Khurana**
- Ar. Jyoti Meena**

16.0
TRANSPARENCE
INDIA'S BIGGEST DESIGN CONTEST FOR BUDDING ARCHITECTS & DESIGNERS

 SAINT-GOBAIN

QUIZZERS TOPPING THE CHARTS!
REGIONAL FINALISTS



NORTH

Devneil Biswas & Aadya Bhargava
University School of Architecture and Planning, New Delhi

Alina Malikal & Faneshwar Sharma
Chitkara University, Patiala

Anju & Prathamesh Shinde
IIT BHU, Indian Institute of Technology, Varanasi

Aryana Malav & Namanpreet Kaur
Chandigarh College of Architecture, Chandigarh

Vaidehi Varshney & Ramya Gupta
Indira Gandhi Delhi Technical University for Women, New Delhi

Presented by

www.ethosempowers.com

Archumen 21-22
INDIA'S BIGGEST ARCHITECTURE QUIZ



11 likes

ethosempowers The wait is over!
Results of the prelims round of
ARCHUMEN 21 - 22 | INDIA'S BIGGEST ARCHITECTURE QUIZ's is out.

Here are the top 10 teams from **North Region** who will proceed to the Regional Finals.

- **YEAR 2016** Participated at Paris Riverfront Restaurant Design Competition ARCHASM
- **YEAR 2016** Won first prize in Best ACT OF GREEN DESIGN Competition AMITY Univ Noida
- **YEAR 2017** Won 6th position in National Level Architecture Quiz ARCHUMEN
- **YEAR 2018** Special Mentions ZNDC ZONAL NASA
- **YEAR 2018** Selected for Workshop on Earthquake Resistant Practices at IIT Kanpur NICEE
- **YEAR 2018** 2 of the 3 winners at University Level under Swachh Bharat Summer Internship
- **YEAR 2019** Best Paper Award, AIST 2019





25 Mentor Leaders of Education Mentoring Programme



Ar Kshitij Kumar Sinha
Assistant Professor

Ar Vishal Rai
Associate Professor

Dr Preeti Vajpayee
Associate Professor



FACULTY AWARDS / HONOURS

Dr. Preeti Vajpeyi, Associate Professor, was invited as speaker in Indian Institute of Technology Delhi (IITD) for her expert talk on “Built Environment as Learning Aid in Government Schools and Aaganwadis” on August’2020

Ar. Preeti Chauhan, Associate Professor, was invited as Guest of honour for the 5th Convocation award function of AD-The Design School, Malviya Nagar, Delhi held on 14th DEC 2019 at ISKCON, Delhi

Dr. Preeti Vajpeyi, Associate Professor, trained IAS officers at LBSNAA, Mussorie, on “Design and Development of Social Infrastructure like Schools and Aaganwadis” during the year 2019 and 2020.

Dr. Preeti Vajpeyi, Associate Professor was invited as a keynote speaker in the Architecture and Society Series programme, 55th Edition, conducted by Greha India Habitat Centre on March 2020.

Ar. Preeti Chauhan, Associate Professor, was invited as an editor for a cover story – ‘The Women Who Are Making A Difference!!’, an Interiors and I Magazine’s Feb-Mar’ 2020.

Ar. Preeti Chauhan
Associate professor and head
DEPARTMENT OF ARCHITECTURE & PLANNING RECEIVED BEST WOMAN PERFORMER IN ARCHITECTURE AWARD AT INTERNATIONAL INSPIRATIONAL WOMEN AWARDS 2021 BY GISR FOUNDATION ON may 1st, 2021



Eminent Skill Developer Award



Yamuna Ghat Redevelopment Discussion with Hon'able L.G & Hon'able V.C

FACULTY AWARDS / HONOURS

Dr. Rashmi Ashtt, Professor,

1. Awarded by **Maharishi Dayanand University**, Rohtak for active participation to promote Cultural Activities amongst the Youth in 2009 and 2010 consecutively.
2. Awarded by **MUNICIPALIKA** appreciating participation on Dias in their 11th international conference on Good Governance, Safe, Healthy, Green, Inclusive and Smart cities.
3. Awarded by Sanwari women power club, for '**Proud to be an Indian Women Award**' by MLA and parliamentary Secretary, Delhi Government.
4. Honored by 'Maharaja Ajmeer Kalian Samiti, Sonipat,' Reg.2476.in 2014
5. Participated in various workshops on the issues of urban & regional planning
6. Chaired conference session at person at **National Seminar on Women Empowerment**, in Hindu B.Ed. College, Sonipat
7. Committee Member of 'Literature Review of National Conference on Re-Discovering Cities' conducted by School of Architecture, MM University, Sadopur, Ambala, India and India Institute of Architects (Chandigarh-Punjab Chapter)
8. **Vice chairman, A.I.I.A.**, Sonapat Sub center, Haryana chapter.
9. Awarded for '**Eminent Skill Developer**', in Indo-global Skill Summit & Expo 2017 by the Indus Foundation and Skill India by honorable Governor of Haryana shri. Kaptaan Singh Solanki.
10. Awarded for Principal -Director of Hindu School of Architecture being '**Best Emerging college of NCR**' by Indus Foundation and Skill India by honorable Governor of Haryana shri. Kaptaan Singh Solanki.
11. Invited to a **Session Chair of the "Urban Informalities"** session from 9AM-11AM on Sunday, October 7th, 2018 from 9AM-11AM.at the IASTE 2018 conference to be held in Coimbra, Portugal.
12. **I.I.M.A.**, Indian Institute of Management, Ahmadabad, Certificate course in 'Leadership and Change Management.
13. International Dialogue on UN Goals – Peace, Justice, Strong Institutions; Industry, Innovation and Infrastructure & International Academic Excellence Awards 2020 organized as a part of "A Project of the IMRF in Honour of The United Nations Seventy Fifth Anniversary". "**Indo Asian – Distinguished Innovative Principal Award for Sustained Commitment to Teaching Excellence**"

S.NO.	NAME OF FACULTY	TITLE OF PAPER	JOURNAL/ CONFERENCE	DATE OF PUBLICATION / CONFERENCE	NAME OF JOURNAL/ CONFERENCE
1	Ar. Jahnabi Kalita	Floating Parks for Future Cities	International Conference	Mar-22	Proceedings of International Conference PACE III C2C "
2	Dr. Preeti Vajpeyi	Land Suitability Analysis for encouraging and locating new Urban Forests: A case study of Delhi, India	Journal	Oct-22	Future is Urban: Livability, Resilience and Resource Conservation; Taylor and Francis Publication
3	Ar. Preeti Chauhan	Floating Parks for Future Cities	International Conference	Mar-22	Proceedings of International Conference PACE III C2C "
4	Ar. Preeti Chauhan	Housing Situation and Housing Affordability in India	Journal	Sep-21	International Journal of Creative Research Thoughts
5	Ar. Preeti Chauhan	Creative city	Journal		Journal of Engineering, Computing and Architecture
6	Ar. Preeti Chauhan	Impact of Surgical Inpatient Unit Design on Physical Exhaustion of Nurses Leading To Musculoskeletal Disorders of the Lower Extremities : A Review	Journal	27th July 2020	Journal of Critical Reviews

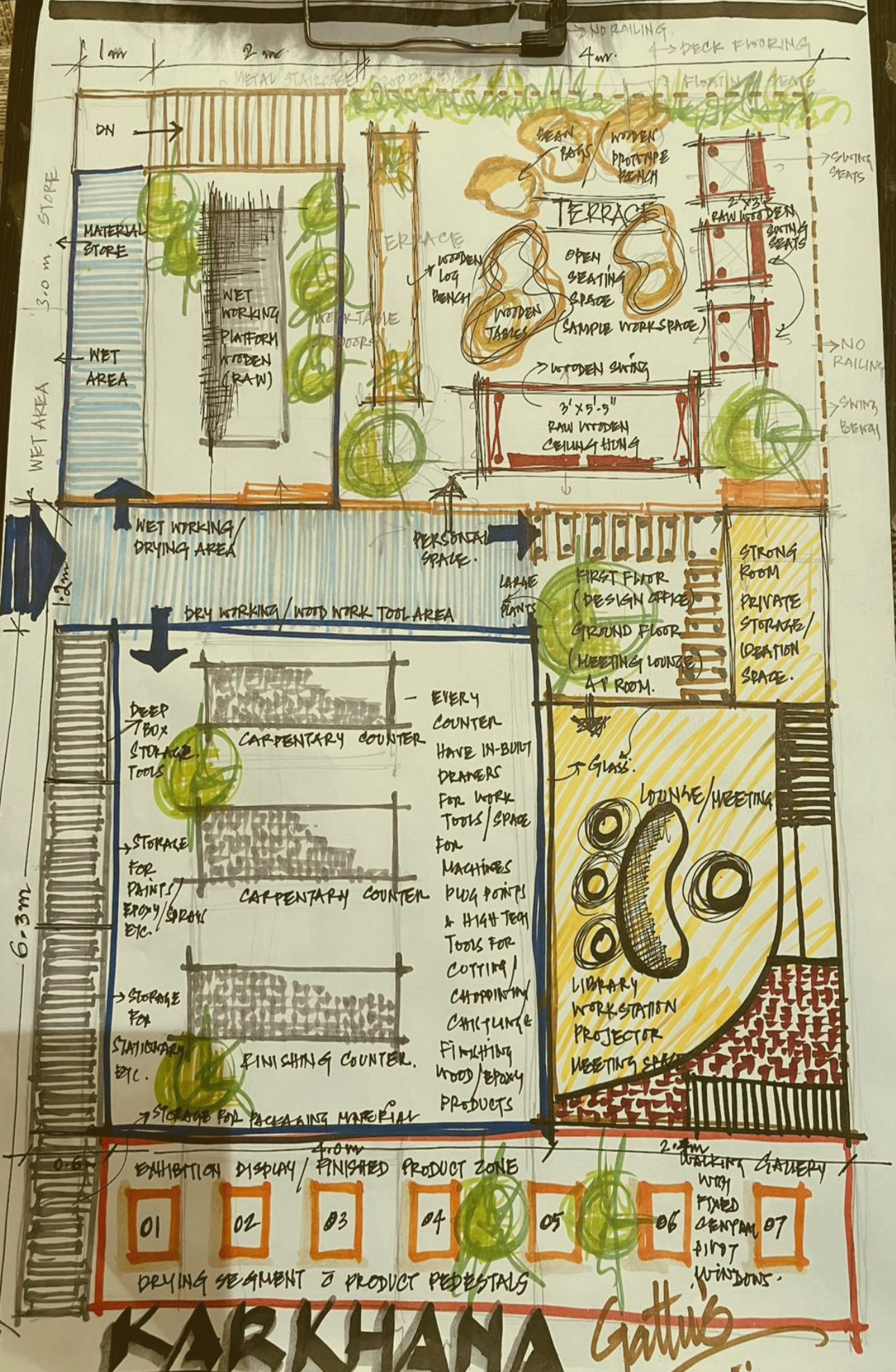
S.No.	Name of Faculty	Title of Paper	Journal/Conference	Date of Publication / Conference	Name of Journal/Conference
7	Ar.Sneha Maji	Application of the Ancient Indian science of Vaastu in Smart cities of India	Book Chapter	4th april 2021	The History and Art of India - Prospects and Retrospects Volume 1
8	Ar.Sneha Maji	An Argument for Gamification of Pedagogy of Aesthetics in Indian Academics setup	Conference	Mar-22	ICORD 2023
9	Ar. Venus Kashyap	Generative Design towards the creation of Energy-Efficient Built Environments	Journal	Mar-22	Editorial volume II, Journal of Facade Design and Engineering, TU Delft
10	Ar. Jahnabi Kalita	Impact of Streetscape on the Image of a City: A study and analysis of streetscapes of Delhi, India (first Stage Accepted)	International Conference	Jun-22	International Conference on Multidisciplinary Aspects of Design: Enhancing the Connections in Collaboration with COA-TRC, Bhopal
11	Ar. Preeti Chauhan	Impact of Streetscape on the Image of a City: A study and analysis of streetscapes of Delhi, India (first Stage Accepted)	International Conference	Jun-22	International Conference on Multidisciplinary Aspects of Design: Enhancing the Connections in Collaboration with COA-TRC, Bhopal
12.	Prof. (Dr.) Rashmi Ashtt + Dr. Monali Wankar	Urban Water Resource Management with Artificial Intelligence: Revival of Shamshi Talab, Delhi	National Journal	2022	Zeichen

S.No.	Name of Faculty	Title of Paper	Journal/Conference	Date of Publication / Conference	Name of Journal/Conference
13	Prof. (Dr.) Rashmi Ashtt	GIS Based Analysis & Mapping of Air Pollution and Health Impacts: A Case of Faridabad	International Conference	2022	International Conclave on Material, Energy & Climate
14	Prof. (Dr.) Rashmi Ashtt	Environmental Impact of Tourism Development in Bir Billing	International Conference	2022	International Conclave on Material, Energy & Climate
15	Prof. (Dr.) Rashmi Ashtt	Assessing quality of life in historic cities-a case of Shahjahanabad	International Conference	2022	International Conclave on Material, Energy & Climate
16	Prof. (Dr.) Rashmi Ashtt	Incorporating recycled materials into buildings-a case study of Delhi-NCR”	International Conference	2022	International Conclave on Material, Energy & Climate
17	Prof. (Dr.) Rashmi Ashtt	Need for Planning Green Spaces with Sensitization towards all Genders	International Conference	2022	International Conclave on Material, Energy & Climate
18	Prof. (Dr.) Rashmi Ashtt	Gender and Smart Mobility: A Case of Women in Delhi	International Conference	2022	International Conclave on Material, Energy & Climate
19.	Prof. (Dr.) Rashmi Ashtt	Challenges & Strategies for Efficient Public Participation in the Preparation of Development plan	International Conference	2022	International Conclave on Material, Energy & Climate
20	Prof. (Dr.) Rashmi Ashtt	Use of Artificial Intelligence in Smart Cities: A Case Study of Kanpur	International Conference	2022	Nanoelectronics, computational intelligence & Communication systems (nccs-2022)

**It always seems
impossible until
it's done.**

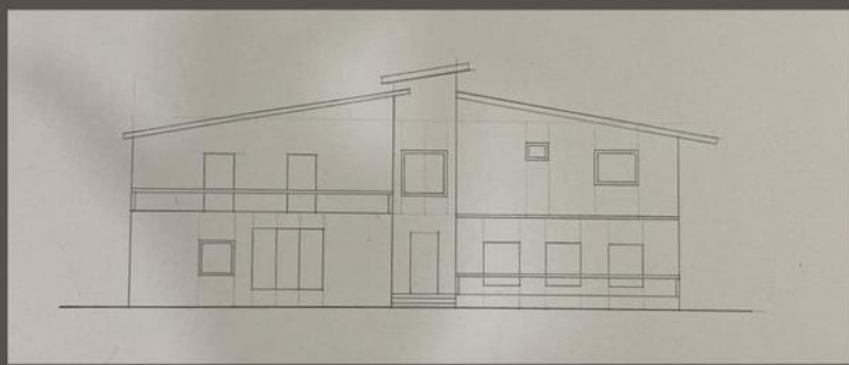
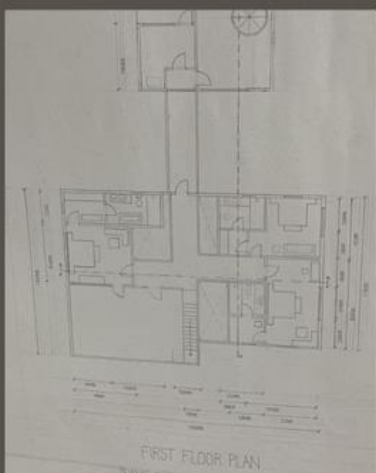
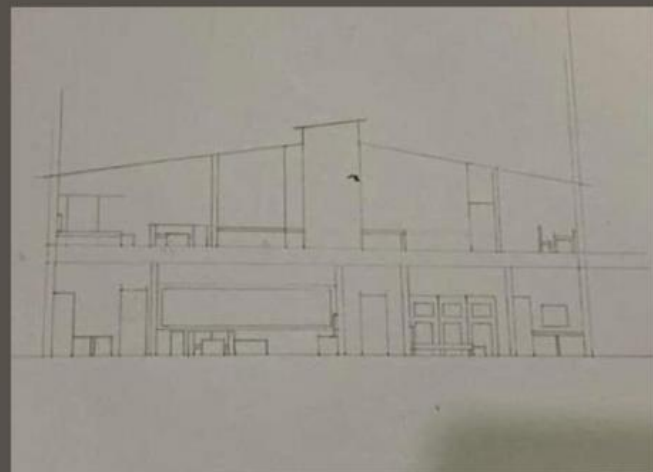
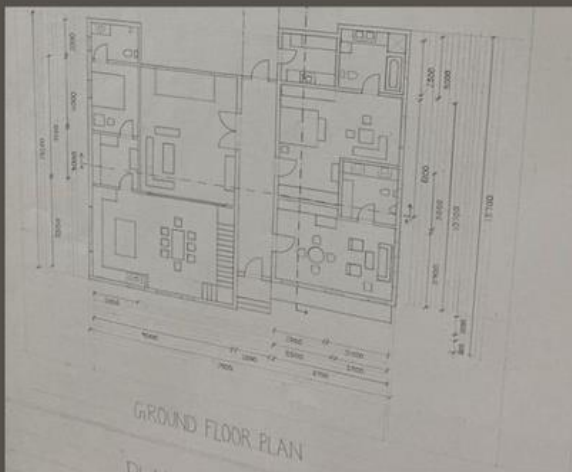


**THESIS,
DISSERTATION
AND SEMINAR
PROJECTS**



KARKHANA Gattus

B.ARCH
(5 YEARS DEGREE)



ACHITECTURE DESIGN
MAJOR PROBLEM-RESIDENTIAL UNIT

RISHITA MOHAN (1ST YEAR)



RISHITA MOHAN (1ST YEAR)



Jaunti is a historical village situated in the periphery of Delhi, on the Delhi–Haryana border. It was established during the reign of Emperor Shahjahan.



JAUNTI VILLAGE



Jaunti Village falls in the North-West district of Delhi. It is situated near Kanjhawala Qutubgarh Road. It is adopted under the Sansad Adarsh Gram Yojana (SAGY), a village development project launched by the Government of India in October 2014.

Jaunti Village is mainly accessed via Kanjhawala Road, which connects it to the rest of Delhi. The primary mode of public transport in the village is the DTC service, which provides connectivity to other parts of Delhi. A feeder network also ensures local connectivity.

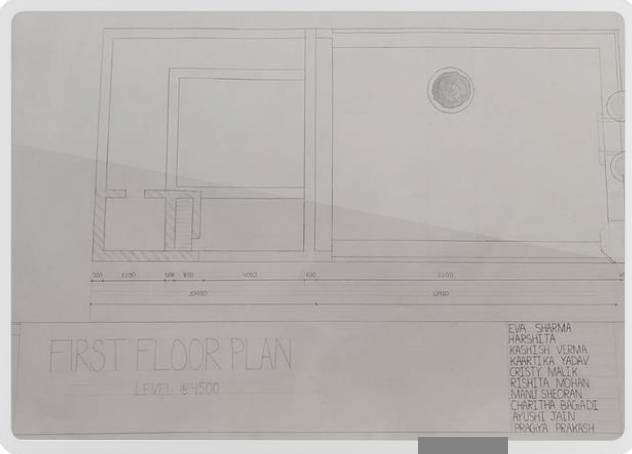
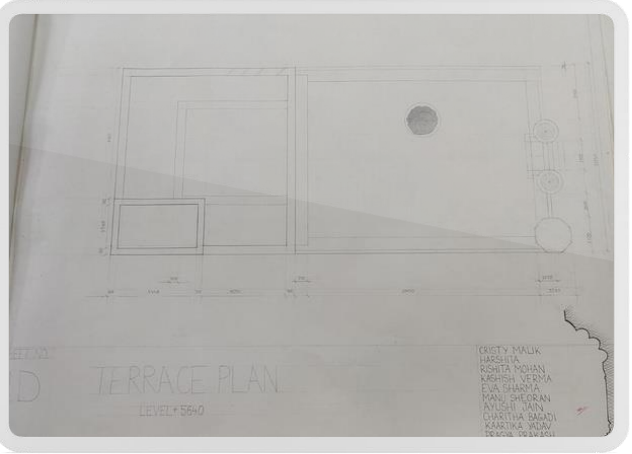
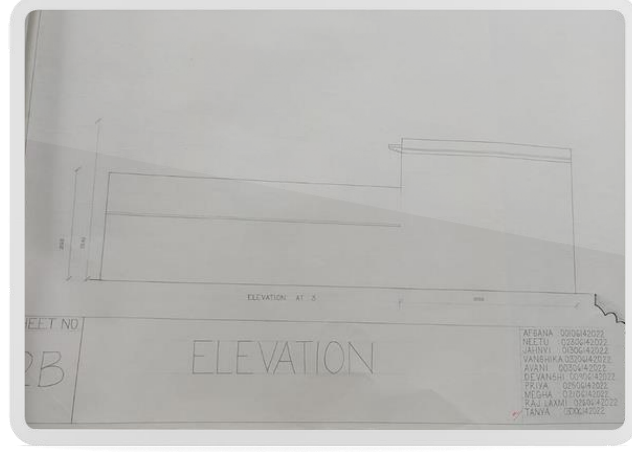
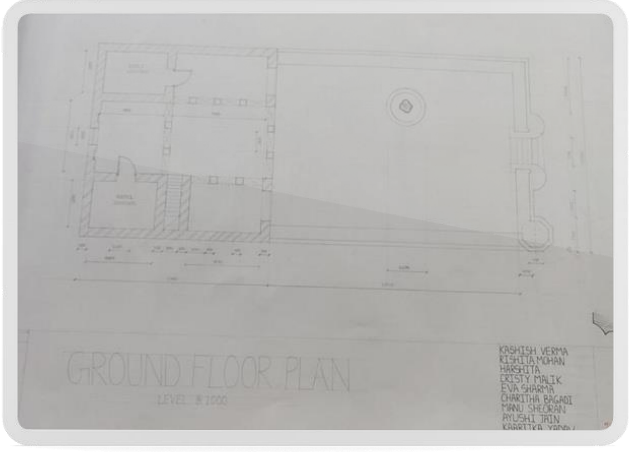
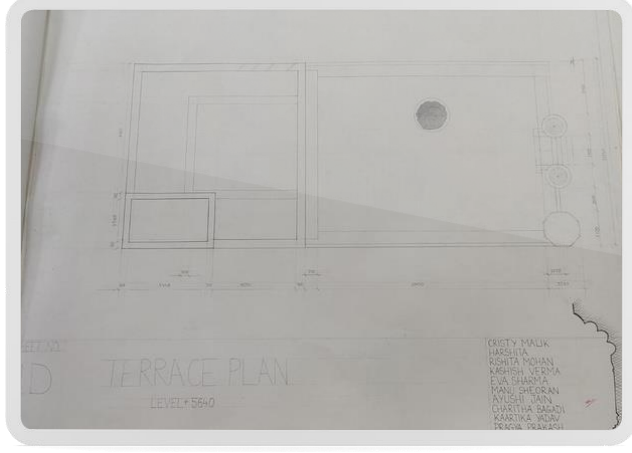
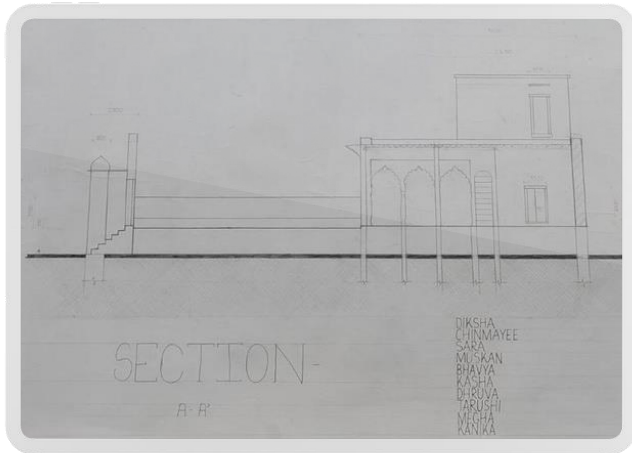
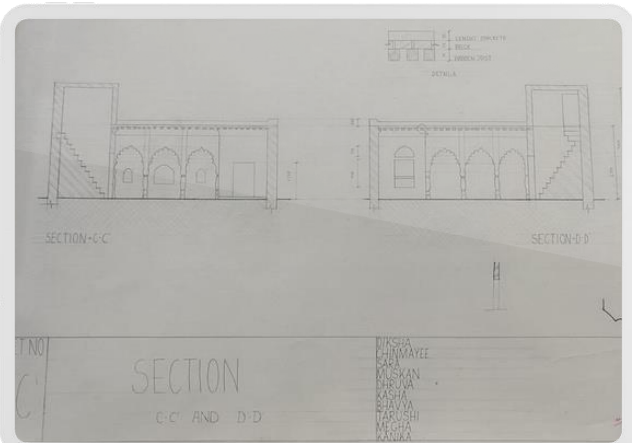


JAUNTI VILLAGE

SEMSTER-2
YEAR-1



The settlement of Jaunti Village was established in 1908. It included the clan of Chikkara potters, welders, carpenters, cobblers and dyers. The settlement was headed by Viru Chikkara, who had once participated in the war between Prithviraj Chauhan and Mohammad Ghori.



Architectural Design

Project: Convention And Interpretation Centre

Site: Varanasi, Uttar Pradesh, India

Designed by: Apoorva Bhalotia

Semester-6th

Year: 3rd



Ms PRIYA TANEJA, 2021
 Ambedkar University, Delhi
 Guide: Ar Mohit Dhingra

ARCHITECTURAL THESIS INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN

CONTEXT PLAN SCALE 1:1500

SITE ANALYSIS

LEGEND

- SITE
- SBM TOILETS
- HOSPITALS
- TEMPLES
- PETROL PUMPS
- POST OFFICE
- EATERIES
- BUS STANDS
- BANKS/ATMS
- PHRINTISTERY
- METRO STATIONS
- CHURCHES

CONNECTIONS AND CIRCULATION

CONCEPT VISION

THE REALM OF EMANCIPATION

UNIVERSITY IS A SPACE WHERE STUDENTS FACE A MAJOR SHIFT IN THEIR ENVIRONMENT, COMING FROM A PROTECTIVE AND FORMAL TEACHING ENVIRONMENT IN SCHOOLS.

IMAGINING THE CAMPUS AS A SPACE FOR STUDENTS TO GROW, BECOME INDEPENDENT AND GET USED TO THE CULTURE OF INFORMAL TEACHING, PEER-LEARNING AND INTERACTION.

FOSTERING INFORMAL AND INTERACTIVE WAYS OF INFORMATION SHARING. THERE HAS TO BE A FEELING OF NO RESTRICTION TO THE EXCHANGE OF IDEAS AND THOUGHTS THROUGH AN INFORMAL ENVIRONMENT.

INCLUDING A SOLEMN AND EDIFYING STUDY ENVIRONMENT BY BEING CLOSE TO NATURAL ELEMENTS, GREENERY, NATURAL LIGHT, VENTILATION AND MODEST MATERIALS.

FOCUSING ON A HOLISTIC LEARNING APPROACH APART FROM CLASSROOM LEARNING.

A STRONG INTERCONNECTIVITY AMONG SPACES IS REQUIRED.

TERRACES ARE LEAST USED ELEMENTS IN COLLEGE BUILDINGS WITH SERVICES.

THE POSITION AND DESIGN OF THESE CAN BE MODIFIED TO CREATE INTERACTIVE SPACES.

THE CORRIDOR SPACE USED SOLELY FOR MOVEMENT CAN BE CONVERTED INTO A SPINE OF SPILLOUT OF DIFFERENT ACTIVITIES WITH ADDED GREENS ON UPPER LEVELS.

IMAGINING THE CAMPUS AS A THEATRE, EXTENDING PERFORMANCE SPACES INTO THE BUILDING.

JOINING OF ALL BLOCKS TO ALSO BE PROVIDED IN COURTYARD FORM TO HAVE A LARGE GREEN SPACE ACCESSIBLE TO ALL BLOCKS EQUALLY. (MICRO LEVEL)

COURTYARD PLANNING IS TO BE PROVIDED IN ALL BLOCKS FOR CLIMATIC ADVANTAGE. (MICRO LEVEL)

AN UNDERGROUND CONNECTIVITY FOR BOTH PARTS OF THE SITE.

A SKYWALK BRIDGE IS ENVISAGED TO CREATE CONNECTIVITY BETWEEN VARIOUS BLOCKS ON UPPER LEVELS AND TO CREATE SPACE FOR A DIRECT VIEW OF THE CENTRAL FIELD.

DESIGN TO BE PLANNED IN FOUR SPATIAL LEVELS:

- CITY-CAMPUS INTERACTION
- CAMPUS LEVEL PLANNING
- STUDY ZONES
- LIVING ZONES

UNIVERSAL DESIGN TO BE DESIGNED IN SPACES SPECIALLY INTERACTIVE SPACES AND LANDSCAPED AREAS. RAMP TO BE AESTHETICALLY MERGED AS A FUNCTION OF DESIGN INSTEAD OF AN ADD-ON FEATURE TO SHOW INCLUSIVITY/BENIGNITY.

INTRODUCING LEVELS IN LANDSCAPING TO ADD INTERESTING, INTERACTIVE SPACES AND BREAKING MONOTONY.

CORRIDORS TO BE EXTENDED AS BRIDGES BETWEEN BLOCKS FOR ARTIFICIAL AND FUNCTIONALITY.

NOISE POLLUTION DUE TO A HIGH DENSITY OF BUILDINGS AND TRAFFIC IS TO BE A MAJOR CONCERN FOR STUDENTS. THE PROPOSED DESIGN OF THE BUILDING SHOULD TAKE INTO ACCOUNT THE NOISE POLLUTION DUE TO A HIGH DENSITY OF BUILDINGS AND TRAFFIC IS TO BE A MAJOR CONCERN FOR STUDENTS. THE PROPOSED DESIGN OF THE BUILDING SHOULD TAKE INTO ACCOUNT THE NOISE POLLUTION DUE TO A HIGH DENSITY OF BUILDINGS AND TRAFFIC IS TO BE A MAJOR CONCERN FOR STUDENTS.

AVAILABILITY OF PUBLIC TRANSPORT IN VICINITY

HOSPITALS IN VICINITY

REFERENCE OF EXISTING BUILDINGS IN VICINITY

PRIVATE HEARS OF TRANSPORT CAN BE EASILY TRANSPORTED ON SITE DUE TO THE PRESENCE OF PUBLIC TRANSPORT FACILITIES NEARBY.

HAZARDS CAN BE IDENTIFIED AND MITIGATED ON SITE TO AVOID HAZARDS AND MAKE THE PLACE MORE ENJOYABLE.

THE DIVISION IN FEATURES OF THE BUILDING SHOULD TAKE INTO ACCOUNT THE NOISE POLLUTION DUE TO A HIGH DENSITY OF BUILDINGS AND TRAFFIC IS TO BE A MAJOR CONCERN FOR STUDENTS. THE PROPOSED DESIGN OF THE BUILDING SHOULD TAKE INTO ACCOUNT THE NOISE POLLUTION DUE TO A HIGH DENSITY OF BUILDINGS AND TRAFFIC IS TO BE A MAJOR CONCERN FOR STUDENTS.

THE DESIGN IN THE MIDDLE OF THE SITE SHOULD TAKE INTO ACCOUNT THE NOISE POLLUTION DUE TO A HIGH DENSITY OF BUILDINGS AND TRAFFIC IS TO BE A MAJOR CONCERN FOR STUDENTS. THE PROPOSED DESIGN OF THE BUILDING SHOULD TAKE INTO ACCOUNT THE NOISE POLLUTION DUE TO A HIGH DENSITY OF BUILDINGS AND TRAFFIC IS TO BE A MAJOR CONCERN FOR STUDENTS.

ARCHITECTURAL THESIS INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN

ROOF PLAN SCALE 1:1500

SITE PLAN

AMBEDKAR UNIVERSITY DELHI

ARCHITECTURAL THESIS INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN

CONCEPT VISION

THE REALM OF EMANCIPATION

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CONCEPT VISION

AMBEDKAR UNIVERSITY DELHI

VISION AND CONCEPT

ARCHITECTURAL THESIS INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN

ADMINISTRATION BLOCK ELEVATION

AMBEDKAR UNIVERSITY DELHI

ELEVATION

ARCHITECTURE THESIS INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN

AUDITORIUM ELEVATION AND VIEWS

AMBEDKAR UNIVERSITY DELHI

ELEVATIONS AND VIEWS

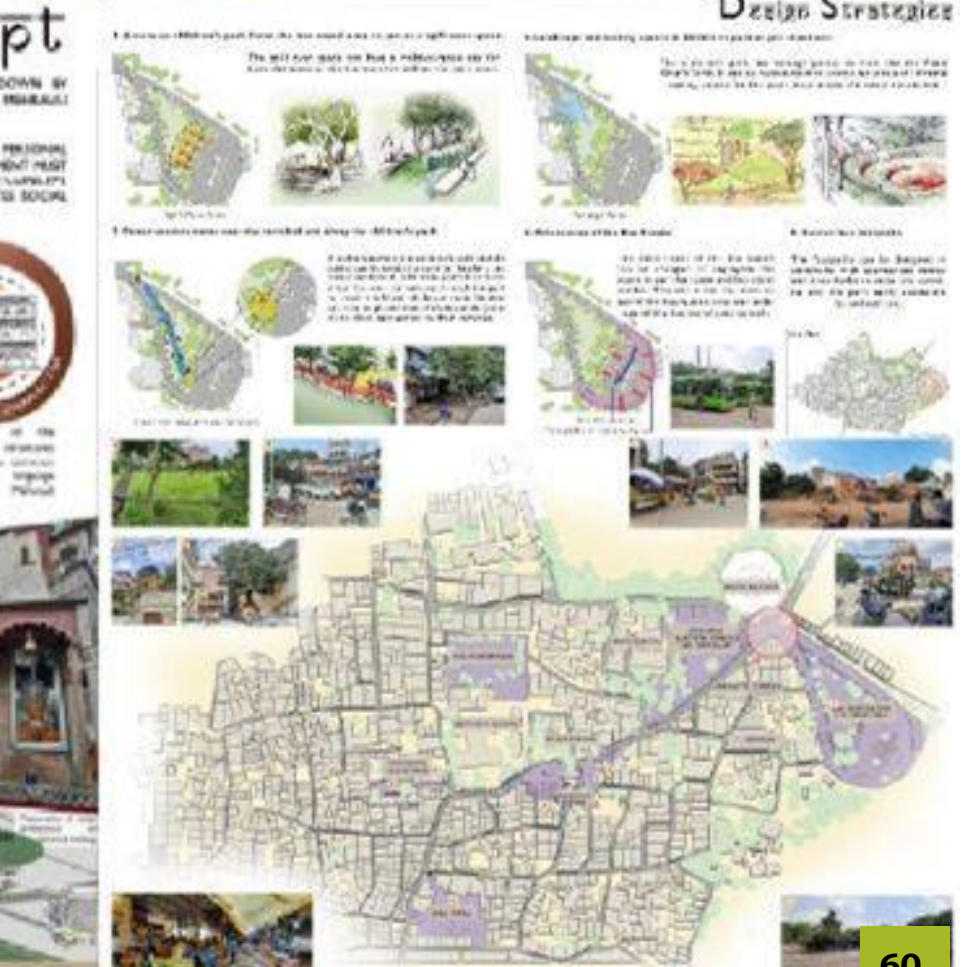
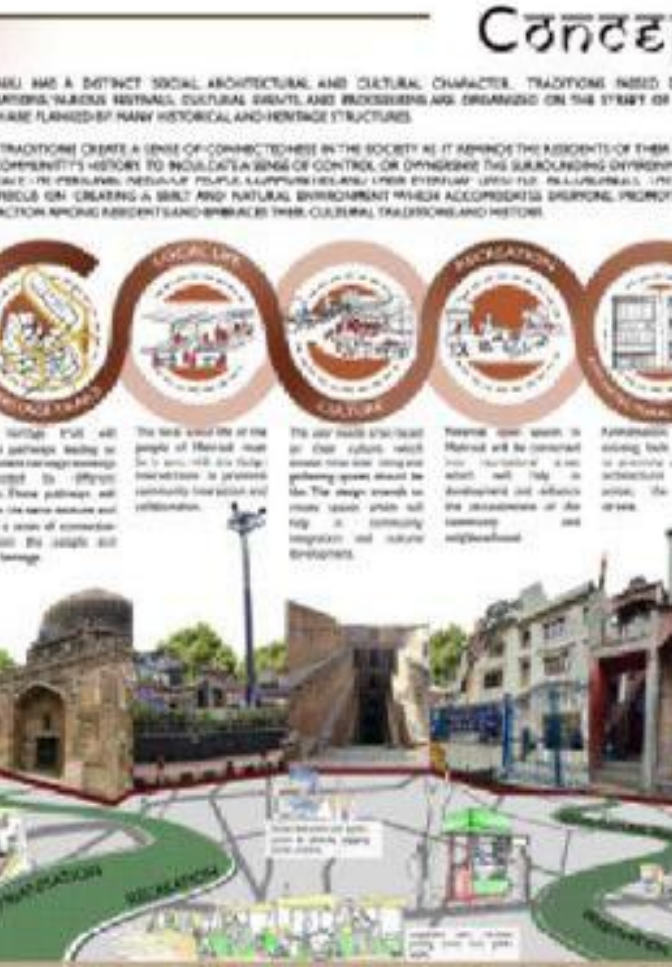
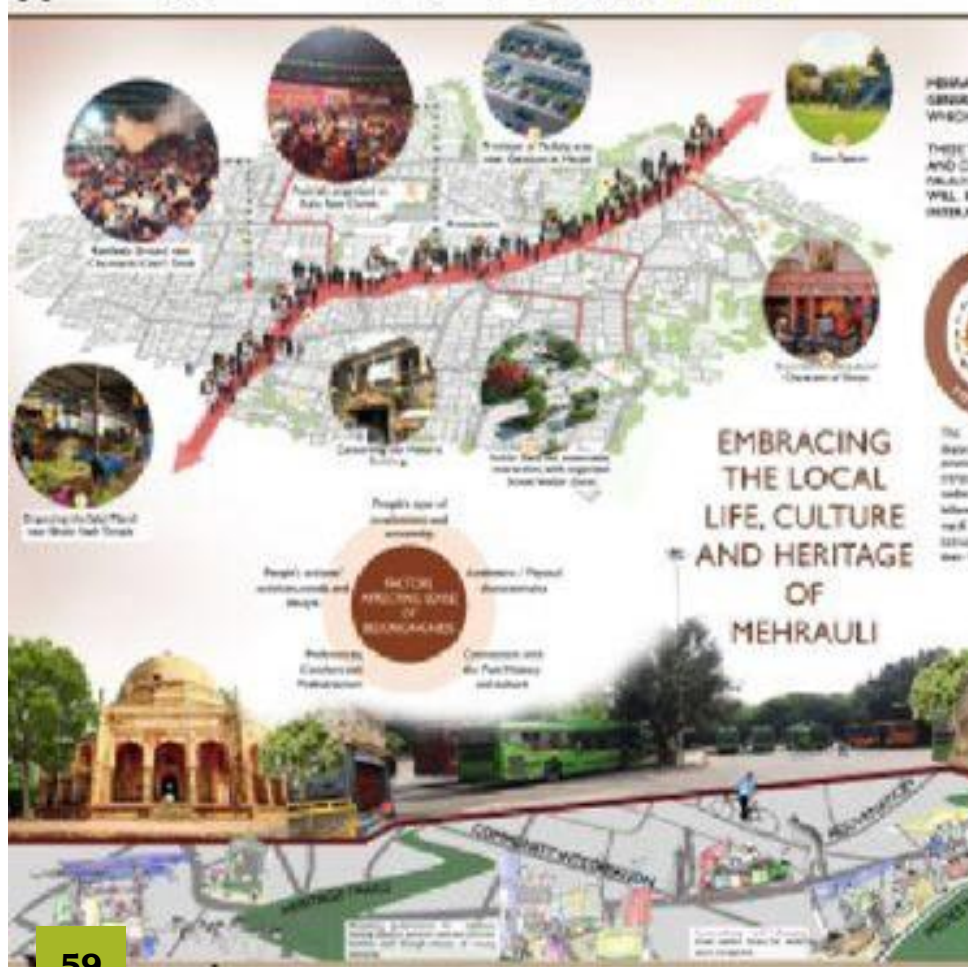
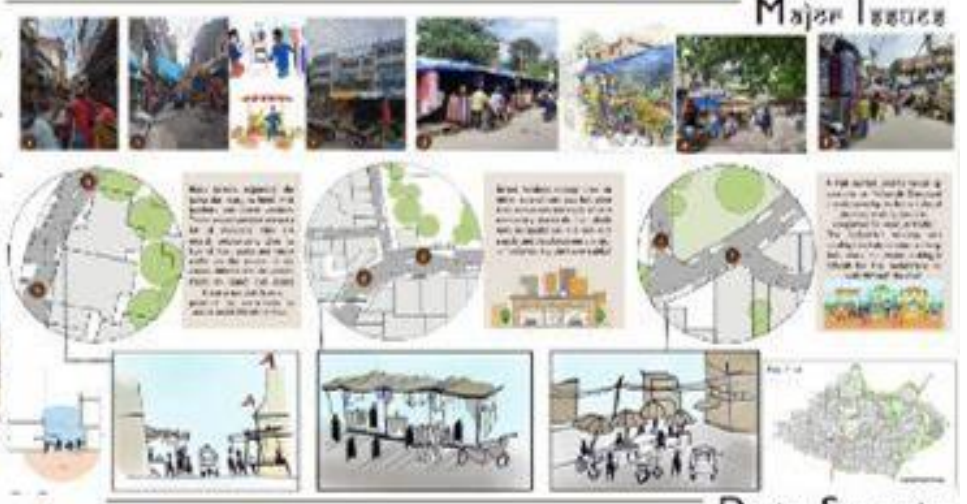
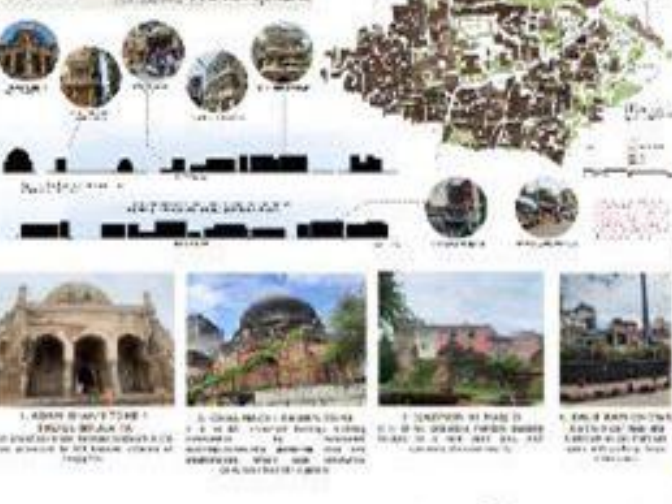
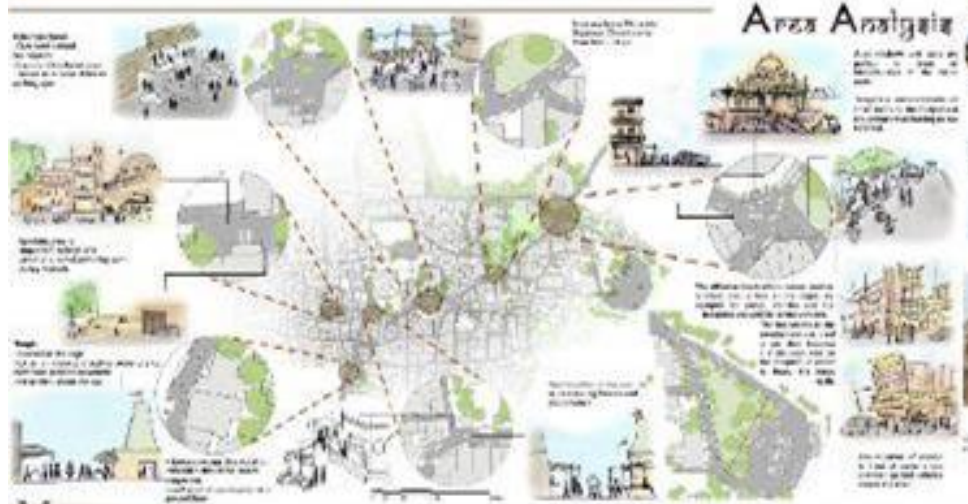
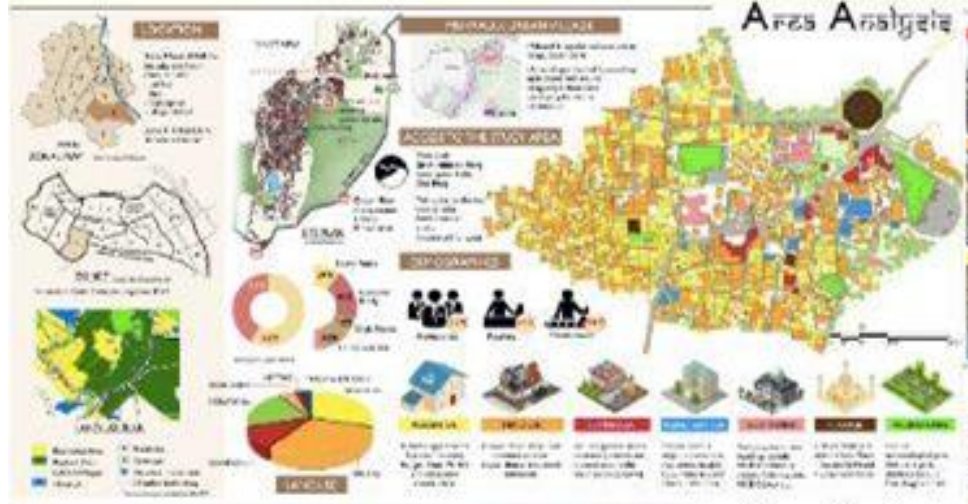
ARCHITECTURAL THESIS INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN

ACADEMIC BLOCK SECTION

AMBEDKAR UNIVERSITY DELHI

SECTION

AMBEDKAR UNIVERSITY DELHI



URBAN DESIGN STUDIO



TOP THREE DISSERTATION FOR THE YEAR 2021-22

1. Tulsi Bharadwaj (0206142017)

Topic: Nallahs of New Delhi: Imagining the natural cornucopia of neglected waterways into Urban Public Waterfronts

Guide: Vishal Rai

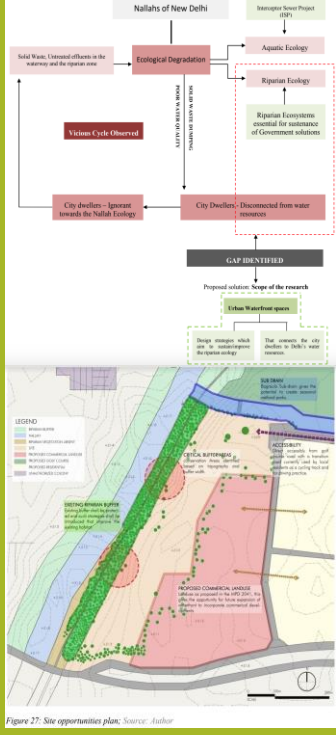


Figure 27: Site opportunities plan. Source: Author

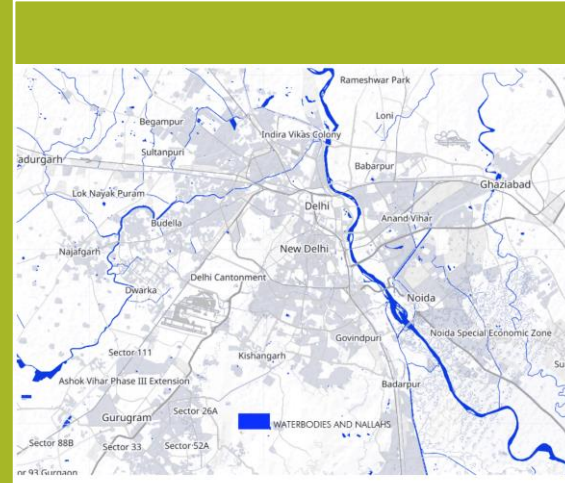


Figure 1: The Yamuna and Network of Nallahs of New Delhi; Source: Open Street Map 2021; Edited by Author

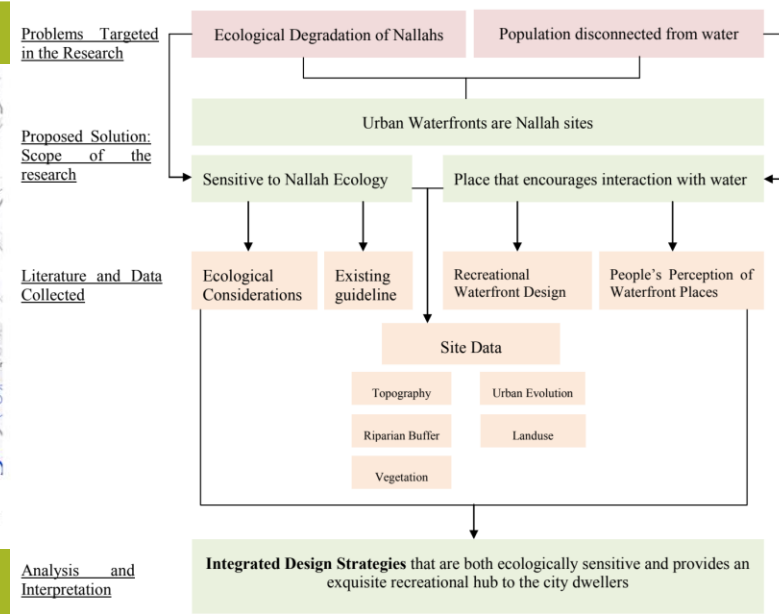


Figure 31: Analysis Framework; Source: Author

2. Bhavya Jain (3206142017)

Topic: Generative Design towards the creation of resilient sustainable environments as a catalyst for Social Innovation

Guide: Venus Kashyap

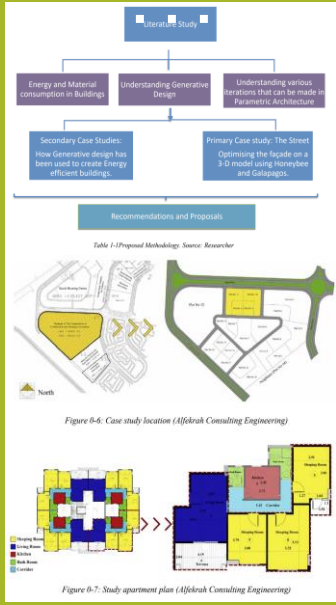


Figure 6-7: Study apartment plan (Alokrah Consulting Engineering)

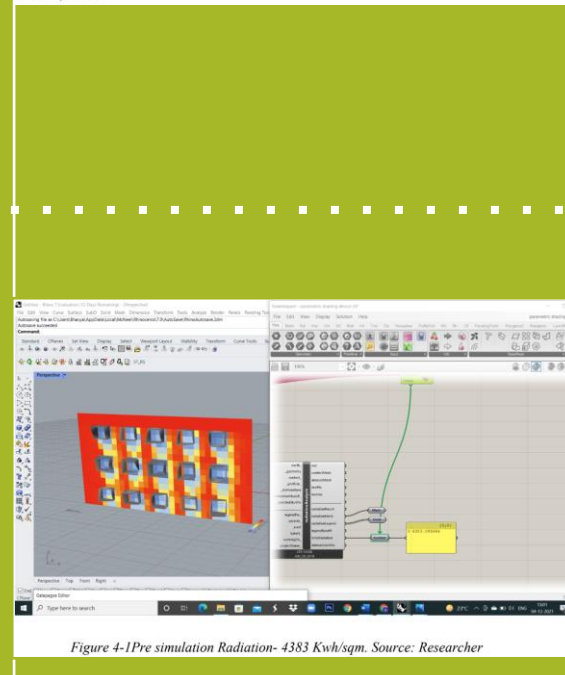


Figure 4-1: Pre simulation Radiation- 4383 Kwh/sqm. Source: Researcher

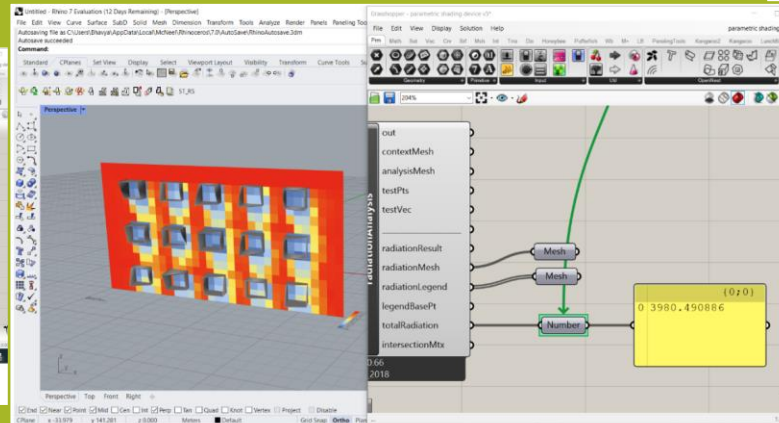


Figure 4-2: Post simulation Radiation results- 3980 Kwh/sqm. Source: Researcher

3. Anjali Priya (3106142017)

Topic: Passive solar techniques to reduce energy demand and maintain indoor comfort

Guide: Rajni Taneja

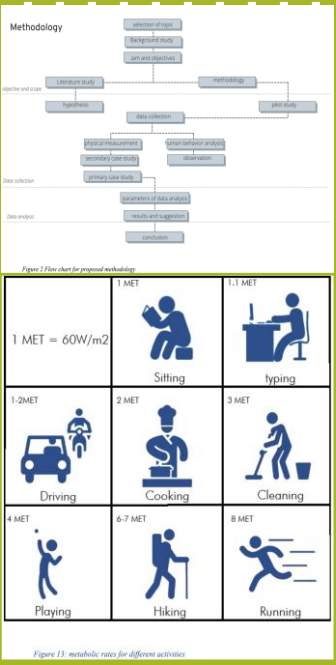


Figure 13: metabolic rates for different activities



Figure 28: analysis of site survey

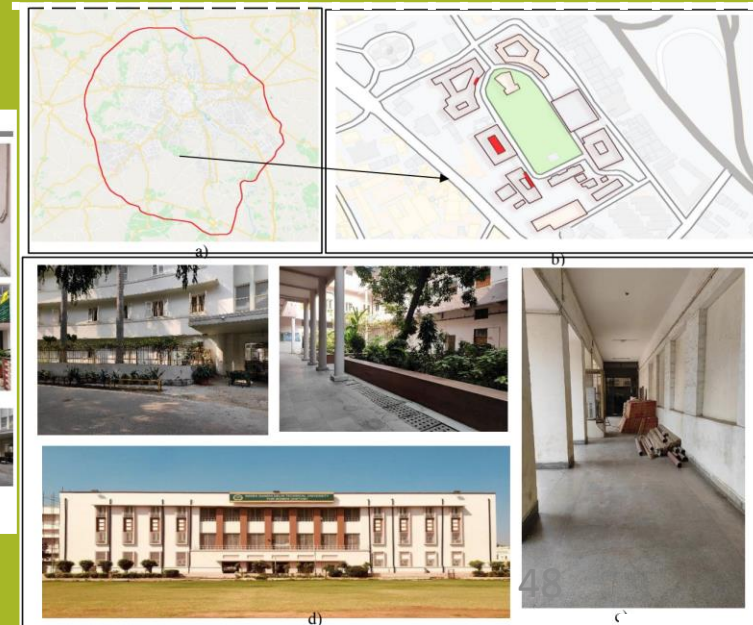
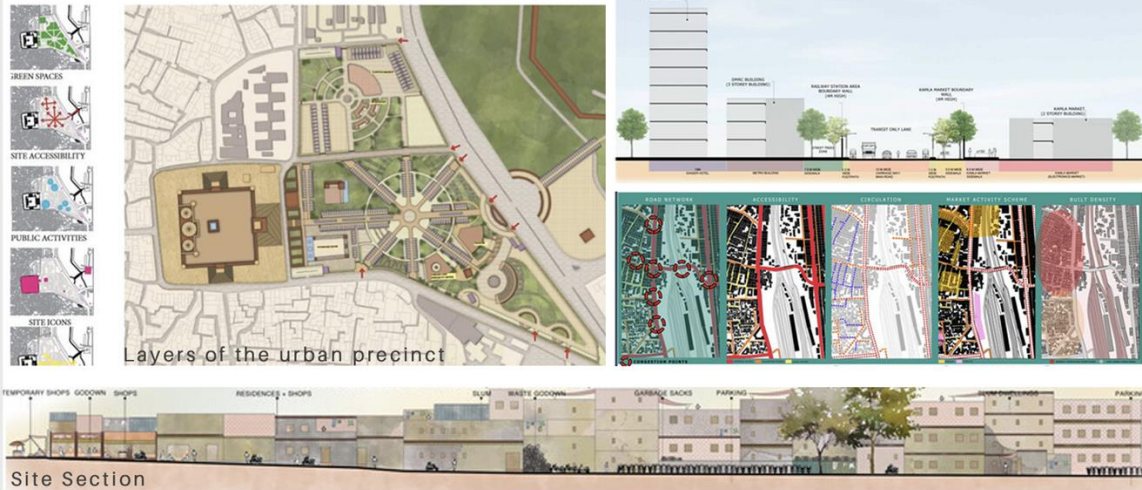
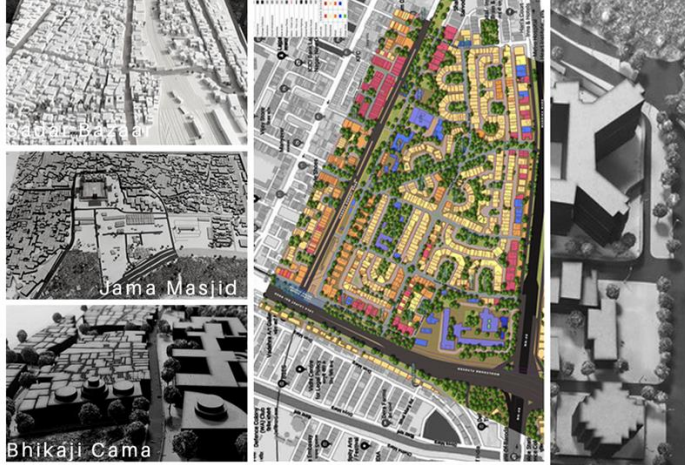


Figure 17: An overview of the site: (a) delhi map (b) IGDТУW (c) images from the site (d) front view

URBAN DESIGN

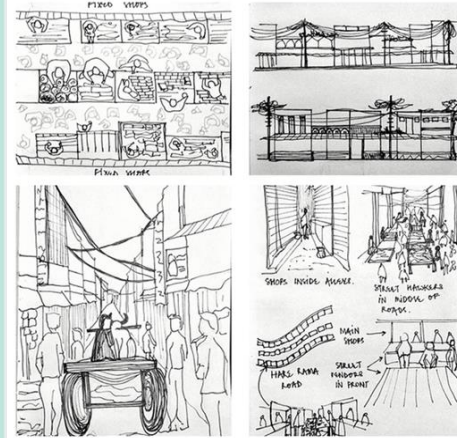
ACADEMIC PROJECTS:

- Urban Development of New Delhi Railway Station
- Urban Development of Sadar Bazaar Market
- Urban development of Jama Masjid Precinct
- Urban Development of Cyber City, Gurgaon
- Urban Development of Lajpat Nagar
- Urban Development of Kashmere Gate
- Urban Development of Bhikaji Cama Place

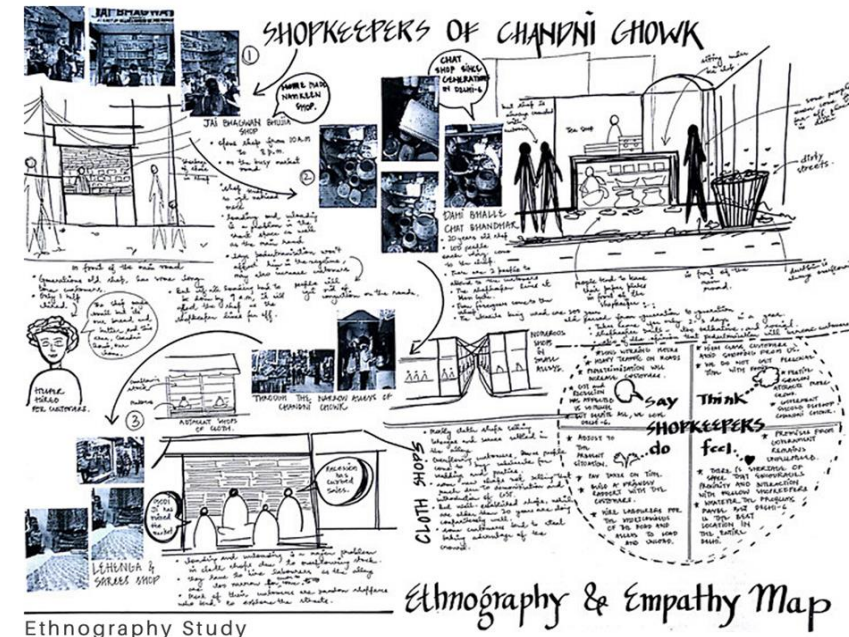


STRATEGIC DESIGN

USER EMPATHY MAPPING JOURNEY MAPPING & ETHNOGRAPHY



Study of the market patterns.



Ethnography Study

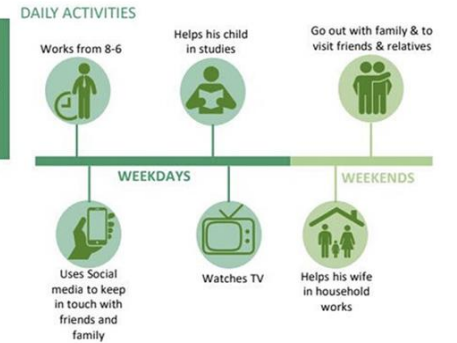
Ethnography & Empathy Map



User Study

Personality

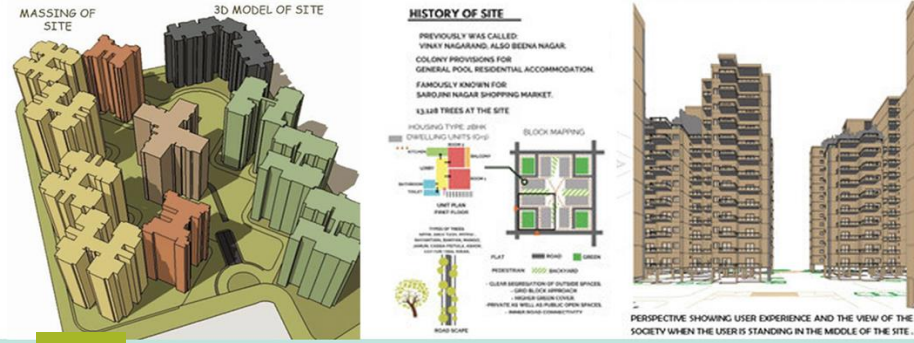
Extrovert	Introvert
Sensing	Intuition
Thinking	Feeling



HOUSING DESIGN

ACADEMIC PROJECT:

- Group Housing Development at Sarojini Nagar



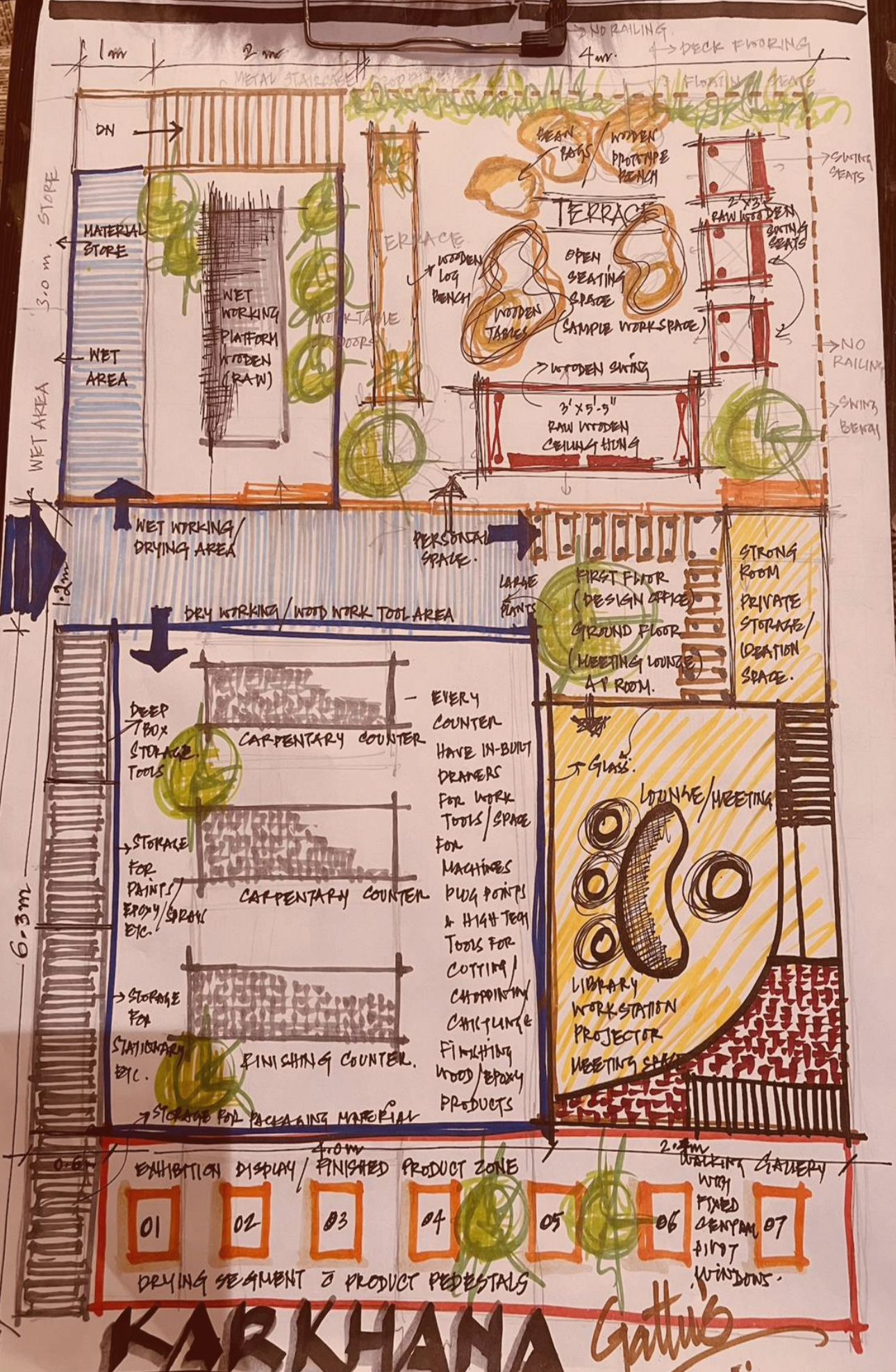
EMERGING PHENOMENA

USER INTERFACE DESIGN

The following project idea highlights waste management through online user interaction.



Upkeep is a maintenance and management application designed for hostellers for ease in contacting maintenance workers.



KARKHANA Gattus

M.PLAN

(2 YEARS DEGREE)



Regional Plan

Regional planning deals with the efficient placement of land use activities, infrastructure and settlement growth across a larger area of land than an individual city or town.

- It is the science of efficient placement of infrastructure and zoning for the sustainable growth of a region.
- Regional Development address region- wide environmental, social and economic issues which any region faces.

Advantages of Regional Planning

- Helps local government to provide services for its citizens, and maintain units for Town based projects.
- Establishes and promotes acceptable land use patterns for agriculture, business, industries, residences, recreation and highways.
- Assists in preventing premature urbanization and overcrowding of areas, which would result in increased demands for services and facilities and the need for higher taxes to support these facilities and services.

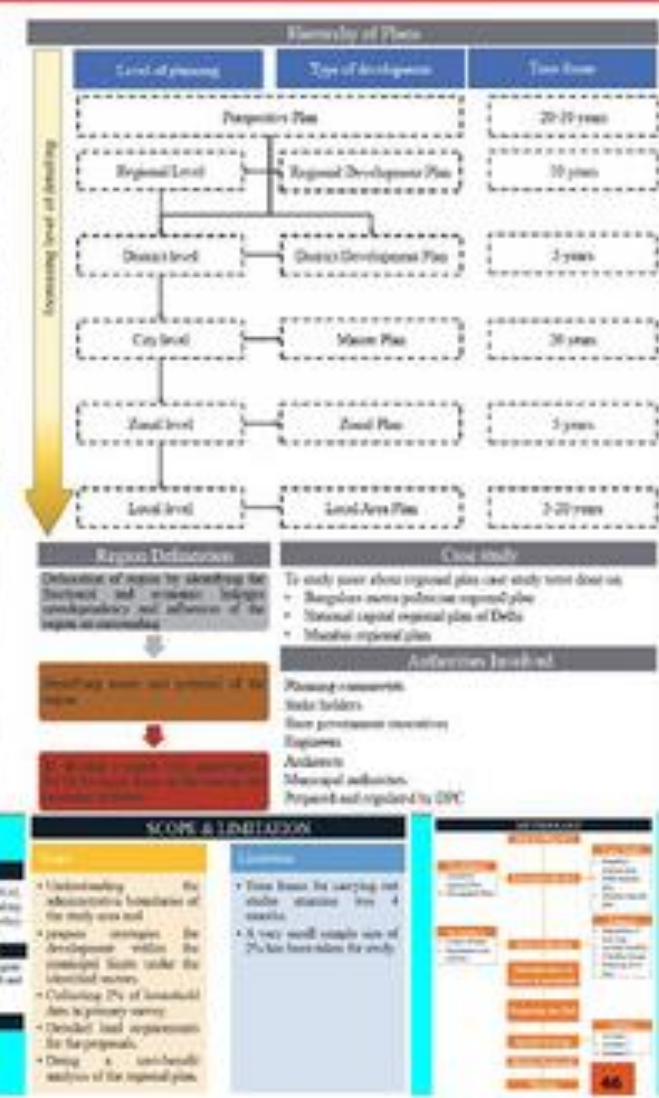
Concept Of Regional Plan

For planned and sustainable development of the human settlements, the regional planning approach as follows is presented. The planning regions could be classified under three levels:

- Administrative Region**, which can be district regions or metropolitan regions as per the recommendations of 73rd & 74th constitution amendments act.
- Development Region**, which can be some commercial manufacturing zones, industrial and freight corridors, special investment regions etc. They could be identified under National level policies.
- Agglomerations**, which are identified in terms of environmental, socio-economic or political regions.

Objective Of Regional Plan

- To achieve effective land use planning in regional level.
- To achieve a spatial equilibrium in all parts of the region.
- To ensure satisfactory housing of all types in regional scale.
- To ensure regional growth of all forms in all areas.
- To ensure an and better pollution in regional. Co-ordinate them.
- To ensure healthy regional growth promoting high income urban agglomerations.
- To ensure good transport infrastructure throughout region.
- To ensure a spatial equilibrium in all parts of the region.
- To ensure regional growth in all forms in all areas.
- To ensure an and better pollution in regional. Co-ordinate them.
- To ensure healthy regional growth promoting high income urban agglomerations.
- To ensure good transport infrastructure throughout region.

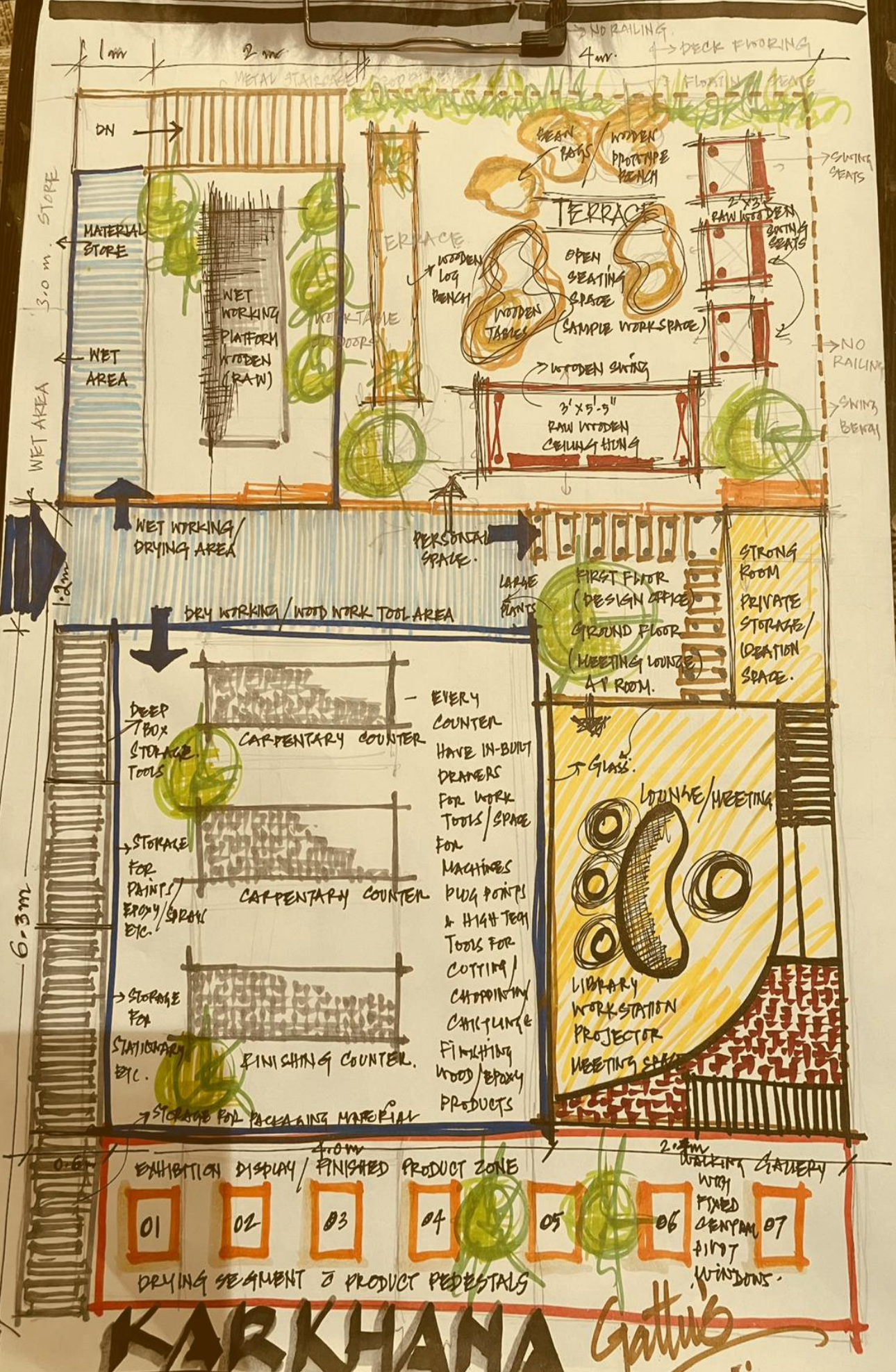


NEIGHBORHOOD PLANNING
SITE - DWARKA SECTOR 9, NEW DELHI

Neighborhood Planning Design exercise given to students as one of their academic project



Proposals given by students during summer internship of arab ki sarai



KARKHANA Gattus

PH.D

(MIN 3-7 YEARS DEGREE)

The Department has introduced the Doctorate in Philosophy in Architecture and Planning program from 2022 with an intake of 08 scholars in Full time and Part time mode. The Department intends to venture into various allied disciplines and a variety of subject for research. Currently scholars are doing research in Urban Planning, Sustainable development & Architecture, Walkability & Transport, Landscape, Women-Friendly cities and Heritage Governance. The Department is known for breaking new grounds and generating unexpected outcomes. Students are encouraged to discover new ways of thinking and problem solving.



Ph.D Supervisor
Prof.(Dr.) Rashmi Ashtt
Urban Planner

She has 18+ years of teaching experience in Architecture and Planning. 11 years of experience in Administering and Managing Architecture colleges, Training and Placements, Foreign Collaborations, counselling and Other allied works. She is also a founder Director- Principal to two Colleges . She has 21+ Years of experience in the field of Architecture and Urban planning. And has also published more than 33 publications in reputed/reowned journals.



Ph.D Co- Supervisor
Dr. Monali Wankar
Conservation Architect

She has 7+ years of teaching in the Architecture profession. Administering and Managing Architecture colleges, Training and Placements, and Other allied work. And have several publications in reputed/reowned journals.

CONFERENCES ATTENDED



Research Scholar



Ar. Shivani Goel
Sustainable
Architect
Presented two paper
at two International
Conferences, 5th
IICSDGs 2022 and
Conclave 2022.

Area of Interest:
Sustainable
Architecture,
Heritage
Development,
Conservation,
Simulation



Ar. Charu Mathur
Landscape Architect
Presented one paper
at International
Conference, Conclave
2022.

Area of Interest:
Landscape
Architecture,
Women Safety in
Green Spaces



Ar. Mani Gupta
Urban Planner
Presented one paper at
International Conference,
Conclave 2022.

Area of Interest:
Urban Planning,
GIS Mapping,
Women Friendly
Architecture



Ar. Ruby Kajal
Urban Planner
presented one paper at
International
Conference, Conclave
2022.

Area of Interest:
Urban Planning,
Eco -Tourism in
Heritage cities,



Ar. Kanwar Dimple
Singh
Urban Planner
Presented one paper
at International
Conferences, Conclave
and published one
paper in NCSBE-2020.

Area of Interest:
Urban Planning,
Transport and
Walkability,
Environmental
Science



Mahak Swami
Geographer

Area of Interest:
Urban Planning,
Riverfront
Development,
Astrology



Ar. Meenakshi Tyagi
Urban Planner
Presented one paper
at International
Conference, Conclave
2022.

Area of Interest:
Urban Planning,
Smart Cities,
Environmental
Planning,
Pedagogy



The Research scholars are doing research in
multi-disciplinary fields like Heritage
Development, Women Sensitization, Gender
sesitization in Green spaces, Non-Motorized
Transportation, Eco-tourism, Riverfront
Development, Smart Cities, Environmental
Planning.

1ST DRC MEETING



The DRC of the first batch of Ph.D was held on 1st June 2023. Teachers from esteemed Universities came to evaluate their progress The Panel members which were there to evaluate their progress were:

S.no	Name	Designation
1	Prof.(Dr.) Sanjukta Bhaduri	Professor, SPA
2	Prof.(Dr.) Ajay Monga	Dean, Dcrust
3	Prof.(Dr.)Virender Paul	Professor, SPA
4	Dr. Nisar Khan	Associate Professor, JMI
5	Dr. Ruchita Gupta	HOD, Housing Planning, SPA
6	Dr. Chetna	HOD, Housing Planning, SPA

Out of 6 scholars, 5 gave their presentations on their respective topics, and 1 scholar also had her JRF approved in the same meeting.

Following are the name of the scholar:

Sno.	Enrollment no	Name
1.	00105142022	Charu Arora Mathur
3.	00305142022	Ruby
4.	00405142022	Shivani Goel
5.	00505142022	Kanwar Dimple Singh
6.	00705142022	Mani Gupta



TRIP TO AMRITSAR



This Educational trip to "Amritsar – Attari Border" was conducted from 12th Nov 2022 to 14th Nov 2022. The trip was focused around exposure visit of 75 students to border areas of the country to sensitize them about the exemplary work done by our defense forces and central police organizations.



To create awareness among students about waste management, the process of waste collection, segregation, converting it to usable energy etc. and the power to help make the world a cleaner place, the students visited badarpur waste management plant.



CENTER FOR EXCELLENCE

IGDTUW has evolved to become a national flagship, research-led university with a mission to foster an environment for excellence in professional education and ensure active participation of women in the field of Engineering, Science, Management, Technology and Architecture.

The university vows to devise sustainable systems and state-of-the-art infrastructure to enable the Indian women to dawn the role of future leaders, managers, researchers and productive team players in the field of science, technology and architecture. The University offers a number of Bachelors, Masters and Doctoral programmes in Departments of Engineering & Technology and Architecture & Planning. The University is situated in the Heart of Old Delhi, the national capital of India in a heritage Campus of 16.8 acres of land, situated at Kashmere gate, with more than 100 years of tales to tell. It is well connected with public transportation system.

The Department of Architecture & Planning was established recently in 2015 and offers Bachelor in Architecture (B.Arch- 5year full time degree) and Masters in Planning (M.Plan- Urban Planning-2year full time degree) programs. The Department started, as a step towards social equity and gender parity in technical professions, having a vision that architectural education should empower students to become protagonist of positive change by exploring, learning and practicing a sustainable form of architecture. The architectural education must, besides imparting knowledge, also endeavor to create opportunities for students to engage with real life issues, so that they can reflect on their role in creating a better world.

The Department has eminent faculty, which have rich industry experience also in major domains like education, healthcare, infrastructure planning, sustainable architecture, urban design and management etc. To further their knowledge and research in their areas of expertise, the faculty is constantly engaged in endeavors related to research, practical learning and knowledge sharing in these areas. All such ventures have been executive with the intent to involve students towards a more industrial and practical learning approach.

The Course curriculum and Teaching pedagogy has been well discussed and construed as a convergent and growing learning experience. Many experts from the field are engaged from time to time during intense positive discussions to enrich the learning experience of the students at par with the international idol Universities and their curriculum. Many National and international avenues have been opened and explored to expand the learning experience across the globe. Students are encouraged to participate at par and beyond with the faculty in all academic and administrative works to develop not only as an industry ready individual but a good human being who is sensitive towards the community, availability of resources and understand the value of opportunities towards a positive vision.



CENTRE FOR SUSTAINABLE DEVELOPMENT (CSD), A STUDENT-DRIVEN INITIATIVE IN THE UNIVERSITY TO FULFIL THE MANDATES OF THE 17 SDGs OF THE UN

CSD is segregated into 6 teams which work on specific SD goals and have launched 6 different campaigns.

Team Cognito

SDG 8- Decent Work and Economic Growth
SDG 9- Industry Innovation and Infrastructure

Campaign Name- COMPUTE TO SUSTAIN

Campaign Theme- Green Computing

Team Inayat

SDG 7- Affordable and Clean Energy
SDG 12- Responsible Consumption and Production
SDG 13- Climate Action

Campaign Name- CARE, WEAR AND REPAIR

Campaign Theme- Sustainable Fashion

Team Eudaimonia

SDG 3- Good Health and Well-being
SDG 6- Clean water and sanitation

Campaign Name- BIN PAANI SAB SOON

Campaign Theme- Water Footprints

Team Sashakt Drishti

SDG 11- Sustainable Cities and Communities

Campaign Name- #CHALE STREE, STRESS- FREE

Campaign Theme- Gender Responsive Metro Stations

Team Pejas

SDG 16- Peace, Justice and Strong Institutions

Campaign Name- #CHILLAO SE CHILL

Campaign Theme- Peace Club

Team Adira

SDG 4- Quality Education
SDG 5- Gender Equality
SDG 10- Reduced Inequalities

Campaign Name- SAB PADHENGE, AAGE BADHENGE

Campaign Theme- Women in Financial Literacy

Various events and activities have been conducted under these campaigns such as **Sustainable Sundays**, establishing a **Peace wall**, **Twitter campaigns**, **Cloth donation drives**, and various sessions.

CSD is expanding its *online reach and engagement* over time. We request all of you to connect with us on our **social media handles** and urge the students to take maximum participation in SD related initiatives.



Instagram- https://instagram.com/csd.igdtuw?utm_medium=copy_link

Twitter- https://twitter.com/csd_igdtuw

Linkedin- <https://www.linkedin.com/company/centre-for-sustainable-development-igdtuw>

YouTube- <https://youtube.com/channel/UCCPvAJqV16oLDF2BbJhfITw>

Discord- <https://discord.gg/Q8ANUz2C>



ADIRA

An initiative by

Centre for Sustainable Development
Indira Gandhi Delhi Technical University for Women

Quality Education, Gender Equality & Reduced Inequalities

सब पढ़ेंगे, आगे बढ़ेंगे

OUR GOAL FOR THIS PHASE

- Gender equality
- Women in STEM
- Donating books
- Digital literacy among elderly



बिन पानी सब सून

An initiative by

Centre for Sustainable Development
Indira Gandhi Delhi Technical University for Women

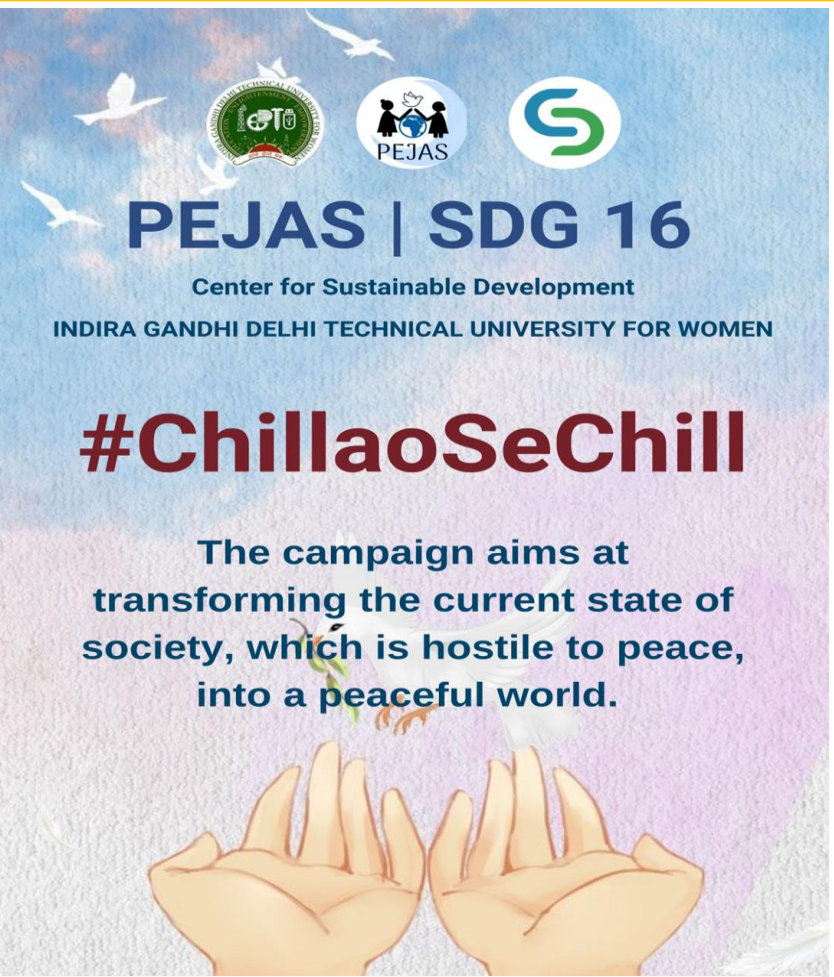
To promote Sustainable Development Goals and bring change in this Society

Our Campaign Spreads Awareness About Water Footprint through four interactive events and sensitize everyone to be responsible consumers.

EUDAIMONIA

We symbolize happiness and free spirit and promote

- SDG 3 - Good Health and Well Being
- SDG 6 - Clean Water and Sanitation



PEJAS | SDG 16

Center for Sustainable Development
INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN

#ChillaoSeChill

The campaign aims at transforming the current state of society, which is hostile to peace, into a peaceful world.



Sashakt Drishti

An initiative by

Centre for Sustainable Development
Indira Gandhi Delhi Technical University for Women

चले स्त्री

STRESS-FREE

Our campaign aims to provide
SAFE AND SUSTAINABLE
METRO TRAVEL FOR WOMEN



CENTRE FOR SUSTAINABLE DEVELOPMENT

Indira Gandhi Delhi Technical University for Women

COGNITO

COMPUTE TO SUSTAIN

- Compute To Sustain is an initiative by Cognito, promoting the idea of Green Computing.
- Reduce carbon footprints from technology through its mindful usage.
- Sustainable Sundays is a digital campaign aimed at raising awareness of Green Computing and steps that can be taken to put it into effect.
- An exciting competition where the young innovative minds get a platform to pitch their revolutionary ideas on the pivotal topic of sustainability in this era of industry growth.



INDUSTRY, INNOVATION AND INFRASTRUCTURE

SDG 9



INAYAT

An initiative by

Centre for Sustainable Development
Indira Gandhi Delhi Technical University for Women

Care, Wear & Repair

Be a part of our wardrobe revolution!

Our campaign "Care, Wear & Repair" aims at the minimal waste of clothes and promotes sustainable fashion.

- Our Sustainable Development Goals are:
- SDG 7: Affordable and Clean Energy
 - SDG 12: Responsible Consumption and Production
 - SDG 13: Climate Action



DECENT WORK AND ECONOMIC GROWTH

SDG 8



G20 **भारत 2023 INDIA** **75** **Azadi Ka Amrit Mahotsav**

Indira Gandhi Delhi Technical University for Women
Women Education | Women Enlightenment | Women Empowerment

INTER-UNIVERSITY SLOGAN WRITING COMPETITION

23RD JANUARY, 2023

THEME
INTERNATIONAL DAY OF EDUCATION

INSTRUCTIONS

- SLOGAN TO BE PRESENTED IN A VIDEO OF MAX 1 MIN.
- VIDEO TO BE SUBMITTED BY 23RD JANUARY 2023, 6:00 PM AT [HTTPS://DRIVE.GOOGLE.COM/DRIVE/FOLDERS/1T1BIFHPVRPH840RC6Y3CC](https://drive.google.com/drive/folders/1T1BIFHPVRPH840RC6Y3CC)
- [AALSZAIYJV1E9OVF7-1GBNG6-NLM4BCZKDUQTOWVVBABRDYTOWFK7](https://drive.google.com/drive/folders/1T1BIFHPVRPH840RC6Y3CC)
- USP=SHARING

COORDINATORS NAME:
DR. RASHMI ASHTT: +91 97282 31244
DR. MONALI WANKAR: +91 97293 91008
STUDENT COORDINATOR:
AR. MANI GUPTA: +91 98181 80038

G-20

G20 **भारत 2023 INDIA** **75** **Azadi Ka Amrit Mahotsav**

इंदिरा गांधी दिल्ली प्रौद्योगिकी महिला विश्वविद्यालय
Education - Enlightenment - Empowerment

DEPARTMENT OF ARCHITECTURE AND PLANNING
CELEBRATING

विश्व हिन्दी दिवस

10 जनवरी, 2023

हिंदी सुलेख प्रतियोगिता

विषय : वसुधैव कुटुंबकम्

G20 **भारत 2023 INDIA** **75** **Azadi Ka Amrit Mahotsav**

Indira Gandhi Delhi Technical University for Women
Women Education | Women Enlightenment | Women Empowerment

INTER-UNIVERSITY POSTER MAKING COMPETITION

17TH-20TH JANUARY, 2023

TOPICS

- SAVE GIRL CHILD: PROMISING BETTER FUTURE
- UNRAVELING HERITAGE OF INDIA AS ECONOMIC RESOURCE
- SUSTAINABLE ECONOMIC DEVELOPMENT

INSTRUCTIONS

- SIZE OF POSTER NEEDS TO BE A3
- E-POSTER TO BE SUBMITTED BY 19TH JANUARY 2023, 6:00 PM

COORDINATORS NAME:
DR. RASHMI ASHTT: +91 97282 31244
DR. MONALI WANKAR: +91 97293 91008
STUDENT COORDINATOR:
AR. MANI GUPTA: +91 98181 80038

G20 **भारत 2023 INDIA** **75** **Azadi Ka Amrit Mahotsav**

Indira Gandhi Delhi Technical University for Women
WITH MANTRA OF ONE EARTH, ONE FAMILY & ONE FUTURE....

CELEBRATING REPUBLIC DAY AND INDIA'S G20 PRESIDENCY AT IGDTUW

INTERNATIONAL EDUCATION DAY **NATIONAL GIRL CHILD DAY**

- CULTURAL EVENT
- INTER UNIVERSITY SLOGAN WRITING COMPETITION
- ANNOUNCEMENT OF SCHOLARSHIPS FOR GIRLS
- INTER UNIVERSITY POSTER MAKING COMPETITION

• LAUNCHING G20 BALLOON • FLAG OFF CYCLE RUN • INAUGURATION OF UNITY WALL & FLAG HOISTING

E: 24TH JANUARY, 2023 TIME: 10:00 AM VENUE: CENTRAL LAWNS

G20 **भारत 2023 INDIA** **75** **Azadi Ka Amrit Mahotsav**

Indira Gandhi Delhi Technical University for Women
Women Education | Women Enlightenment | Women Empowerment

GLIMPSES OF INTER-UNIVERSITY POSTER MAKING COMPETITION

DATE- 22.01.2023

THEMES

SAVE GIRL CHILD: PROMISING BETTER FUTURE
INTERNATIONAL DAY OF EDUCATION
SUSTAINABLE ECONOMIC DEVELOPMENT

E

Contact us: 011- 23900261, 23900264 Website: www.igdtuw.ac.in

Indira Gandhi Delhi Technical University for Women
Women Education | Women Enlightenment | Women Empowerment

Department of Architecture and Planning
Is organising

E-Poster Making Competition
from **5th-10th June**
1st prize: Rs.1000/- 2nd prize: Rs750/- 3rd prize: Rs.500/-
On the occasion of **WORLD ENVIRONMENT DAY**

https://docs.google.com/forms/d/1c2lv2hT2_KY1XKtEXLjih0h_HZRUMFTnwXmCvvpBzW64/edit

TEACHER COORDINATOR : DR. RASHMI ASHTT STUDENT COORDINATOR : MANI GUPTA

Department of Architecture and Planning had organized an E- poster making competition from 5th-10th June on the occasion of World Environment Day. 1st prize: Rs.1000,2nd prize: Rs.750 and 3rd prize: Rs.500.

Indira Gandhi Delhi Technical University for Women
Women Education | Women Enlightenment | Women Empowerment

DEPT. OF ARCHITECTURE AND PLANNING
IS ORGANISING A

Slogan Writing AND POSTER MAKING COMPETITION
TO CELEBRATE **INTERNATIONAL YOGA DAY**

21ST JUNE 2023 10:00AM - 1:00PM

ARCHITECTURE DEPT.
TEACHER COORDINATOR:
PROF. DR. RASHMI ASHTT
DR. MONALI WANKAR

DAP had organized a Slogan Writing and Poster Making Competition to celebrate International Yoga Day on 21st June 2023 under the head of Azadi Ka Amrit Mahotsav and G20 Summit.

Indira Gandhi Delhi Technical University for Women
Women Education | Women Enlightenment | Women Empowerment

Celebrating International YOGA Day

LIVE YOGA SESSION BY SHUCHI MOHAN
DATE- 21ST JUNE, 2023 AT 3:00PM
VENUE: ADMIN BLOCK ROOM NO. 112, STUDIO 2

YOU ALL OUR CORDIALLY INVITED TO JOIN THE YOGA SESSION

TEACHER COORDINATOR: PROF. DR. RASHMI ASHTT DR. MONALI WANKAR MS. SARIKA

IGDTUW had organized A live yoga session "The Transformative Power of Yoga: Overcoming the Sedentary Lifestyle Barrier to celebrate International Yoga Day with Shuchi Mohan on 21st June 2023 at 3:00pm

Indira Gandhi Delhi Technical University for Women
Women Education | Women Enlightenment | Women Empowerment

EXPERT TALK ON DRUG FREE INDIA

26 June
TIME- 3-00PM TO 4-00PM
VENUE-DEPARTMENT OF MANAGEMENT

Dr. Aakanksha Bhatia
Founder NGO, mannRaahi
A Teen Mental health social Enterprise

Teacher Coordinator:
Prof. Dr. Rashmi Ashit
Dr. Monali Wankar
Ms. Sarika

Indira Gandhi Delhi technical University for women had organized an expert talk on Drug free India on 26 June at 3 PM at department of management.

Indira Gandhi Delhi Technical University for Women
Women Education | Women Enlightenment | Women Empowerment

DEPT. OF ARCHITECTURE AND PLANNING
IS ORGANISING A

Sketching Workshop
IN COLLABORATION WITH **Urban Sketchers Delhi**

14TH MAY 2023 9:00AM - 11:00AM

IGDTUW CAMPUS
TEACHER COORDINATOR: DR. RASHMI ASHTT
STUDENT COORDINATOR:
MANI GUPTA, SHIVANI GOEL, KANWAR DIMPLE SINGH

Department of Architecture and Planning, IGDTUW had organized a professional sketching workshop in collaboration with @urbansketchersdelhi on 14th May 2023, Sunday.

Indira Gandhi Delhi Technical University for Women
Women Education | Women Enlightenment | Women Empowerment

DEPT. OF ARCHITECTURE AND PLANNING
IS ORGANISING A

CASE STUDY & INTERACTIVE SESSION
with **AR. ASHOK B LALL**

TIME: 12 NOON
DATE- 14TH MAY 2023
VENUE
2-B, RAM KISHORE ROAD, CIVIL LINES, NEW DELHI, DELHI 110054

TEACHER COORDINATORS
DR. RASHMI ASHTT (HO)
DR. MONALI WANKAR (ASSOCIATE PROF.)
RUPESH KUMAR (ASSISTANT PROF.)
JAI PRAKASH (ASSISTANT PROF.)

Department of Architecture and Planning, IGDTUW had organized a Case Study & Interactive Session with Ar. Ashok B. Lall, on 14th May at 12 Noon at his residence



WORKSHOPS & ACADEMIC TOURS



WORKSHOP ON FUTURE CITIES



ORGANISED BY
DEPARTMENT OF ARCHITECTURE & PLANNING
INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR
WOMEN
 IN COLLABORATION WITH
GOETHE INSTITUT, GERMANY
HELD ON 21/22/23RD OCTOBER 2021

ORGANISERS & EXPERTS LECTURERS AND MODERATORS- FUTURE CITY WORKSHOP

Department of Architecture and Planning, IGDTUW, organised an Online Short Term Course/FDP on “Free Software and Resources for Technical Education” (Oplan no ICT-175) from 21- 25 March, 2022 as a remote centre and host in collaboration with NITTTR, Chandigarh. More than 30 faculty members from IGDTUW from all departments benefited from the course. Certificates were also issued for completion of the course





INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN
Department of Architecture & Planning

6 WEEKS SUMMER INTERNSHIP PROGRAMME

BLENDED MODE

MAPPING OF HERITAGE RESOURCES OF SHAHJAHANABAD (HISTORIC DELHI) THROUGH GIS

IMPORTANT DATES

Last date to apply: 13th June 2022
Internship Starting Date : 13th June 2022
Issuance of certificate: 22nd July 2022

LEARNING OUTCOMES:

- Equip students in dealing with spatial and non-spatial data in an open-source GIS environment.
- To handle different types of raster images - satellite images, historic maps, digital elevation models - using QGIS.
- To use filed data collection apps like SW Maps which will help them in collecting geo-spatial data on cultural heritage later during the summer workshop.

Patron
Dr. (Mrs.) Amita Dev
Hon'ble Vice Chancellor, IGDTUW

Coordinator
Prof. (Dr.) Rashmi Ashtt
Associate Prof. & HOD Preeti Chauhan
Associate Prof. Monali Wankar

RESOURCE PERSONS:

Sh. Shubham Mishra
GIS and Planning Consultancies
Ar. Sunil
Architect and Planner, GIS and Remote Sensing Expert
Dr. Sultan Singh
Principal Scientist, Posted at HARSAC Node, Gurugram

OBJECTIVES OF INTERNSHIP:

- To provide an understanding and exposure to heritage and the challenges faced due to urban developments.
- To render multi-disciplinary and inter-disciplinary practices.
- To focus on the conservation issues under the development pressure on Delhi.

Eligibility: UG, PG students and PhD Scholars
Course Fee: INR 2000/- for IGDTUW students & INR 3000/- for others.
Batch size: 50

Certificate: At the end of the Internship, participants will get an Internship Certificate from DAP, IGDTUW

COME BE A PART OF US

JOIN WITH LINK: <https://docs.google.com/forms/d/e/1FAIpQL5dT8Qc6BQYqADk3j5w0ZZPDvgQBvwyjldmTJD0S2rDVI1dYw/viewform>
Contact no.-9650839869,011- 23900261, 23900264



INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN
Department of Architecture & Planning

6 WEEKS SUMMER INTERNSHIP PROGRAMME
BLENDED MODE

Developing GIS and Story Map of Built Heritage of Shahjahanabad

IMPORTANT DATES
Last date to apply: 2nd June 2023
Internship Starting Date : 5th June 2023
Issuance of certificate: 16th July 2023

LEARNING OUTCOMES:

- Equip students in dealing with spatial and non-spatial data in an open-source GIS environment.
- To handle different types of raster images - satellite images, historic maps, digital elevation models - using QGIS.
- To use filed data collection apps like SW Maps which will help them in collecting geo-spatial data on cultural heritage later during the summer workshop.

Patron
Dr. (Mrs.) Amita Dev
Hon'ble Vice Chancellor, IGDTUW

Coordinator
Prof. (Dr.) Rashmi Ashtt
Associate Prof. Monali Wankar

ASSOCIATIONS:

Ar. Sunil Architect and Planner, GIS and Remote Sensing Expert	Prof. Jit Kumar Gupta Former CTP, Chandigarh
Hitesh Vaidhya Director, National Institute of Urban Affairs	Sayed Zuber ESRI India
Navin Piplani Director, Creative Cluster and Acting Dean, School of Design, Sushant University	Divay Gupta Conservation Architect & Heritage Management Expert
	Dr. Aprajita Singh Education Executive, ESRI

OBJECTIVES OF INTERNSHIP:

- To provide an understanding and exposure to heritage and the challenges faced due to urban developments.
- To render multi-disciplinary and inter-disciplinary practices.
- To focus on the conservation issues under the development pressure on Delhi.

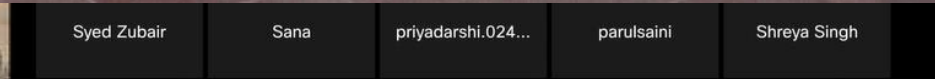
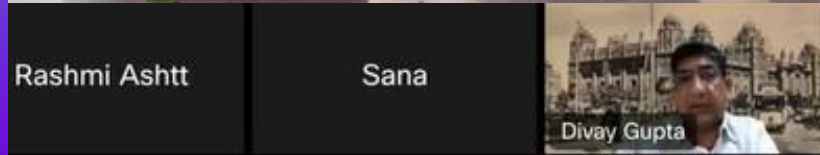
Eligibility: UG, PG students ,PhD Scholars and Professionals
Course Fee: INR 1990/- for IGDTUW students & INR 3000/- for others.
Batch size: 50

COME BE A PART OF US

Certificate: At the end of the Internship, participants will get an Internship Certificate from DAP, IGDTUW

JOIN WITH LINK: <https://docs.google.com/forms/d/4/q/31A1pQL5dTB9Qc58QyqAD633R5w0Z2P0vgQBvwy1dM7T0652r9V11d7w/viewform?usp=sharing>
Contact no.-9650839869,011- 23900261, 23900264

SIX WEEKS SUMMER INTERNSHIP PROGRAMME ON 'DEVELOPING GIS AND STORY MAP OF BUILT HERITAGE OF SHAHJAHANABAD'



esri India
THE SCIENCE OF WHERE™

Geospatial Technology Transformation

Manish Shrivastava (National Head - Education)
Aprajita Singh (Education - North & East)
Syed Zubair (Training Manager - Pan India)



SHOW TASKBAR DISPLAY SETTINGS END SLIDE SHOW

0:21:12 12:48 PM

ABOUT ESRI INDIA

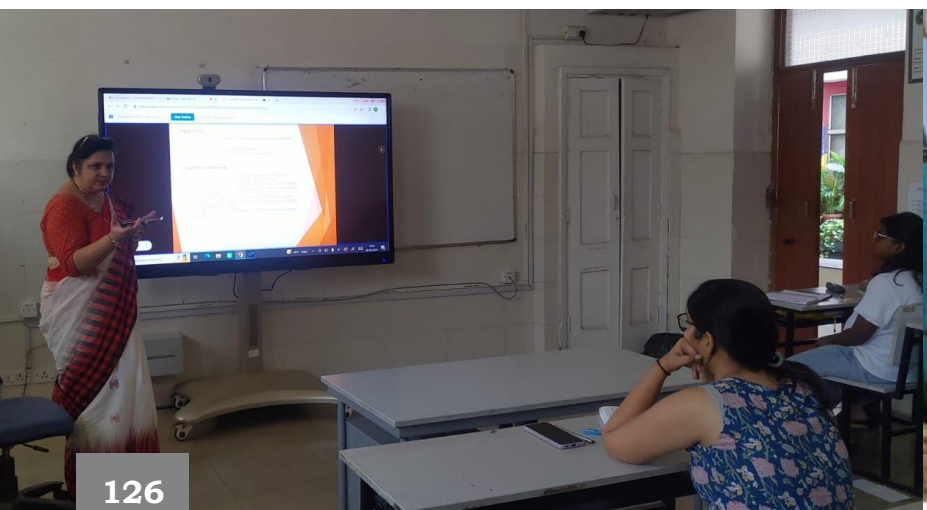
Since 1996, we have been empowering more than 5000 customers across various industries & sectors with our technology.

Business	Government
• Architecture, Engineering & Construction (AEC)	• Central & State Government
• Banking/ Financial Services	• National Mapping
• Insurance	• Urban Transformation
• Logistics	• Public Works/ Municipal
• Manufacturing	• Natural Resources
• Real Estate	• Defense & Homeland Security
• Retail	• Emergency Management
• Telecommunications	• Public Safety
Non-profit	• Mining
• Conservation	• Infrastructure
• Earth Science	• Utilities
• Sustainable Development	• Water
• Education	• Agriculture
	• Health
	• Land Administration

RECOGNITIONS

No Notes.

Department of Architecture and Planning, IGDTUW had organized a six weeks summer internship programme in blended mode on developing GIS and story map of Built Heritage of Shahjahanabad from 5th June to 15th July 2023.



Pradhan Mantri Kaushal Vikas Yojana (PMKVY)



Pradhan Mantri Kaushal Vikas Yojana (PMKVY) training program was conducted by IGDTUW for the students of Management and Architecture Department. Two courses were offered under the PMKVY scheme: Software Developer Associate and Animation Associate - 3D. First year students batch 2022-27 have completed the course successfully. The students who completed the training program were certified.





G20 **IGDTUW** **75 Azadi Ka Amrit Mahotsav**
Indira Gandhi Delhi Technical University for Women

Hands on Workshop
 ON
PAINTING & GRAFFITI
 ON
29th MARCH, 2023
 Time: 9:30am - 5:00 pm
ARTIST
Varuna Goswami
Coordinators:
 Prof.Dr.Rashmi Ashtt Dr.Monali Wankar
Student Coordinator
 Ar.K.Dimple Singh




Department of Architecture and Planning, IGDTUW, organized an workshop from 23- 26 March, 2023 as a creative Work shop. More than 30 faculty members from IGDTUW from all departments benefited from the course. Certificates were also issued for completion of the course



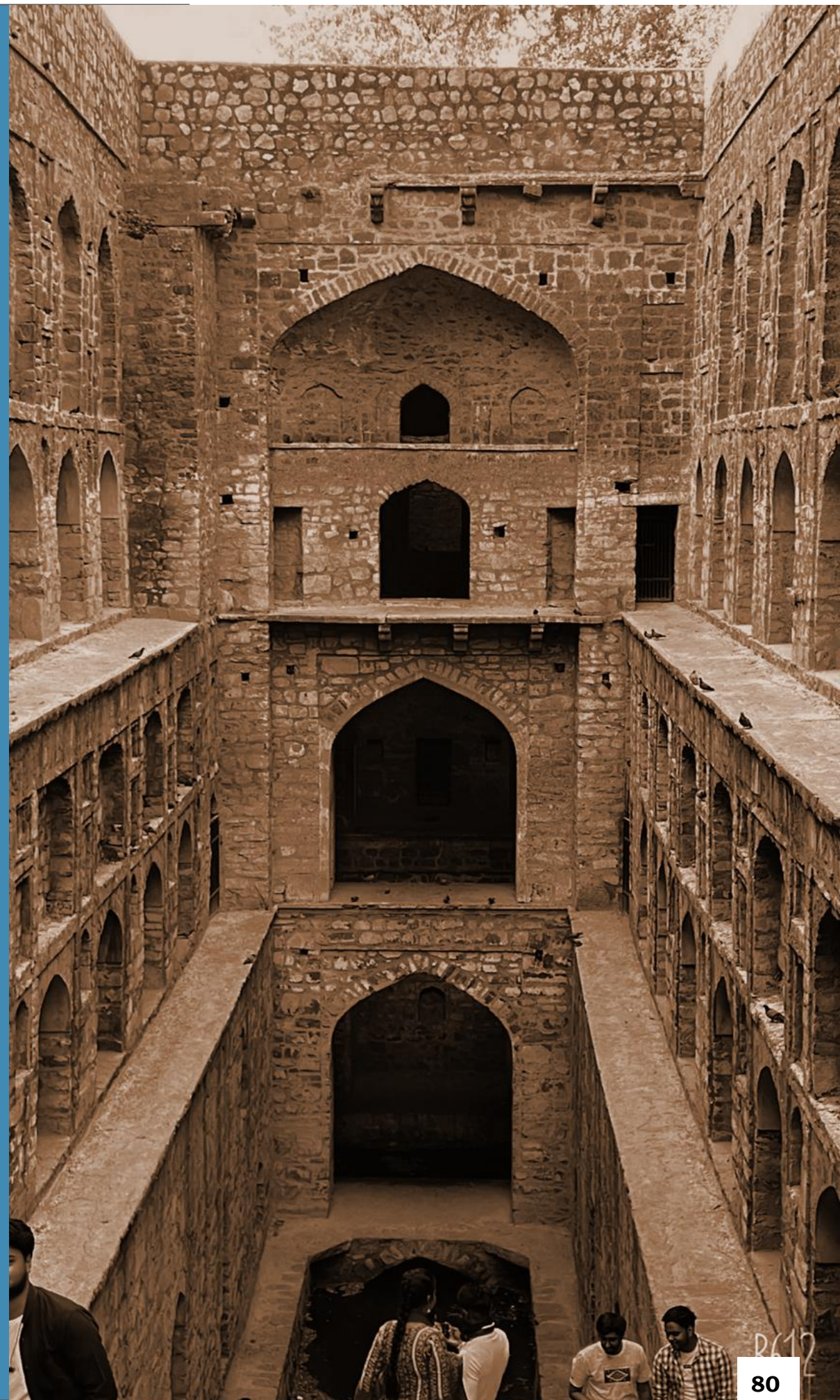
G20 **IGDTUW** **75 Azadi Ka Amrit Mahotsav**
Indira Gandhi Delhi Technical University for Women

Creative Workshop
SLICE OF COLOUR THROUGH RELIEF ART WORK
 ON
23th - 26th MARCH, 2023
 Time: 11:00am - 1:00 pm
RESOURCE PERSON
Sh. Yeg Kishore
 ORGANISED BY
IGDTUW HOSTEL
Coordinators:
 Dr. Monali Wankar,
 Chief Warden, IGDTUW Hostel
 Ms. Bishnupriya Mahapatra,
 Kaveri Hostel, Asst. Warden





Shot on OnePlus x Hasselblad
 South Delhi, Delhi 2022.04.07 12:03
 By Saif



INDIRA GANDHI DELHI TECHNICAL
 UNIVERSITY FOR WOMEN
 DEPARTMENT OF ARCHITECTURE AND PLANNING

ONE DAY TRIP TO HAUZ KHAS

B.Arch first year program
 Batch: 2021-2026

Academic Tour

STUDIO FACULTY

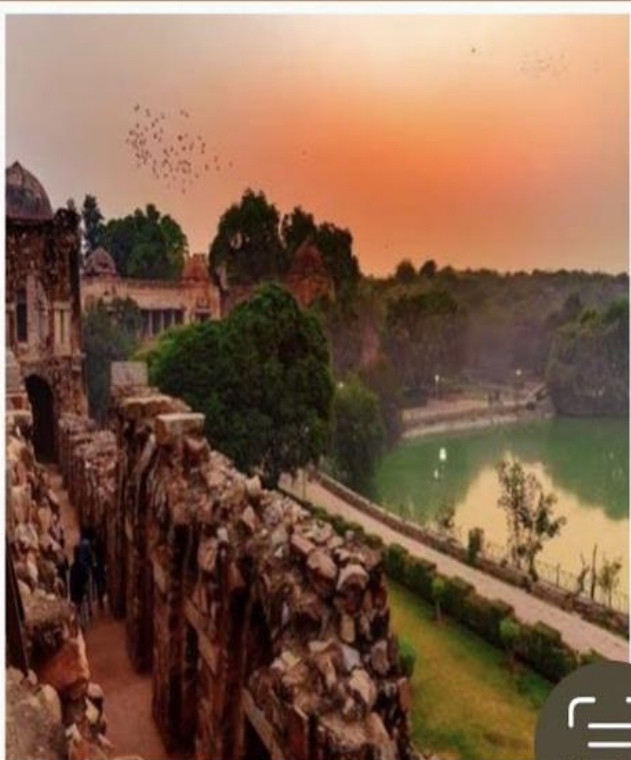
Ar. Manisha D Malcoti

Ar. Garima Singh

Ar. Salil Dogra

HEAD OF DEPARTMENT

Ar. Preeti Chauhan





Indira Gandhi Delhi Technical University for Women
 Women Education | Women Enlightenment | Women Empowerment

IS ORGANISING

HERITAGE WALK

BHARAT PARV 2023

**JOIN US AT
 LAHORI GATE, RED FORT**

**TIME: 2:00 PM
 31ST JANUARY, 2023**



DR. RASHMI ASHTT DR. MONALI WANKAR AR. PREETI CHAUHAN MS.SARIKA



RO
 A

Indira Gandhi Delhi Technical University for Women
Women Education | Women Enlightenment | Women Empowerment
DEPARTMENT OF ARCHITECTURE AND PLANNING

CELEBRATED

WORLD HERITAGE DAY

ORGANISED

VISIT TO JAUNTI VILLAGE

FOR

FOR BATCH 2022

STUDENTS LEARNT ABOUT THE HERITAGE VILLAGE AND
ITS VERNACULAR ARCHITECTURE



The Department of Architecture and Planning, IGDTUW, organized a heritage visit to 'Jaunti Village', to celebrate "WORLD HERITAGE DAY". The village existed from the period of Shahjahan. The students of Batch 2022, learnt about the vernacular architecture of the village under the head of Azadi ka Amrit Mahotsav & G20 summit.



EDUCATIONAL

FIELD TRIP



7TH APRIL 2022

INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN

VISIT AND STUDY OF HAUZ KHAS

ONE DAY TRIP FOR B.ARCH PROGRAM: ACADEMIC TOUR

HEAD OF DEPARTMENT-
AR. PREETI CHAUHAN

STUDIO FACULTY-
AR. GARIMA SINGH
AR. MANISHA D MALCOTI
AR. SALIL DOGRA



INDIRA GANDHI DELHI TECHNICAL
UNIVERSITY FOR WOMEN
DEPARTMENT OF ARCHITECTURE AND
PLANNING

GORAKHPUR MASTER PLAN 2041

Master's in Urban Planning
Batch 2021-23

DATE : FRIDAY, 8th APRIL

TIMINGS : 12 noon onwards

VENUE : Room no.106

LINK : <https://meet.google.com/nim-bwny-rcc>

All are cordially
invited to the

Question & Answer and Insights on
Master plan of Gorakhpur with



SPEAKER

ADITYA NARAYAN
CONSULTANT
GORAKHPUR DEVELOPMENT
AUTHORITY

Co-ordinated by :

Studio Faculty

Ms. Arti Chhabra
Architect & Planner

Ms. Meenakshi Pawar
Architect and Planner

Head of Department

Ms. Preeti Chauhan
Architect & Planner

INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN



DEPARTMENT OF ARCHITECTURE AND PLANNING

Academic tour to National Craft Museum Barch first year program / Batch 2021-26

ADDRESS

Pragati Maidan, Bhairon
Road, New Delhi-110001

DATE & TIME 22 April, 2022 /10:00 am

HEAD OF DEPARTMENT

Ar. Preeti Chauhan

FACULTY

Ar. T.S.Ravichandran Ar. Manisha D Malcoti
Ar. Garima Singh Ar. Salil Dogra



INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN
 Women Education | Women Enlightenment | Women Empowerment

HERITAGE WALK AND TALK WITH HON'ABLE LG AND HON'ABLE VC MA'AM ALONG YAMUNA BANKS

QUDSIA GHAT, KASHMERE GATE

Time : 4:30 pm

Date : 21st March, 2023



Shri Vinai Kumar Saxena
 (Hon'able LG)

Dr. (Mrs.) Amita Dev
 (Hon'able VC Ma'am)

An initiative to orient students of IGDTUW to save Yamuna and develop Yamuna Bank.
 Contact your HODs to participate.

FACULTY CO-ORDINATOR'S NAME:
 DR. RASHMI ASHTT

STUDENT CO-ORDINATOR'S NAME:
 AR. MANI GUPTA: +91 98181 80038



ARCHITECTURAL CONSERVATION

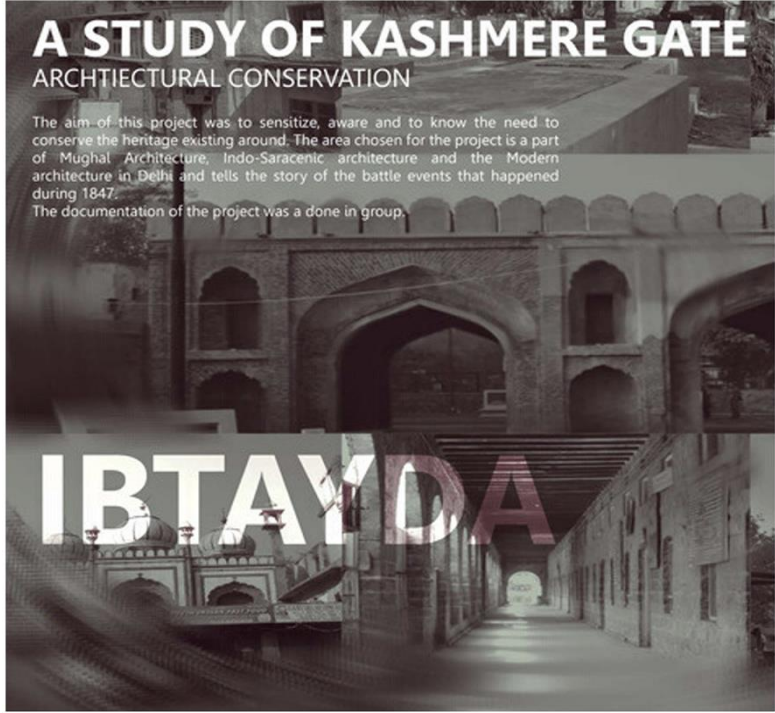
ACADEMIC PROJECT:

- Ibtayda, a study of Kashmere Gate area.


A STUDY OF KASHMERE GATE ARCHITECTURAL CONSERVATION

The aim of this project was to sensitize, aware and to know the need to conserve the heritage existing around. The area chosen for the project is a part of Mughal Architecture, Indo-Saracenic architecture and the Modern architecture in Delhi and tells the story of the battle events that happened during 1847.

The documentation of the project was a done in group.



IBTAYDA

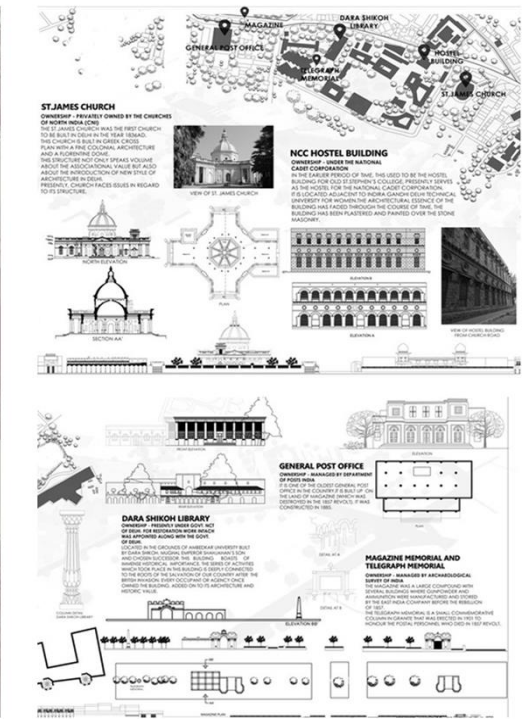


KASHMERE GATE

FIG 1 FINAL ATTACK ON DELHI IN 1857. MAP SHOWING LINE OF FIRE FROM LAHORE AND KASHMERE GATE

FIG 2 MODERN DELHI MAP DEPICTING THE POST ATTACK SCENARIO

FIG 3 MAP OF 1847 DEPICTING DELHI AND ITS SURROUNDING AREAS



ST JAMES CHURCH
CONSTRUCTED BY THE GOVERNMENT OF NORTH INDIA (GNI) IN 1847. THIS CHURCH IS BUILT IN GOTHIC STYLE WITH A SQUARE CHANCEL, A SQUARE TOWER AND A SQUARE CHANCEL.

NCC HOSTEL BUILDING
CONSTRUCTED BY THE NATIONAL CRAFT CORPORATION IN THE EARLY 1950S OF THE YEAR. THIS USED TO BE THE HOSTEL FOR THE NATIONAL CRAFT CORPORATION AS THE HOSTEL FOR THE NATIONAL CRAFT CORPORATION. IT IS LOCATED IN THE VICINITY OF THE NATIONAL CRAFT CORPORATION IN THE VICINITY OF THE NATIONAL CRAFT CORPORATION.

DARA SHIKOH LIBRARY
CONSTRUCTED BY THE GOVERNMENT OF NORTH INDIA (GNI) IN 1847. THIS LIBRARY IS BUILT IN GOTHIC STYLE WITH A SQUARE CHANCEL, A SQUARE TOWER AND A SQUARE CHANCEL.

MAGAZINE MEMORIAL
CONSTRUCTED BY THE GOVERNMENT OF NORTH INDIA (GNI) IN 1847. THIS MEMORIAL IS BUILT IN GOTHIC STYLE WITH A SQUARE CHANCEL, A SQUARE TOWER AND A SQUARE CHANCEL.

GENERAL POST OFFICE
CONSTRUCTED BY THE GOVERNMENT OF NORTH INDIA (GNI) IN 1847. THIS OFFICE IS BUILT IN GOTHIC STYLE WITH A SQUARE CHANCEL, A SQUARE TOWER AND A SQUARE CHANCEL.

SARI EXHIBITION

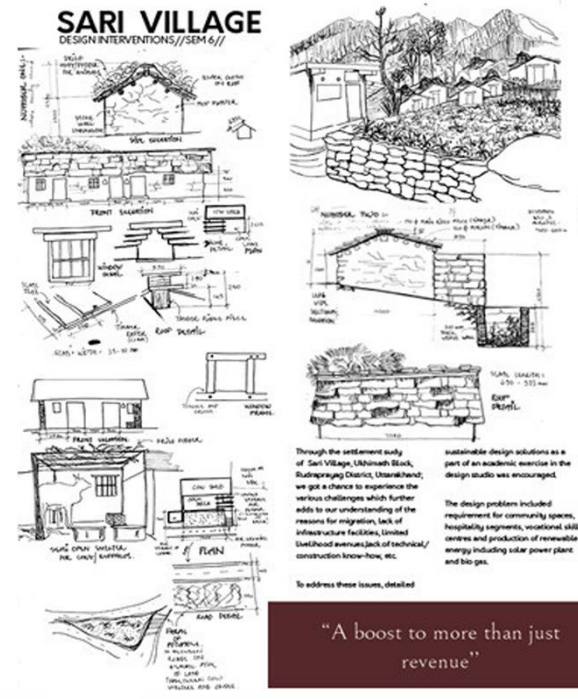


SETTLEMENT STUDY

ACADEMIC PROJECT:

- Eco-tourism Hotspot, Sari Village, Uttarakhand.

SARI VILLAGE DESIGN INTERVENTIONS//SEM 6//



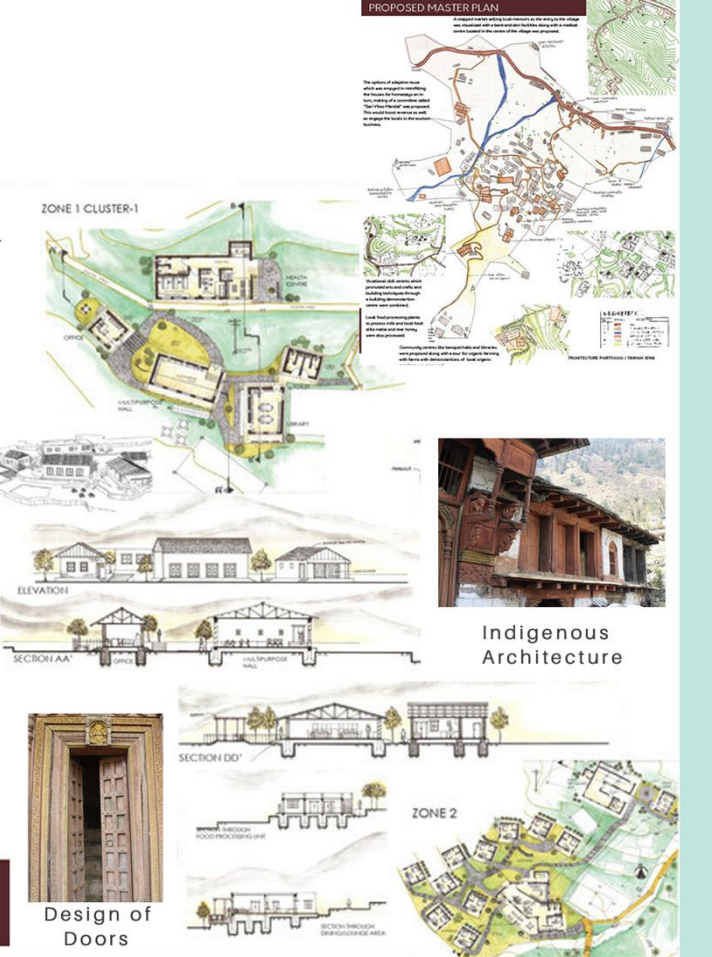
Through the settlement study of Sari Village (Uttarakhand), Uttarakhand, we got a chance to experience the various challenges which further adds to our understanding of the reasons for migration, lack of infrastructure facilities, limited livelihood avenues, lack of technical/construction know-how, etc.

To address these issues, detailed sustainable design solutions as a part of an academic exercise in the design studio was encouraged.

The design problems included requirement for community spaces, hospitality segments, vocational skill centres and production of renewable energy including solar power plant and bio gas.

"A boost to more than just revenue"

PROPOSED MASTER PLAN



Indigenous Architecture

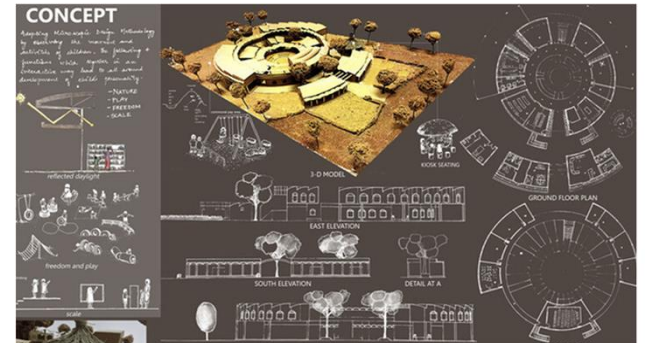
Design of Doors

ARCHITECTURAL DESIGN

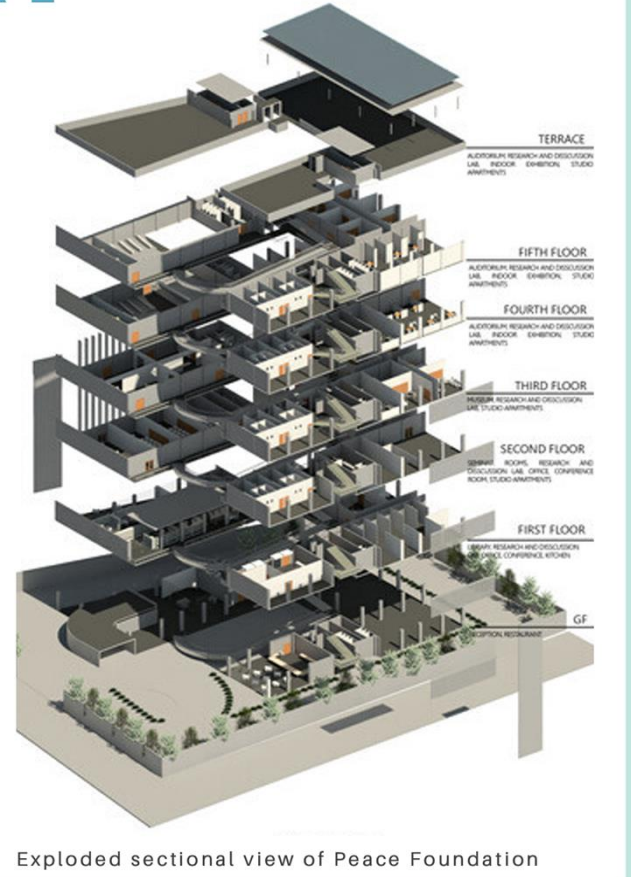
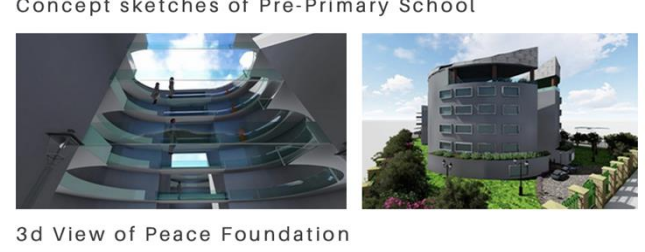
ACADEMIC PROJECTS:

- Community Shopping Centre (2nd Semester)
- Crafts Museum (3rd Semester)
- Pre-Primary School (4th Semester)
- Peace Foundation (5th Semester)

CONCEPT



Concept sketches of Pre-Primary School



MENTAL HEALTH



ANTARGAT
Department of Architecture and Planning
Indira Gandhi Delhi Technical University for Women
presents

HEALTH FOR ALL

KNOWLEDGE SHARING AND LIFE INSPIRING LECTURE BY
DR. SHIVANI MISRI SADHOO

ON 'How to cope and manage Mental Health during COVID-19.'



Dr. Shivani Misri Sadhoo
Counseling Psychologist and Certified Couples Therapist.

Shivani is based out of New Delhi. She is also a Certified DBT, CBT and Emotionally Focussed Therapist(EFT).
Founder-Director Saarthi Counselling Services and Healing Path LLP.

DATE- 25th APRIL 2022
TIME-11 AM onwards
VENUE- IGDTUW Auditorium


FACULTY COORDINATOR-
Ar. Preeti Chauhan (HOD, DAP)
Ar. Jahnnabi Kalita (DAP)
Ms. Deepti Chhabra (MAE)

STUDENT COORDINATOR-
Jyoti Meena
Chanchal Soni
Palak Verma
Kajal Prajapati



antargat@igdtuw.ac.in counsellorshivanisadhoo.com +91 88826 30730

SKINCARE




ANTARGAT
Department of Architecture and Planning
Indira Gandhi Delhi Technical University for Women
presents

"HEALTH FOR ALL"

KNOWLEDGE SHARING AND LIFE INSPIRING LECTURE BY
DR. ARVIND KAUL

ON
"SKIN CARE, PRECAUTIONS AND POST COVID 19 MEASURES"




DR. ARVIND KAUL
Consultant Dermatologist
Max Multi-speciality Center,
Panchsheel park

DATE: 12th APRIL 2022
TIME: 11 AM ONWARDS
VENUE: IGDTUW Auditorium

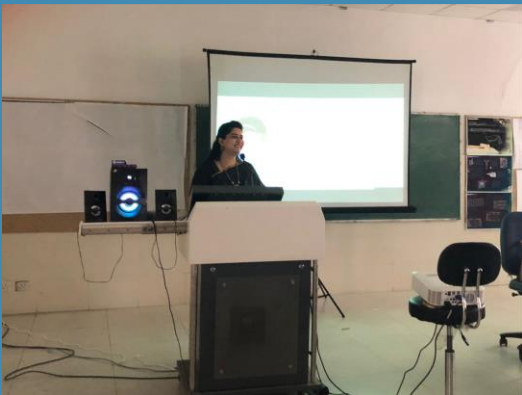
FACULTY COORDINATOR-
Ar. Preeti Chauhan (HOD, DAP)
Ar. Janhavi Kalita (DAP)
Ms. Deepti Chhabra (MAE)

STUDENT COORDINATOR-
Jyoti Meena
Chanchal Soni
Palak Verma
Kajal Prajapati

EXPERTISE IN :
PEDIATRIC DERMATOLOGY
DERMAL FILLERS
ABALATIVE & NON-
ABALATIVE RESURFACING
LASERS



antargateigdtuw.ac.in +91 88826 30730



PUBLIC HEALTH



ANTARGAT
Department of Architecture and Planning
Indira Gandhi Delhi Technical University for Women
presents

"HEALTH FOR ALL"

KNOWLEDGE SHARING AND LIFE INSPIRING LECTURE BY
DR. MUKUL JAIN
ON
"PUBLIC HEALTH"



DR. MUKUL JAIN
M.B.B.S. (Lady Hardinge Medical College)
M.D. (CHA) in Community Health Administration from NHFW

DATE: 13th APRIL 2022
TIME: 11 AM ONWARDS
VENUE: IGDTUW Auditorium


FACULTY COORDINATOR-
Ar. Preeti Chauhan (HOD, DAP)
Ar. Jahnabi Kalita (DAP)
Ms. Deepti Chhabra (MAE)

STUDENT COORDINATOR-
Jyoti Meena
Chanchal Soni
Palak Verma
Kajal Prajapati

EXPERTISE IN :
BONE HEALTH
EYECARE
POSTURE
PERSONAL HYGIENE





BONE AND JOINT HEALTH



ANTARGAT
Department of Architecture and Planning
Indira Gandhi Delhi Technical University for Women
presents

HEALTH FOR ALL

KNOWLEDGE SHARING AND LIFE INSPIRING LECTURE BY
DR. MANISH KUMAR SAINI
ON
"BONE AND JOINT HEALTH"




DR. MANISH KUMAR SAINI
Senior Orthopaedic Surgeon
Joint replacement, Arthroscopy/ Sports medicine and Trauma at Shalby Hospitals

DATE- 18th APRIL 2022
TIME-11 AM onwards
VENUE- IGDTUW Auditorium

FACULTY COORDINATOR-
Ar. Preeti Chauhan (HOD, DAP)
Ar. Jahnabi Kalita (DAP)
Ms. Deepti Chhabra (MAE)

STUDENT COORDINATOR-
Jyoti Meena
Chanchal Soni
Palak Verma
Kajal Prajapati

QUALIFICATIONS
MBBS (MAMC , Delhi)
MS Ortho (LHMC , Delhi)
FIASM (International Fellowship Arthroscopy & Sports Medicine)
Fellowship Joint Replacement
Dip. SICOT (Belgium) , FIFA Diploma



antargat@igdtuw.ac.in Doctor's Email: sainimanish492@gmail.com +91 88826 307



A C H I E V E M E N T S

The vision of the department has always been the development of individual girl student into a responsible member of peaceful, pluralist and inclusive society by learning to explore, and practicing architecture that is sustainable, wholesome and experiential. The department aspires to be the leading voice of excellence in the field of architecture and planning in the country by addressing important issues of society through architecture.

WE INTROSPECT, IDEATE AND INNOVATE.



YEAR 2019
Best Paper Award, AIST 2019

Research papers published:
Application of spatial informatics
• 'Role of artificial intelligence in assisted living centers for the elderly' presented in the International Conference of Artificial Intelligence

Organised workshop on:

- Building earthquake resistant structures in Nasa, IET Bhadal



YEAR 2018
Special Mentions
ZNDZ
ZONAL NASA



YEAR 2018
Selected for Workshop on Earthquake Resistant Practices at IIT Kanpur NICEE



YEAR 2016
Participated at Paris Riverfront Restaurant Design Competition ARCHASM



YEAR 2018
2 of the 3 winners at University Level under Swachh Bharat Summer Internship



YEAR 2017
Won 6th position in National Level Architecture Quiz ARCHUMEN



YEAR 2016
Won first prize in Best ACT OF GREEN DESIGN Competition AMITY Univ Noida

A C T I V I T I E S

Events and activities are a main aspect of the pedagogy of the institute's learning process. We encourage a mindful and holistic development where interaction with the surroundings immerses oneself in the process of learning.

Team spirit, confidence and inter personal skills along with a memorable experience are what we intend to extract from such exposures.



Trip to Qutub Minar Complex



Trip to Chandigarh



Construction trip to Steel Plant



Guest Lecture on sustainable design



Trip to Sari Village



Visit to Laurie Baker Centre



Workshop at Arcade Foundation



Exhibition of Settlement Study of Sari Village



Dramatics Workshop

S T U D E N T L A B S

CAD LAB

Computer aided design lab is an essential component of Architectural Education. It is equipped with twenty latest computers.

SURVEY LAB

At present, the survey lab has chain tape survey set, total station, prismatic compass, theodolite, plane table, GPS, Measuring tapes etc.

CARPENTRY AND METAL CUTTING WORKSHOP

This workshop entitles the students to a hands-on learning resource of construction techniques.

FOUNDRY AND CLAY MODELLING WORKSHOP

The students learn model making techniques for visual presentation of their design studio projects.

MATERIAL MUSEUM

The museum has display of building construction materials used for both interior and exterior use in the building.

CLIMATOLOGY LAB

Climatology Lab with modern instruments is being setup in the Department of Architecture and Planning.

RESOURCE ROOM

The resource room teaches students about all building systems like structural skeleton of the building etc.

Even though the department of architecture is a nascent department of IGDTUW, however, owing to the University commitment for the quality education in all disciplines, the various labs and workshops in the Department have been set up in a short span of time.



BATCH OF 2015-2020

B.ARCH



TRAINING & PLACEMENTS

The TnP cell of Department of Architecture and Planning focuses on imparting technical training and to encourage curiosity and innovativeness among the students and the foundation from where they can acquire quick learning ability and adaptive learning with the fast-changing needs of the industry. The architecture and planning course, both are designed as it is to make each student think for herself and bring out hidden talents and develop skills, serves to create responsible citizens too. Identifying problems and solving them is the one thing that they learn to do very early in their course- each following first a given process and then gradually developing their own methods of working. It is this aspect that gives them the adaptability that allows them to diversify into any other field of research or study quite easily.

They are all-rounders in a very positive sense. They are all good at design thinking and its implementation. Every studio project requires them to look at each site and programme in its entirety the site, the design programme, the users and so on. Orientation, site conditions, and choice of structure and materials and methods of building have a direct effect on the environmental implication. Thus, by the time our students reach their final year, they are individuals in their own right, thinking young men and women trained to design spaces that are aesthetic, environmentally friendly, energy economic, socially and contextually responsive and above all are citizens that could help make this world of ours a better place to be in with inclusivity, affordability and humaneness as part of their psyche. Our students are working in various setups be it Government, NGO or private organisations. They have worked with various national and international architects of repute.



The Training and Placement Cell facilitates the campus placement program at IGDTUW. The cell comprises of highly energetic and dynamic team of students and faculty members. The team is consistently striving to enhance the quality and quantity of the placements in the university. We organize industrial visits for students, training seminars, conferences and expert lectures to prepare them for opportunities that await them. We look forward to improving the placements record with each passing year.

TnP Coordinator of Department of Architecture and Planning:
Dr. Rashmi Ashtt,(M.Plan) and
Dr. Preeti Vajpeyi, (B.Arch)
Ar.Sneha Maji (B.Arch)





FLAGSHIP PROJECTS & STUDENT INITIATIVES

EMP – Education Mentoring Program

The Education Mentoring Programme, under Youth for Education initiative of the government of NCT of Delhi, was launched to abridge the chasmic gap between male and female representative in STEM workforce.

It has been observed that the female dropout rate from STEM after senior secondary schooling is astronomically high due to a plethora of social and economical reasons. This has led to a skewed STEM demographic, birthed from discrimination and prejudice. Women have been deprived of opportunities and resources to pursue STEM because society, at large, questioned their scientific calibre. As we strive towards an equitable and holistic society, it is imperative that we also let go such unfair notions and provide women with the previous gatekept support and guidance.

This programme endeavours to integrate more and more young school girls into the strata of STEM Higher Education by imparting guidance through hand holding initiative of college students. Continuous aid can help bolster one's morale and assist them in soaring towards their goals. Through EMP, IGDTUW hopes to harness the true potential of countless girls aspiring to enter the STEM field and inculcate strong skills into their students. EMP aims to establish a dynamic relationship between the Mentor and Mentee where there is mutual growth and development.



EMP LAUNCH DAY

Education Mentoring Programme was launched on March 20, 2021 by Hon'ble Deputy CM of Delhi, Shri Manish Sisodia. The Launch Event was accompanied by a Q and A Session and Deputy CM's address.

Different exhibition stalls were also prepared by IGDTUW students



Students working till 8 pm the night before the launch



“अंतर्गत” is a movement that incorporates efforts from within, your heart, mind and soul. It is believed that every mind has an edge of creativity embedded in it. This movement aims at providing a platform to enhance it.

This society would help us to explore our talents and create products from ‘UNIVERSITY WASTE’ that maybe of used in some form or order to the present needs of the university. Every year the University discards loads of Waste.



The process of non-consumable items is a tedious and long process and requires lots of paper work and manpower to perform the condemnation process. More over the condemned material uses lots of storage space used as dump yard for the same. This society aims as doing away with all this material in a more productive and useful way. This initiative incorporates the sustainability concept laid under millennium goals and ‘Swachh Bharat Abhiyan’ initiative of the government of India.

Our Aim is to make Indira Gandhi Delhi Technical University for Women, a ZERO WASTE University in India. Many workshops, Awareness programs and on-ground Projects are proposed within the University for upcoming years. The initiative may incorporate collaboration with other societies with this aim as a joint venture.

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A group of like-minded and budding architects looked at condemnation waste and came up with the idea that it’s still breathing and some of it can still be revived. A society started on experimental basis in 2017 took official form in 2018. The main aim of the society was to:

FOUNDER & FACULTY ADVISORS

Ar. Preeti Chauhan, Associate Professor, Department of Architecture & Planning

Ar. Jahnabi Kalita, Assistant Professor, Department of Architecture & Planning

Dr. Deepti Chhabra, Assistant Professor, Department of MAE

REDUCE

Condemnation waste in the University by promoting repair and remodeling of furniture etc.

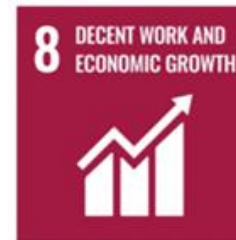
REUSE

Of usable waste from University like furniture, civil waste items, event waste, canteen waste etc.

RECREATE

Initiating projects where waste items can be transformed to usable products and spaces.

From 2018-2019, students have worked on individual basis with faculty advisors recreating old lamps, university stools, competition boards to paintings and murals, repainted old shoes, made bags out of discarded T-shirts etc. Each to its own. The initiative was to establish feasibility of the society work.



SDG 8: Decent Work and Economic Growth

Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all



SDG 9: Industry, Innovation and Infrastructure

Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation



SDG 11: Sustainable Cities and Communities

Make cities and human settlements inclusive, safe, resilient and sustainable



SDG 12: Responsible Consumption and Production

Ensure sustainable consumption and production patterns



SDG 13: Climate Action

Take urgent action to combat climate change and its impacts

The Students of INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN have undertaken the Mission Amrit Sarovar which involves rejuvenation and protection of water body which is the traditional water bodies in Delhi at “Arab Ki Sarai Baoli in Nizamuddin East, South Delhi, New Delhi” & Hauz – e- Shamshi in Mehrauli, Delhi under the Mission Launched by our Honourable Prime Minister Shri. Narendra Modi is “Mission Amrit Sarovar – Jal Dharohar Sanrakshan”. The team consists of B. Arch students from all years along with M. Plan students of 1st and 2nd year, under the guidance of Dr Rashmi Ashtt. The source of water is the natural groundwater recharge. Baoli or stepwells refer to man- made water tanks. The main purpose of Baoli is water conservation and groundwater recharge.

AIM

To research and design possible courses of an action plan for project completion, and redevelopment of the premises of the water body by which we can generate revenue and the water body restoration.

OBJECTIVES

1. In the initial week understand the project's goals and objectives.
2. To study the site condition and its analysis
3. Geotagging of the location and photography along with GIS mapping
4. Documentation and analysis of water body feature such as water quality, soil typology and lake holding capacity
5. Primary Survey: Collection of data from local people and identifying the land use of the site. Secondary Survey: Consultation and collection of data from ASI and other sources such as RWA (Resident Welfare Association), and MCD.



FOUNDER & FACULTY ADVISORS

Dr. Rashmi Ashtt, Professor, Department of Architecture & Planning

Dr. Monali Wankar, Associate Professor, Department of Architecture & Planning

Hauz – e – Shamshi & Arab ki Sarai



REIMAGINING OF ISBT AND PRACHEEN HANUNMAN MANDIR



The redevelopment of ISBT, Kashmere Gate, Delhi, and Pracheen Hanuman Mandir is being done in collaboration with SDMC (South Delhi Municipal Corporation).



Arab ki Sarai

Hauz - e - Shamshi

INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN

ARAB KI SARAI-BAOLI, NIZAMUDDIN EAST

AICTE INTERNSHIP PROGRAMME: AMRIT SAROVAR MISSION

AMRIT SAROVAR JAL DHAROVAR MISSION (WATER BODY REJUVENATION)

The Mission is aimed at developing and rejuvenating 75 water bodies in each district of the country as a part of celebration of Azadi Ka Amrit Mahotsav.

DR. (MRS.) AMITA DEV
VICE CHANCELLOR, IGTUW

AR. VENUS KASHYAP
ASSOCIATE NODAL OFFICER

AR. MONALI WANKAR
NODAL OFFICER

AR. SNEHA MAH
ASSOCIATE NODAL OFFICER

AR. PRIVA NAIR BATCH 2020-2022 (B.ARCH)
APPOORVA BHALOTIA BATCH 2020-2025 (B.ARCH)
MUSKAN MALIK BATCH 2017-2022 (B.ARCH)
ZARQA REEMAN BATCH 2019-2024 (B.ARCH)
AR. SHAULI SIBOHI

SIRUTI KALGAONKAR BATCH 2019-2024 (B.ARCH)
KUSUM JARIDA BATCH 2019-2024 (B.ARCH)
SITIKA BATCH 2018-2023 (B.ARCH)
BHAWNA JHA BATCH 2020-2025 (B.ARCH)
KANCHAN KUMARI BATCH 2018-2024
HARSHITA SAHU
SAFALTA PRASAD

ARAB KI SARAI-BAOLI, NIZAMUDDIN EAST

AICTE INTERNSHIP PROGRAMME: AMRIT SAROVAR MISSION

MAP SHOWING MASTER PLAN 2041, NEW DELHI **MAP SHOWING LANDUSE EXISTING, NEW DELHI**

AS PER MCD WARD PLAN THIS AREA COMES UNDER GARDEN PARKS

- As per the Delhi Master plan 2041 this area proposed for forest and green area.
- As per Delhi Master Plan this area comes under the air funnel area so there is a height restriction of 15 m for the building within the prescribed limitations and regulations.
- As per Laws this area comes Under ASI Heritage list.
- According to by laws there is no further construction allowed in 200m buffer.
- Still there is residential area & Commercial area near to the heritage site.
- As per the R.W.A MCD charge special taxes for the commercial area near the heritage site.

EXISTING LANDUSE

PROPOSED LANDUSE V/S EXISTING LANDUSE

MAP SHOWING EXISTING LANDUSE MAP_ARAB KI SARAI -BAOLI

- As per the ASI Site there is a by-law of non-construction with the 200m buffer of the site.
- But there is 21% residential area present along the site and 33% forest area.
- As per the R.W.A MCD take special charges from the nearby houses or shops.

INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN

HAUZ-I-SHAMSI, MEHRAULI, NEW DELHI

AICTE INTERNSHIP PROGRAMME: 'Mission Amrit Sarovar - Jal DharoHar Sanrakshan'

PROPOSED LANDUSE V/S EXISTING LANDUSE

MAP SHOWING MASTER PLAN 2041, STUDY AREA **EXISTING LANDUSE 2022**

As Per the MDP 2041 this area proposed for forest and green area and the residential development is proposed in its North East region. The region is further proposed of Low density development area. But many unauthorised colonies can be found on the west of Water Body which has with reduced the size of water body. This area also comes under the air funnel area so there is a height restriction of 15 m for the building within the prescribed limitations and regulations.

As Per Existing Landuse 2022 There is a lot of organic development taking place on the site marked for Regional Parks on the South east of the water body which poses a threat to the water body not marked in the MDP 2041.

This area further comes under ASI Heritage list thus no further construction is allowed within 200m buffer of the Heritage Monuments. But it can be seen that there is a lot of mixed use, residential and commercial development taking place around heritage Site.

As per the R.W.A, MCD charge special taxes for the commercial area near the heritage site.

EXISTING LANDUSE

HAUZ-I-SHAMSI TALAB, MEHRAULI, DELHI

- The Study area has predominantly Forest Area with 33% around it and 21% of residential area 14% is covered by recreational and 10% by roads. 8% of landuse is further found to be Mixed used.
- 3% area remains vacant and 2% of area is covered by low industrial units.
- 0.5% of total area is covered by Heritage and 4% by water body.
- There are also DDA Park and Amrigh existing since historic time.
- There are 11 historical monuments in the study area.

INFERENCE

- There is need to prohibit any type of construction around these heritage site to maintain the beauty of the place.

INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN

HAUZ-I-SHAMSI, MEHRAULI, NEW DELHI

AICTE INTERNSHIP PROGRAMME: 'Mission Amrit Sarovar - Jal DharoHar Sanrakshan'

DECADAL SPATIAL TEMPORAL ANALYSIS

KEY MAP

LEGEND

- Heritage
- Built-up 2000
- Built-up 2010
- Built-up 2020
- Water Body 2000
- Water Body 2010
- Water Body 2020
- Water Body
- Forest
- Open Space/Parking
- Recreational
- Other

Change in Water Spread 2000-2020

Temporal Analysis 2000-2020

Built-up 2000: 82% Other, 18% Built-up 2000

Built-up 2010: 77% Other, 23% Built-up 2010

Built-up 2020: 74% Other, 26% Built-up 2020

The following map shows the increasing trend of built-up towards South and South East direction. The built-up increased from 18% in 2000 to 23% while from 2010 to 2020 the built-up increased from 23% to 26%. There is an 8% increase in total built-up in the last 2 decades. The map further shows the decreasing spread of water from 1.8 Hectares to 1.6 Hectares in 2020 with an average decrease of 5% every decade.

INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN

ARAB KI SARAI-BAOLI, NIZAMUDDIN EAST

AICTE INTERNSHIP PROGRAMME: AMRIT SAROVAR MISSION

1. GAZEBO SEATING AREA **2. SEATING ZONE**

3. NIGHT VIEW

4. CAFETERIA ZONE **5. TOILETS**

6. KIOSK ZONE - NEAR THE BAOLI **7. KIOSK ZONE - OPPOSITE TO BAOLI**

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INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN

6. SUFI NIGHT OPEN SEATING ZONE **7. WAY TOWARDS THE SCREEN AREA**

8. KIOSK ZONE **8. CAFETERIA ZONE**

NIGHT VIEW OF THE COMPLEX

9. PROPOSED PATHWAY WITH WATER CHANNELS **10. CENTRAL PLAZA AREA**

11. GAZEBOS SEATING AREA **12. AERIAL VIEW**

INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN

HAUZ-I-SHAMSHI, MEHRAULI, NEW DELHI

AICTE INTERNSHIP PROGRAMME: 'Mission Amrit Sarovar - Jal DharoHar Sanrakshan'

EXISTING MAP OF THE SITE

1. PARK ADJACENT TO SHAMSI **2. VIEW OF THE LAKE WITH TRASH**

3. SHAMSI PAVILION **4. CHILDREN TAKING BATH INSIDE TALAB**

5. VIEW OF JAHAZ MAHAL **6. SOLID WASTE DISPOSED ON ADJACENT ROAD**

PROPOSAL MAP OF THE SITE

1. VIEW OF KIOSK SEATING **2. SITTING SPACES INFRONT OF THE LAKE**

3. PAVILION PROPOSAL **4. PAVILION PROPOSAL**

5. BOATING SPACE **6. NIGHT VIEW OF THE PARK**

AERIAL VIEW OF PROPOSAL

INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN

HAUZ-I-SHAMSHI, MEHRAULI, NEW DELHI

AICTE INTERNSHIP PROGRAMME: 'Mission Amrit Sarovar - Jal DharoHar Sanrakshan'

RENDERS AND SKETCHES

OAT PROPOSED INFRONT OF SHAMSI TALAB

TERRACE VIEW FROM JAHAZ MAHAL **BIRDS EYE VIEW OF THE SITE**

PAVILION VIEW FROM BOUNDARY WALL OF TALAB **BRIDGE CONNECTING JAHAZ MAHAL TO OPEN GROUND**

SHADED SITTING IN ADJACENT PARK **PAVILION CONSERVED ENHANCING SHAMSI TALAB**

BOAT BOARDING DECK **NIGHT VIEW OF JAHAZ MAHAL**

INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN

इकोर ह चिराइत

HERITAGE WALK TO HAUZ KHAS COMPLEX

Date: 24th Sept 2022, Sunday
Time: 2:00 pm onwards



Ar. Abhishek Jain
Founder of Shiksha Sanshodhan Foundation

In the concluding session of the Heritage Walk, Ar. Abhishek Jain, Founder of Shiksha Sanshodhan Foundation, shared his insights on the importance of heritage and the role of architecture in preserving it. He emphasized the need for a holistic approach to heritage conservation, one that takes into account the social, economic, and cultural aspects of the site. He also highlighted the importance of community participation in the process of heritage conservation and the role of the state in providing the necessary support and resources.



WRITING ARCHITECTURE TROPHY

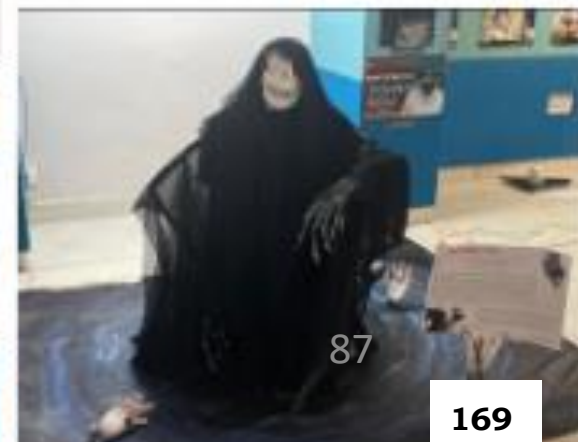


Students from batch 2018, Avantika Dewangan and Nandini Mishra received a citation in Writing Architecture Trophy during the ANC 2023.



ART INSTALLATION TROPHY

The art installation was made on the topic VOID. The idea was to conceive an art that provoked the idea of emptiness and nothingness



STUDENT LIFE



HANDLES

Facebook -

<https://www.facebook.com/igdtuw.delhi.5>

Youtube -

<https://www.youtube.com/channel/UCKmYhevZ59gJJP0ZbpReBKA>

LinkedIn - <https://www.linkedin.com/school/indira-gandhi-delhi-technical-university-for-women-new-delhi/>

CSD Instagram-

https://instagram.com/csd.igdtuw?utm_medium=copy_link

CSD Twitter-

https://twitter.com/csd_igdtuw

CSD LinkedIn- <https://www.linkedin.com/company/centre-for-sustainable-development-igdtuw>

CSD YouTube-

<https://youtube.com/channel/UCCPvAJgV16oLDF2BbJhflTw>

CSD Discord-

<https://discord.gg/Q8ANUz2C>

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