



MANIPAL UNIVERSITY  
JAIPUR



# darpan

REFLECTING DESIGN  
2024

**JAN- MAY 2024**

School of Architecture & Design  
Manipal University Jaipur





Picture source: Chirag Chedda

## ACKNOWLEDGEMENTS

Several efforts have been taken to complete this project that narrates the magnificent journey of School of Architecture & Design. However, it would not have been possible without the kind support and help of many individuals from this organization. I would like to extend my sincere thanks to all the faculty members and students of SA&D as this project was supported by Manipal University Jaipur.

We would like to take this opportunity to express our profound gratitude and deep regard to the leadership of this institution, Dr. GK Prabhu (President, MUJ), Dr. NN Sharma (Pro-President, MUJ) and Dr. Nitu Bhatnagar (Registrar, MUJ).

Also, taking this opportunity to express our sincere admiration for Prof. Dr. Madhura Yadav, (Dean FoD) and Prof. Dr. Sunanda Kapoor (Head, Architecture) for their praiseworthy guidance, valuable feedback and constant encouragement throughout the duration of the project. Their valuable suggestions were of immense help throughout.

The perceptive criticism of faculty members of the department kept us to work hard to make this project in a much better way. Working under him was an extremely knowledgeable experience for the entire team.

The design and compilation of the magazine would have been impossible without the precious discussions, support and help from the entire team, Ar. Ayushi Sharma (Assistant Professor, SA&D) along with Vertika Bajaj (5th Year B.Arch), Nandini Rawat and Pavani Pandey from the 4th year B.Arch program, Aishwarya Singh Rathore, Anjali Andhikari, Ria Kotwal and Sahib Chagger from the 2nd Year B.Arch. The students helped each other gather new ideas as well as gave a whole new direction to this work despite numerous comments and challenges.

Sincere thanks to Ar. Ayushi Sharma for her valuable comments that helped greatly to improve the design and content.

We would also like to offer our sincere gratitude to all the friends and colleagues who shared their fond memories and experiences with us, without which this documentation of magnificent 10 years would be incomplete.



Picture source: Ar. Ayushi Sharma



# SCHOOL OF ARCHITECTURE & DESIGN



Picture source: Ar. Ayushi Sharma

**Jan-May 2024**

School of Architecture and Design  
Manipal University Jaipur

**2012-2024**



# CONTENTS

## 1. Editorial

About the newsletter  
Introduction  
From HoD's desk  
Vision and Mission of the Department  
Achievements

## 2. News and events organized

Workshops/ FDPs  
Expert lectures  
Conferences  
Alumni talks  
Guests visited in dept/ Any other event organized (Activities under MoUs, etc.)

## 3. Ongoing Projects

Picture source: Ar. Ayuchi Sharma



# EDITORIAL

# 1

ABOUT THE NEWSLETTER

BEGINNING AND JOURNEY OF SA&D

MESSAGE FROM HOD

VISION AND MISSION OF THE DEPARTMENT

ACHIEVEMENTS





## ABOUT THE NEWSLETTER

Architecture is a profession that has no limits. The word "Architecture" comes from Latin that means 'chief creator' in a literal sense. This art and science of creating a product, involves the practices of sketching and conceiving an idea, and later, articulating these ideas through the means of planning and design to construct innumerable kind of structures. These structures are often perceived as symbols which are a complex reflection of culture, history, sometimes literature, psychological and physiological aspects of a human life.

This form of art that includes not only the practical but also the aesthetic and dimensions of utility, initially began as rural and vernacular architecture. This then developed into what we see today as modern contemporary architecture. The fine amalgamation of the vernacular and modern can be seen in this campus.

This book maps a wholistic journey of this school of 10+ years from first batch onwards, the extraordinary moments, achievements of students, alumni and faculties, students' works and their experiences reflecting the learning environment that is needed for this design profession in order to explore the newer skies.



Graduating batch of 2014-2019

## INTRODUCTION

School of Architecture & Design (SA&D) is not a department, but a family of architects and architects in-making that focuses on exploring and learning extensively about the profession. The major objective is to encapsulate the philosophy of creating innovators, empowered with the knowledge for the creation of a dynamic world, pulsating with intellectual acuity and striving for the utopia of a prosperous biosphere for all.

The School strives to provide world-class architectural education by coupling state-of-art facilities with a dedicated and experienced faculty team and student centric academic practices.

Since 2012 the school has achieved several key milestones; six batches of bachelors program have graduated from the school, two batches of masters - M Arch, (Landscape) program have also graduated and two research scholars have been awarded with PhD.

## THE BEGINNING OF SA\$D



Dr. NK Garg

Founder Director, SA&D



Prof. Dr. Madhura Yadav

Founder Head, SA&D 2012-2015

Director, SA&D 2015-2021

Dean FoD 2021- till date



Prof. Dr. Sunanda Kapoor

Head, SA&D 2019-till date





## Head, Architecture Prof. Dr. Sunanda Kapoor

Prof. Dr. Sunanda Kapoor is Professor & head at School of Architecture and Design, Manipal University Jaipur, Rajasthan. She has nearly 26 years of professional and academic experience.

Her special interests include study and analysis of the urban processes and their effect on the built environment with special emphasis on the cultural landscape. Presently her research is focused upon effective management and conservation of the built and unbuilt cultural heritage sites.

## Message from the HOD, Faculty of Design Prof. Dr. Sunanda Kapoor

“I feel proud to be part of team having skilful, resourceful people who possess intellect in the multidisciplinary field of Design. The School of Architecture & Design has been moving with the objective of giving the students a quality education through a well-structured pedagogy. In this journey of undergraduate architecture programme, students are allowed to work with given broad range of contexts having urban and rural settings. As result, they come up with creative alternative solutions. The entire process of the organization is being reinforced with the international and interdisciplinary collaborations. Students are given state of art infra structure and resource facilities that helps them to become professionals who can take higher responsibility in society and contribute to the nation's wellbeing.

‘The ten years Journey of School of Architecture & Design’ is a reflection of odyssey which is sailed by the entire team of SA&D including faculty members and students. This magazine which is compilation of works of students, achievements and all was not possible without the hard work and dedication of the editorial team. This magazine will make everyone feel proud to be part of journey.

I finally wish all the best to the entire team of School of Architecture & Design.

# VISION AND MISSION

## VISION

Global leadership in Sustainable Built Environment and Human Development.

## MISSION

Leading globally in architectural education, inspiring visionary architects.

Empowering a Sustainable future with innovation & collaboration.  
Nurturing the transformation of individuals into lifelong learners grounded in human values.

Picture source: Ar. Ayuchi Sharma





## ACHIEVEMENTS



The Manipal University Campus has been achieving several awards and recognitions every year such as 'IGBC Performance Challenge 2020 for Green Built environment-Excellence Award' under the 'Educational Institute' category In IGBC Congress, LEED INDIA- PLATINUM rating for Energy Conservation and Environment Design 2016, awarded Fourth rank in the Swachh Campus Ranking-2019 of Higher Educational Institutions under the category, Residential Universities-UGC, Manipal University Hostels has been awarded GRIHA 5 Star rating (the entire 2 Million sqft of the MUJ campus has now been awarded the highest rating in GRIHA). MUJ has become the largest campus in India to have achieved this rating for all its building, making it a campus with exceptional experiences to deliver. It has been ranked amongst top universities by several institutions such as NIRF, Career360, OutlookCare, IndiaToday, The Week etc. "Best Educational Institution – 2019" under category of Best Employer 2019 award by The Employers' Association of Rajasthan.

The School comes under the brilliant leadership of Prof. Dr. Madhura Yadav as the Dean of Faculty of Design and Prof. Dr. Sunanda Kapoor as the Head, SA&D. They have shaped and molded the entire school curriculum and other activities related to the same. The alumni that have grown under the outstanding guidance of leadership and faculties are now doing wonders in their professional lives and reaching atop in this profession of architecture.









Picture source: Ar. Ayuchi Shamia



# NEWS & EVENTS

WORKSHOPS/ FDPS  
EXPERT LECTURES  
CONFERENCES  
ALUMNI TALKS  
GUESTS VISITS  
RESEARCHES  
AND OTHERS...

# 2





## STUDY TOUR 2024



A study tour was organized by School of Architecture & Design (MUJ) in collaboration with Heritage Club, for the students of Bachelors of Architecture, Manipal University Jaipur. The students of 1st, 2nd and 3rd year B.Arch received an opportunity to study the architectural and socio-cultural aspects of various cities including Chittorgarh, Udaipur, Ahmedabad, Bhuj, Dholavira and Mount Abu.



## FAREWELL 2024



In order to bid adieu to a cherished chapter, School of Architecture and Design, in collaboration with Directorate of Alumni Relations organized Alumni Meet and Farewell – Retrace'22. Meet was organized on 15th May 2024 from 1:00 PM to 4:00 PM at Sharda Pai Auditorium, MUJ campus. The day also embraced the future with inspiration from our esteemed alumni. This dual event promised a day filled with nostalgia, camaraderie, and vision. The students gathered with their seniors, who have carved remarkable paths beyond these corridors.

## HERITAGE QUEST



Heritage Club, SA&D, conducted an event on World Heritage Day (18th April 2024) in collaboration with ICOMOS. The event aimed to raise awareness about the significance of the day and featured three competitions: Photography, Reel Making, and Poster making. Participants were tasked with exploring the theme of 'Disaster and Conflict Resilient Heritage – Preparedness, Response, and Recovery'. The competitions provided an opportunity for participants to showcase their skills and perspectives on heritage across various design disciplines.



## HERITAGE WALK TO PUSHKAR 2024



Heritage Club, School of Architecture and Design conducted a Pushkar walk on 13th of April on the occasion of World Heritage Day which is celebrated every year on 18th April. This endeavor aimed to offer participants a holistic experience by immersing them in the rich cultural tapestry and historical significance of Pushkar.

## ASHRAE MASTERCLASS

**MANIPAL UNIVERSITY  
JAIPUR**  
Transforming India into a Global Education Hub



# MASTERCLASS

Thermal Comfort and Indoor Air Quality Strategies

**THURSDAY**  
08.02.2024  
11:15 AM - 01:00 PM

**GUEST SPEAKER**  
Dr. Yash Kumar Shukla  
*Regional vice chair of student activities for region-at-large (RVC-SA, RAL), ASHRAE, HVAC Expert*

**SPEAKERS**



Dr. Shivraj Dhaka  
*President, ASHRAE Rajasthan Chapter, HVAC Expert*



Prof. (Dr.) Madhura Yadav  
*Student Chair, ASHRAE Rajasthan Chapter*

**VENUE**  
Manipal University Jaipur

**RSVP**  
ASHRAE Manipal University Jaipur Student Branch

For more queries, contact Dr. Shivraj Dhaka at 9876543210 or email at shivraj.dhaka@manipal.edu

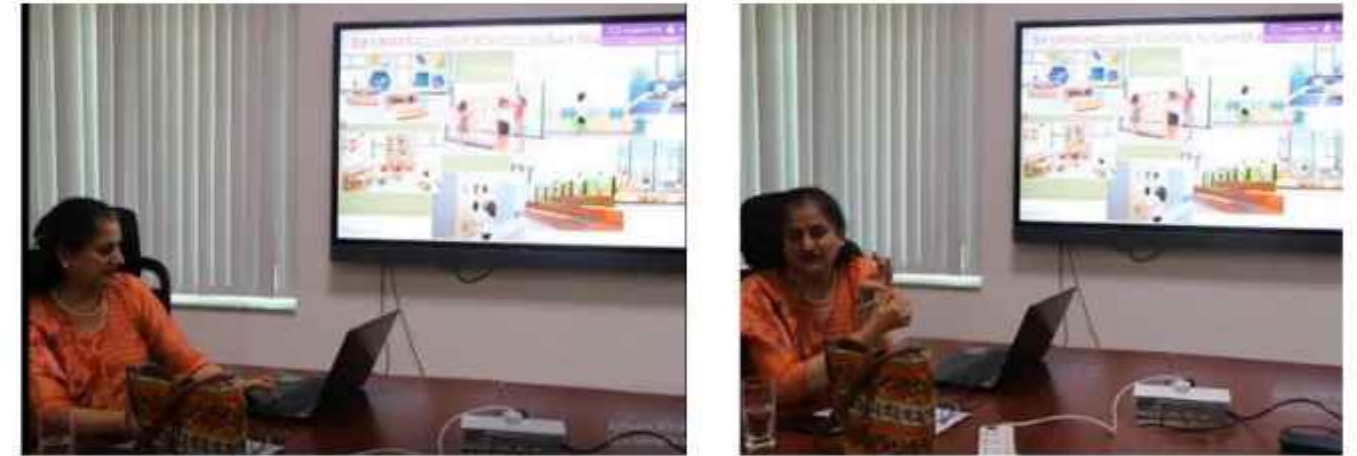
A Master Class on Thermal Comfort and Indoor Air Quality Strategies was organized by School of Architecture & Design in collaboration with ASHRAE Rajasthan Chapter on 8th Feb 2024.

## EXPERT TALK BY AR. SIRISH BERI



An Expert Lecture by Ar. Shirish Beri was organized by SA&D on 23rd February 2024.

## EXPERT TALK BY AR. SEEMA



An Expert Lecture by Ar. Seema Kharbanda was organized by SA&D on 15th March 2024.



## RESEARCH PUBLICATION: AR. ASHUTOSH SAINI

EXISTING PRACTICES FOR LAND USE PLANNING PRACTICES IN HILL CITIES OF INDIA, INTERNATIONAL REVIEW FOR SPATIAL PLANNING AND SUSTAINABLE DEVELOPMENT, 12(1):196-221.

PUBLISHED ON JAN 2024  
INTERNATIONAL REVIEW FOR SPATIAL PLANNING AND SUSTAINABLE DEVELOPMENT

Land Use Planning is a key component of Urban Planning and is important for planned development. It ensures that the resources are used efficiently, and orderly development is taking place. However, Land use planning in relation to hill regions is not a well-known or researched topic in India. Many scholars and researchers have expressed their views related to inappropriate development in the hills due to the lack of land use planning in these eco-sensitive areas but there are no in-depth studies on the land use Planning pertaining to the hill towns of India. Therefore, the paper, focus is on understanding the prevailing land use planning process in Indian hill towns.

## RESEARCH PUBLICATION: AR. SANJEEV PAREEK

FACTORS AFFECTING LAND VALUE OF URBAN VOIDS IN WESTERN PART OF INDIA.

PUBLISHED ON 15TH FEB 2024  
JOURNAL OF ENGINEERING AND APPLIED SCIENCE

Urban voids are the key determining factors to utilize efficient manner for sustainable development. These areas need to be understood through their land potentials. Land valuation determines the value of urban voids based solely on their natural characteristics.

The research papers present a papered examination of land value modeling and its influencing factors. The study concentrates on Jaipur, the capital city of Rajasthan, selected as the research area. The land value modeling process consists of three stages.



# OTHERS

# 3

ONGOING PROJECTS AND CONSULTANCIES  
FACULTY MEMBERS

## FIELD SURVEY AND UPDATE: JAIPUR

FIELD SURVEY AND UPDATE OF PROJECT AREA MAPS FOR THE SPECIAL AREA HERITAGE PLAN (SAHP), JAIPUR  
By PDCOR Ltd.

The project includes the preparation of the Base Map, Land Use Map and Building Use Plan, along with the additional information for each property as per the provided format.

The assignment will include the following:

Maps as per the prescribed Format in GIS

Field Survey in the Prescribed Format in Excel

Imagery and other data

Comprehensive Report with annexures (Maps, Excel sheets, and Reports)

Participation in Discussions, attending meetings, and preparing presentations as and when required.

## ISKCON TEMPLE: SRI GANGANAGAR

APPOINTMENT AS CONSULTANT FOR DESIGNING ISKCON TEMPLE AT SRI GANGANAGAR, RAJASTHAN

This consultancy engagement is being conducted on charity basis, reflecting the philanthropic spirit of ISKCON authorities.

The scope involves the production of structural & MEP drawings along with the creation of 3D views, brochure and walkthrough.

On charity basis, campus design development including site plan, all floor plans, elevations, sections and landscape master plan.



## ISKCON TEMPLE: JHUNJHUNU

APPOINTMENT AS CONSULTANT FOR DESIGNING ISKCON TEMPLE & CULTURAL CENTER AT JHUNJHUNU, RAJASTHAN

This consultancy engagement is being conducted on charity basis, reflecting the philanthropic spirit of ISKCON authorities.

The scope involves the production of structural & MEP drawings along with the creation of 3D views, brochure and walkthrough.

On charity basis, campus design development including site plan, all floor plans, elevations, sections and landscape master plan.

## MODEL PREPARATION: MTMC JAMSHEDPUR

APPOINTMENT FOR ARCHITECTURAL MODEL PREPARATION FOR MANIPAL TATA MEDICAL COLLEGE (MTMC), Tata nagar Jamshedpur, Jharkhand.

Model on a scale of 1:500

Demarcation of building blocks as per site plan  
All building blocks cutting using laser cutting machine in 2.5mm thick MDF

Development of site with road network, central court and green areas etc.

Demarcation of parking areas, toilet blocks, other services etc.

Base of model in 19mm ply  
Pedestal 18-inch height in 19mm ply wood.

Toughened glass covering of model.

# FACULTY MEMBERS

The faculty of design, Manipal University Jaipur is dedicated to provide world class design education meeting international standards. All the faculty members have pursued their higher education from highly reputed educational institutes of India and outside. Most of them have either finished their PhDs or are enrolled. This family is now growing together and helping the architects-in-the making to foster their creativity and interests, combine it with the latest technology to create architectural marvels.

It aims to foster creativity and innovation for an intellectually satisfying learning environment as well as to establish MUJ as a globally preferred destination for students, faculty, researchers and other stakeholders. Research is also a crucial part of the academia, and the faculty members are therefore required to engage in research works. They have also presented and published their journals, articles, conference papers and books in portals approved by Scopus Index and Web of Science.

“We are committed to a learner-centred design education pedagogy whereby students are encouraged to explore and discover; experiment and take risks; ask questions and think critically; and research and test ideas in collaboration with their peers and faculty members.”

-Dean, Faculty of Design



(Left) Head, Architecture, Prof. Dr. Sunanda Kapoor  
(right) Dean, Faculty of Design, Prof. Dr. Madhura  
Yadav



## FACULTY MEMBERS

Under the leadership and guidance of Prod. Dr. Madhura Yadav, Dean FoD and Prof. Dr. Sunanda Kapoor, Head, Architecture



**Dr. Subhash  
Devrath**  
*Associate Professor*



**Ar. Neha Saxena**  
*Associate Professor*



**Ar. Bibhu Kalyan  
Nayak**  
*Associate Professor*



**Ar. Akshay Gupta**  
*Assistant Professor  
(Senior Scale)*



**Ar. Kinzalk Singh  
Chauhan**  
*Assistant Professor  
(Senior Scale)*



**Siddhant Wallia**  
*Assistant Professor  
(Senior Scale)*



**Ar. Saurabh Sharma**  
*Assistant Professor  
Selection Grade*



**Ar. Sanjeev  
Pareekh**  
*Assistant Professor  
Selection Grade*



**Ar. Raunak Prasad**  
*Assistant Professor  
Selection Grade*



**Ar. Siddharth  
Mishra**  
*Assistant Professor  
(Senior Scale)*



**Ar. Ayushi Sharma**  
*Assistant Professor  
(Senior Scale)*



**Dr. Ashutosh Saini**  
*Assistant Professor*



**Ar. Megha Prabhu  
Karkala**  
*Assistant Professor*

