



MARATHWADA MITRA MANDAL'S COLLEGE OF ARCHITECTURE, PUNE - 04

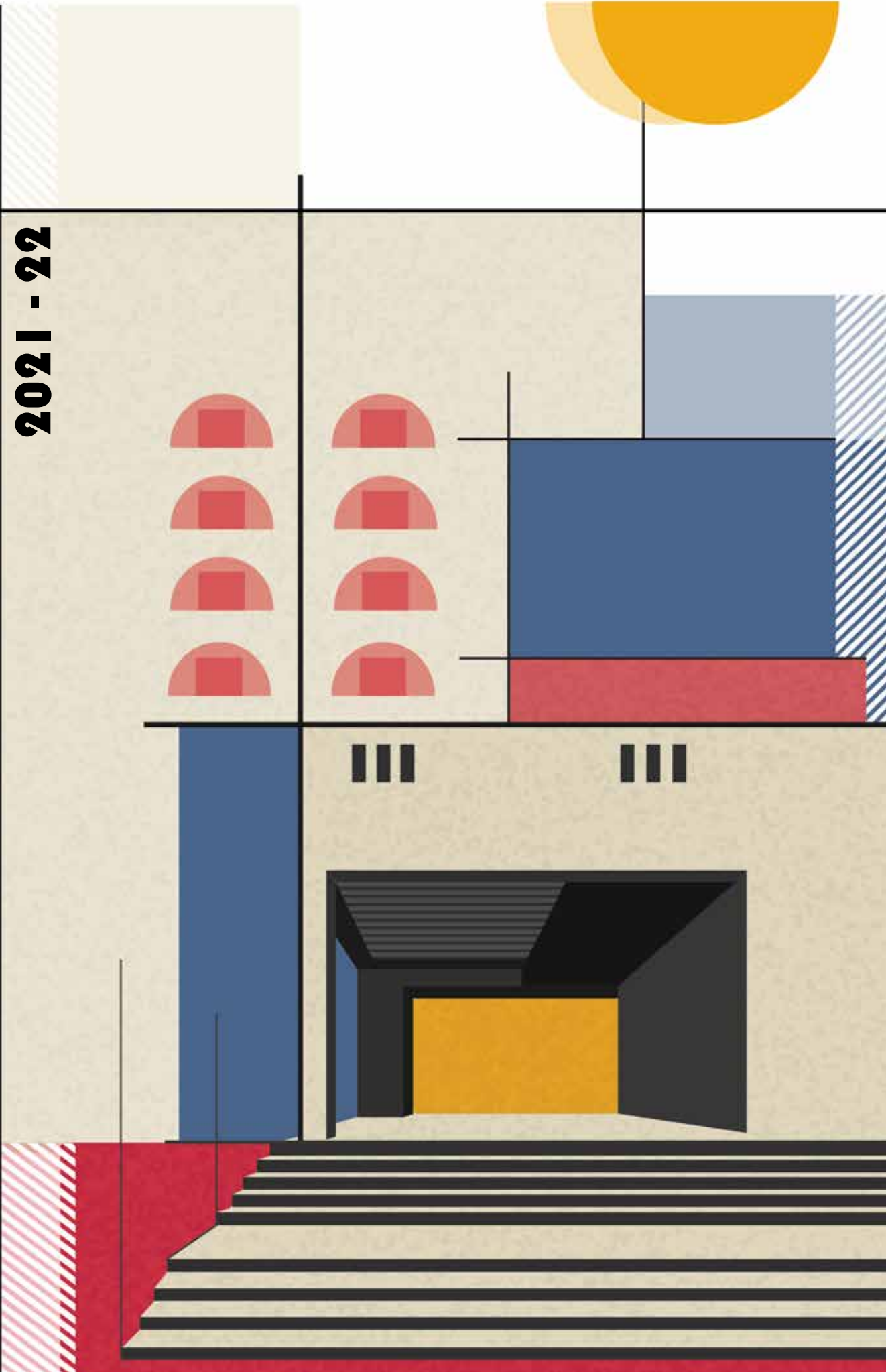
302/A, Deccan Gymkhana, Off F.C. Road, Pune - 411004

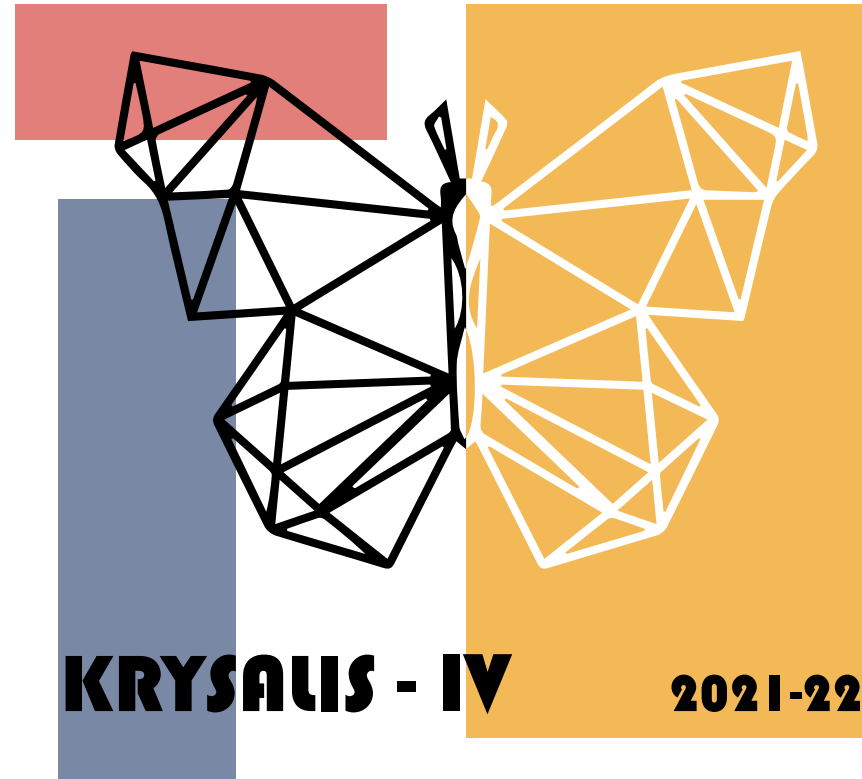


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2021 - 22





Krysalis is the divine journey of a humble caterpillar turning into an extravagant butterfly, it serves as the perfect example of an architect's life and work as it entails perseverance and purpose, resulting only in beauty and freedom. It resembles the process of design beginning with the 'elemental' that subsequently paves way to the splendid results.

The elemental are the fundamental aspects of any visual design which include point, line, shape, colour, space, form, value and texture. These elements evoke a certain emotion or convey a certain mood and are an essential or characteristic part of any abstraction. These abstract ideas are the ones which help us in pioneering design concepts.

Exposure to new thoughts, ideas, concepts and audience can make mind wiser. Krysalis is a humble attempt to provide this exposure to our students, faculty members and guest which is not just the limited to architecture.



MARATHWADA MITRA MANDAL'S COLLEGE OF ARCHITECTURE, PUNE - 04
302/A, Deccan Gymkhana, Off F.C. Road, Pune - 411 004

KRYSAUS - IV

2021 - 2022

SOURCES OF INSPIRATION



Hon'ble Late Shri. Shankarraoji Chavan

Ex. Chief Minister, Govt. of Maharashtra
Ex. Home Minister, Govt. of India
Founder President, Marathwada Mitra Mandal, Pune



Hon'ble Late Shri. Vilasraoji Deshmukh

Ex. Chief Minister, Govt. of Maharashtra
Ex. Minister for Science and Technology and Earth Sciences
Ex. President, Marathwada Mitra Mandal, Pune

MARATHWADA MITRA MANDAL, PUNE

The trust "Marathwada Mitra Mandal, Pune" was established in 1967 by Hon. Late Shri. Shankarraoji Chavan, Former Home Minister, Govt. of India as the "Founder President". The trust had started its activity with the objective of providing hostel or similar accommodation in Pune to the students. This trust is established through the inspiration of socially and educationally charged personalities, with motto "Welfare of Masses".

Mass education, co-education and dedication towards overall development of the region are the watchwords of the trust. At present the trust has four educational campuses at Deccan, Karvenagar, Lohgaon and Kalewadi. At its various educational campuses the trust has created excellent facilities of education catering to Engineering, Management, Law, Commerce, Pharmacy, Architecture, Polytechnic, BCS, BCA, BBM, BBA etc. which provide excellent education to more than 18000 students.



Shri. S.D. Ganage
B.E., M.M.S, Industrialist
President



Prin. B.G. Jadhav
M.Com, MIMA, Academician
Executive President



Dr. M.V. Suryawanshi
M.Sc, Ph.D, Academician
Vice-President



Dr. N.V. Birajdar
M.Sc., Ph.D, Academician
Dy. Ex. President



Shri. B.V. Desmukh
B.E.Mech, Social Service
Dy. Ex. President



Shri. K.H. Mungale
Industrialist
Secretary



Shri. A.S. Pawar
D.C.E., Retired
Treasurer



Shri. S.S. Garge
B.E, Service
Joint-Secretary



Shri. J.M. Pawar
B.C.S, M.C.M, Service
Joint-Secretary



Dr. V.S. Patil
M.S., Medical Practitioner
Member



Pri. D.S. Bhandari
M.Com., M.A, Retired
Member



Shri. N.B. Jadhav
B.Sc., B.Ed., Social Service
Member



Dr. N.L. Kottapalle
B.A., M.A., Ph.D., Social Service
Member



Dr. S.H. Gavhane
M.Sc., Ph.D, Retired
Member



Shri. T.P. Niwalikar
M.A., Retired
Member



Shri. S.S. Suryawanshi
M.Com., ACA, Practitioner
Member



The trust "Marathwada Mitra Mandal, Pune" was established in 1967 by Hon. Late Shri. Shankarraoji Chavan, Former Home Minister, Govt. of India as the "Founder Member and President". Hon. Late Shri. Vilasraoji Deshmukh, Minister of Science and Technology and Minister of Earth Sciences, Government of India was the President; heading the Board and the advisory panel. Presently, Hon. Shri. Shivajirao Ganage an industrialist are the President of the Executive Committee of Marathwada Mitra Mandal which also includes many industrialists, academicians and philosophers. Urge to help Marathwada grow and prosper created a society with the objective that facilitated the stay of the regional students by providing hostel or similar accommodation in Pune.

Vision of MMCOA

- The welfare of the society by inspiring the youth to contribute through excellence in Architecture and technology as knowledgeable professionals.
- The institution's main motto is 'welfare of masses. Therefore the assignments are planned in such a way that they are groomed to social awareness, they are encouraged to think outside the box through various exercises cleverly embedded in the subjects.
- Through study tours students are taught to pursue environmental friendly approaches at the same time, we keep updated with the new trends and technologies that are emerging into the market.

Mission of MMCOA

- Sensitize young talent to address societal concerns by creating opportunities for learning.
- Follow quest for excellence through research and academics
- Accentuate the legacy of ethics and values through architectural studies.



DR. UJJWALA PALSULEY
PRINCIPAL

It's a proud moment for an Institution, when the students come up with their own platform to showcase their talent. MMCOA has always been providing an environment for students' holistic development. We have been observant of the changing dynamics of architectural education & practice. This is reflected in the multidisciplinary training that our students receive, beyond the curriculum. Students undergo Value Added Courses, Workshops, Study Tours & guest lectures; that keep them aware and eager to learn. The institute has been conducting International Webinars, integrating Architects, Alumni, Students, Professionals, and Educators from various countries and allowing them space to share knowledge. Along with our SAMWAD series, which is a platform for cross-discipline interaction, we have started the FOUNTAINHEAD series where we invite Architects doing exemplary work to share their experiences. We've been fortunate to host Pritzker laureate Ar. B.V. Doshi, Honorable President of COA Ar. Habib Khan, Ar. Kiran Joshi, Ar. Surya Kakani, Ar. Sachin Agshikar and Ar. Rajeev Kathpalia. In 2022, MMCOA initiated "VANTAGE POINT" an annual platform to gain perspective on current concerns. Extracurricular activities play an important role in students' life which also creates life-long memories. I feel enriched when our students. College magazine provides them a platform to experiment, experience, and explore various talents of students. The magazine team has worked effortlessly to showcase various skills our students have to express themselves. I feel proud the way this team has put together the works of students, and faculties to make it into a good read for you all!!



CHETAN DESALE
MAGAZINE HEAD

Dear readers, we are very pleased to present you the fourth edition of MMCOA's yearly magazine 'Krysalis'!

We started the fourth edition of with a goal of making it more student centric. We picked the content for readers to revisit the magazine again and again and get benefitted through the content.

We got a chance to meet and talk to the people working in creative fields. We also had very insightful interactions with our Design chairs Ar. Girish Doshi Sir and Ar. Ravi Patwardhan Sir. All these Interviews have been the most wonderful experience throughout the process.

Special mention to the whole magazine team, that has worked really hard for this magazine to come to reality. Everyone did their role effectively and the collective efforts can be seen throughout the magazine.

We all hope reading this edition gives you a lot of joy!



Ar. Girish Doshi
G.D. Arch



Ar. Ravi Patwardhan
B. Arch, M. Arch in Urban Design



Dr. Aparna Dixit
B.Arch, M.E. Town Planning, Ph.D.



Ar. Vrinda Panse
B.Arch, M.Arch in Environmental Architecture



Ar. Arti Patil
B.Arch, M.E. Town Planning



Ar. Aniruddha Jogalekar
B.Arch, M.Arch in Computer Applications



Ar. Vinita Lavate
B.Arch, M.Arch in Computer Applications



Ar. Kirti Sagaonkar
B.Arch, M.Arch in Environmental Architecture



Ar. Jyoti Tholiya
B.Arch, MUDP in UDP, Master of Arts in Geography



Dr. Manas Marathe
B.Arch, MURP, Ph.D.



Mrs. Manjusha Wagh
G.D. Art



Ar. Preeti Joglekar
B.Arch, M.Arch in Construction Management



Ar. Aparna Panganti
B.Arch, M.Arch in Construction Management



Ar. Yogesh Kawade
B.Arch, M.Arch in Computer Applications



Ar. Sachin Waman
B.Arch, M.Arch in Urban Design



Ar. Keerti Mishra
B.Arch, M.Arch in
Industrial Design



Ar. A. Raghunandan
B.Arch, M.Arch



Ar. Chinmay Satbhai
B.Arch, M.Plan in
Urban & Regional Planning



Ar. Vishwas Lele
B.Arch, M.Arch



Ar. Shubhada Sahasrabudhe
Dip. in Architecture



Ar. Sunil Hingmire
B.Arch



Ar. Saurabh Joshi
B.Arch, M.Arch in
Architectural Conservation



Ar. Pawan Gumaste
B.Arch, M.Arch in
Construction Management



Ar. Tanay Ambavane
B.Arch, M.Arch



Ar. Aniruddha Kolhatkar
B.Arch



Ar. Chandrika Kanetkar
B.Arch



Ar. Suvarna Vaze
B.Arch



Ar. Shounak Naik
B.Arch, M.Arch in
Advanced Design



Ar. Prajakta Thamke
B.Arch, M.Arch



Ar. Preeti Chinnapattan
B.Arch, M.Arch in
Digital Architecture



Ar. Sunil Kulkarni
B.Arch



Ar. Atul Rajwade
B.Arch, M.Des
(Product Design)



Ar. Saurabh Agashe
B.Arch, Master in
Urban Planning



Ar. Smita Patil
B.Arch, M.Arch in
Environmental Architecture



Ar. Sanika Kulkarni
B.Arch, M.Arch in
Environmental Architecture



Ar. Saniya Khan
B.Arch, M.Arch in
Construction Management



Ar. Nimish Porwal
B.Arch, M.Arch in
Urban Design



Ar. Yamini Deshmukh
B.Arch, M.Sci. in Env.
Design of Buildings



Mrs. Dhanshree Ghare
(Counselor)
B.A. Psychology
M.A. Educational Psychology



Ar. Manasi Aher
B.Arch, M.Arch in
Urban Design

COLLEGE COMMITTEES

- Academic monitoring committee
- Students Council
- College Development Committee
- Internal Complaint Committee
- Anti Ragging Committee
- Academic Advisory Committee
- College Publication Committee
- Research and Recognition Committee
- Equal Opportunity Cell
- Students Council committee
- Students Development cell
- SC/ST Committee
- Faculty Welfare cell
- Alumni cell
- Building and Works Committee
- Examination committee
- Library Development committee
- Purchase committee
- Right to information Committee
- Administrative committee
- Finance and Accounts Committee
- HR Committee

NON-TEACHING STAFF



Mr Kibe Subhash
Office Superintendent



Mr. Gaikwad Anil Ankush
Office Superintendent



Mr. Kadlag Nilesh
Computer Technician



Mr. Bagav Sagar R.
Computer Technician



Mr. Hangrge Veershetty K.
Library Clerk



Ms. Katare Prjakta D.
Jr. Clerk



Mr. Khandekar Sanjay K.
Sr. Clerk



Mrs Pingle Sujata
Head Clerk



Mr. Kamthe Rajendra Vasant
Accountant



Mrs. Chavan Amruta.P.
Accountant



Mrs. Kadam Snehal S.
Assistant Librarian

INSTITUTIONAL DESIGN CONSULTANCY CELL (MMCOA IDCC)

World's Only Digital Portfolio Platform for ARCHITECTURE STUDENTS & PROFESSIONALS

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Comprehensive Features of ArtnSkills

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CONSUME COMPETE CAREER COMMUNITY

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Main purpose of MMCOA IDCC was to carry out Design Consultancy and research projects in the field of Architecture, Interiors, Landscape Design, Urban Design and Conservation with the help of our own faculty members who are already part of MMCOA teaching fraternity and engaging students in the process. The cell would abide by the Guidelines of Consultancy Practice for MMCOA faculty members along with students within the practice framework prescribed by Council of Architecture.

MMCOA IDCC : THE MAIN OBJECTIVES

To provide a platform for faculty members and students to engage in practices and imbibe professional values, ethos and gain valuable professional experience.

To develop a space for information assimilation on Architecture by creating a data bank and sharing with the faculty members and students.

To engage in knowledge dissemination amongst academicians and practitioners by conducting continual professional development and other training programs.

To develop a number of Design processes in order to help mainstream design-centered practices.

To provide important design and implementation inputs for various initiatives and programs proposed by Government authorities.

In the academic year 2021-22 the formation of Institutional Design Consultancy Cell (IDCC) as a part of Marathwada Mitra Mandal's College of Architecture (MMCOA) was initiated. Meetings were held with the MMCOA Principal, Dr. Ujjwala Palsuley and other senior faculty members and professionals including Ar. Girish Doshi, Ar. Ravi Patwardhan, Late Ar. Sunil Kulkarni, Ar. Vinita Lavate, Ar. Sachin Waman etc. MMCOA IDCC works with the vision to develop a team of professionals from academics and industry practices with a vibrant knowledge-oriented environment and a center of excellence in the profession of Architecture and allied fields.

The IDCC was formally set up under MMCOA's mission to develop an ambient environment for encouraging faculty along with students and associated professionals to offer Design consultancy services and research by sharing a knowledge base towards its commitment to the architectural profession. MMCOA IDCC aims to bring a positive change in the built environment and contribute to sustainable development of the human habitat through its internal practices, associated research and academic acumen.



STUDENT COUNCIL 2021-22



Sakshi Waman
Secretary



Payal Bhutada
President



Kedar Deshpande
Treasurer



Yash Diwane
Social Media Head



Koustubh Telvekar
Sports Head



Shubham Kavale
Technical Head



Parijat Ambekar
Cultural Head



Daksha Narkar
Exhibition Head



Yashraj Pawale
Infrastructure Head



Chetan Desale
Magazine Head



Ayush Hazare
Library Head



Amogh Yeole
Photography Head



Saloni Phadnis
NASA Head

CLASS REPRESENTATIVES

FIRST YEAR



Arnav Edwankar



Aditi Rodge

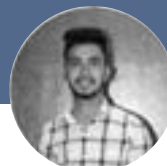


Rajlaxmi Chavan

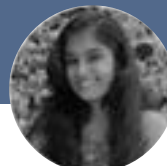


Ayush Narke

SECOND YEAR



Rutik Kokate



Tanishka Jadhav



Anunita Sarkar



Siddhant Chowhan

THIRD YEAR



Aditya Jangli



Sanika Patil



Himali Bohadkar



Prathamesh Khatav

FOURTH YEAR



Prathamesh Bibikar



Ria Joglekar



Madhumati Joshi



Prasanna Gore

FIFTH YEAR



Atharva Deo



Sanyukta Kulkarni



Gaurav Rathi



Rugvedi Sakhare



Photography Credits - Chinmay Naik (F.Y.B.Arch)

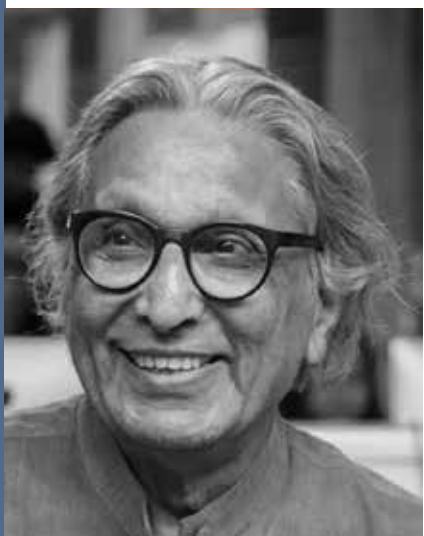


Photography Credits - Chinmay Naik (F.Y.B.Arch)



Photography Credits - Chinmay Naik (F.Y.B.Arch)

EVENTS AT MMCOA



Ar. B.V. Doshi

Date & time: 24th July 2021

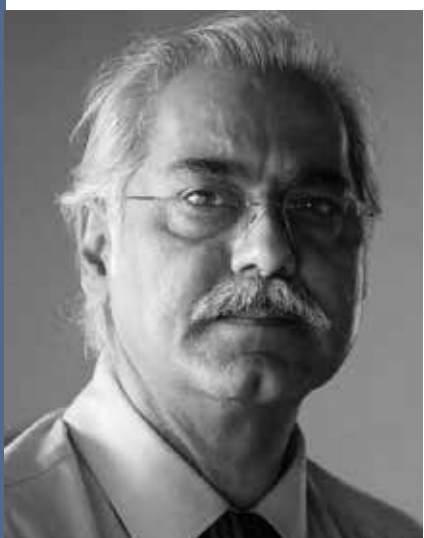
Pritzker award winner, master architect B.V. Doshi is well known for his contributions to the field of architecture. He has been invited and celebrated around the world and his work has been a subject of study for many scholars. Mmcoa conducted a dialogue with him in a different format. The online session was compared and conducted by ar. Girish in an informal style wherein Ar. B.V.Doshi interacted and discussed his experiences of living in pune. In his talk, ar. B V Doshi stressed upon the nature of buildings and what it means to the users. He spoke about how architecture should bring about joy and celebration. This inspired all the attendees.



Ar. Habib Khan

Date & time: 04th September 2021

As a part of the fountainhead series, MMCOA had invited the honourable president of COA, Ar. Habib Khan for a zoom session as guest speaker. Being in architectural practice for more than 32 years, Ar. Habib Khan has explored various techniques of architectural design & construction. He explained that contemporary vernacular style of architecture is an interpretation of the vernacular architecture of a region being reflected in the contemporary projects (context) of that region. Ar. Habib Khan further interacted with (MMCOA design chair) to discuss the current state of practice and education.



Ar. Surya Kakani

Date & time: 06 th October 2021

On world architecture day 2021, MMCOA had invited Ar. Surya Kakani from Kakani associates, to conduct a zoom session of fountainhead series. He divided his presentation in three parts – building as a material, building material with lesser carbon footprint, and building material from reusing/ recycling waste. He explained his design approach by considering these three strategies by presenting some case studies. His presentation addressed the page 2 of 3 use of materials and construction techniques that further enhances the opportunity for development of skilled labours.



Ar. Kiran Joshi

Date & time: 28th August 2021

Ar. Kiran Joshi is a highly valued academician and architecture practitioner in India. She had more than 40 years of experience working with various architectural schools. In her presentation, Ar. Joshi selected few settlements based on their geographical location and characteristics, which are nominated to be documented and preserved as heritage sites. Most of these settlements represent the response to their regional context and how they have managed to adapt and survive to extreme natural forces.



Ar. Rajeev Kathpalia

Date & time: 19th March 2022

MMCOA had invited Ar. Rajeev Kathpalia from Vastu Shipla Consultants, to conduct a zoom session of fountainhead series. He started the presentation with his experience of visiting the nalanda heritage site which gave him inspiration, orientation & helped in formulating a framework for the project brief. New Nalanda project is being of great cultural & social (neighbouring villages) importance, and this is reflected in the way Ar. Kathpalia has developed the masterplan. The overall project development is inspired and responds to the users and meets the cultural & social expectations.



8 DAYS, 8 ALUMNI, 8 COUNTRIES

MMCOA whose mission is to sensitize young talent to address societal concerns by creating opportunities for learning and quest for excellence through research and academics. More than a decade MMCOA has widened the horizon of students and Professionals and has named an insight on the genesis of Architectural Practice and complexity of design process by organizing lectures, seminars by eminent personalities from various walks of life. This year the International webinar series '8 Days- 8 Alumni -8 Countries' from 13'Aug'21 to 21st Aug'21 was conducted online in MMCOA to globally connect the students with Alumni.



DAY 1, 13th August 2021 - Connecting the dots

As principal Architect of Ingrain, Ar. Abhay Bhonsale has worked on wide spectrum of urban interventions. In his presentation on "Connecting the Dots", he discussed his 22 years of work experience and how he perceives its connection with his years in MMCOA as a student.



DAY 2, 14th August 2021 - 4 Nations 4 Cultures 4 Projects

Ar. Shaheen Mistry has worked in 4 countries with contrasting experience that she gained from these places was reflected in her presentation. Her careers evolved from being a project coordinator for a PMC in Bengaluru, to being an interior fitout coordinator at Dubai, to being a manager of way-finding & signage layout at Singapore and finally to being manager at a project design firm at Netherlands.



DAY 3, 16th August 2021 - Journey from an architect to a tech founder

Ar. Darshana Chouhan shared her rich experience of working with CCBA on the Bhutan Project. This helped her in exploring and developing tools that can bring together various stakeholders in planning of a city. This tool was presented on a platform provided by a tech company that was exploring avenues for smart city development. Later in the life Ar. Chouhan took this experience forward and tried to influence the physical transformation of more than 100 urban places via her Destech Competition initiative.

DAY 4, 17th August 2021 - Role of green infrastructure in urban growth areas

Ar. Parag Vishwasrao shared his fifteen years' experience in diverse range of organisations from small scale studio practices, to multidisciplinary international firms and local government within Australia and overseas. He spoke about the landmark commercial developments, including The Pearl in Qatar, high quality residential developments, developing strategies, guidelines, open space planning and public realm projects, from the early planning phase through to the completion of construction.



DAY 5, 18th August 2021 - Transit oriented development Context of mixed use

Ar. Ashish Lahoti, began his session on a enlightening note to orient the audience towards the culture and perception of Japanese people. This was a precursor to the thinking process that has led to the effective development strategy for TOD, in Tokyo.



DAY 6, 19th August 2021 - Placemaking and policy planning

After completing post graduation in urban design and urban planning, Ar. Dyanesh Deshpande holds a unique skill-set that enables him to see beyond architecture. The diverse experience gained via working as Principal Urban Designer for city of Edmonton and his work with rural municipalities of Western Canada, can be seen in his work at his firm Green Space Alliance. In his presentation Ar. Dyanesh Deshpande discussed the Policy frameworks and building byelaws that his firm has worked on for multiple municipal corporations in Western Canada.



DAY 7, 20th August 2021 - An architect's role in large infrastructure projects

Ar. Durre Sadaf has a unique practice which revolves around design & development of complex and coordination intensive building typology i.e Airports. In her current workplace, she has been working in tandem with a team of more than 70 architects on the Muscat International Project. She discussed few of the important aspects that went into designing and executing the project such as Structural requirements, contractual requirements, space organization, interior treatment etc.



DAY 8, 21st August 2021, Chaos in order

Ar. Arjun Mande, is a third generation architect in his family. Experiencing the rich practice of his grandfather and Father, Ar. Arjun Mande has developed a keen sense of spaces in terms of volume, proportion, scale and perception which is evident in his practice. As a Principal Architect of Goody Clancy, he has worked on many green field as well as restoration projects. He believes that architecture should be simple and playful to create memories. On the last day of this webinar series, Ar. Arjun Mande inspired the attendees to go beyond the basics and practice architecture that lingers in the memory of users.





ARCHITECT PURIST

Ar. Bijoy
Ramachandran
Hundredhands,
Bengaluru



ARCHITECTURAL PROJECT MANAGER

Ar. Rohit Sardesai
Kumar Properties,
Pune



ARCHITECTURAL INNOVATOR

Ar. Vikas Pawar
Rethinking the Future,
New Delhi



EVENT MODERATOR

Ar. Rahul Kadam
The NGK Studio,
Pune

THEME- "FUTURE OF ARCHITECTURE"

VANTAGE POINT 2022, the first annual flagship event of MMCOA, a platform for interaction and exchange of thoughts between professionals, academicians and students, to discuss various dimensions of Architectural Practice. Panellists share their thoughts on "Future of Architectural Practice in India".

MMCOA hosted "Vantage Point 2022" on 15th April 2022 at Auditorium of Bhandarkar Oriental Research Institute. This event was the first occurrence of Vantage Point, which will be held every year to address any prevalent concern of Architectural domain through Panel Discussion. The theme for Vantage Point 2022 was "Future of Architectural Practice". The event was attended by Executive President of Marathwada Mitra Mandal Hon. Principal Sri B.G.Jadhav, Dr. Ujjwala Palsuley, Principal MMCOA, Ar. Girish Doshi, Design Chair, MMCOA and guest architects from various organizations along with teaching & non-teaching staffs and students of MMCOA. In order to get a wider perspective of Architectural Practice, MMCOA had invited 4 panellists to represent 4 verticals i.e. Architectural Purist, Architectural Pragmatist, Architectural Project Manager and Architectural Innovator. Event comparing was done by Mr. Abhishek Mote and Ms. Vaishnavi Sonawane, students of 5th Year. Invocation for the event was done through a Poem by Ms. Pradnya Jadhav, student of 2nd Year, followed by a concept note by Ar. A. Raghunandan, Asst. Prof. MMCOA, and Welcome Address by Dr. Ujjwala Palsuley, Principal MMCOA and Exe. President of MMM Hon. Prin Sri B.G.Jadhav. After the welcome and commencement, all 4 panellists expressed their view on the theme through their presentations.

Ar. Rahul Kadam, Director NGK Studio, represented the Pragmatist Vertical and discussed the pragmatic approach that his firm NGK studio takes at various size & scale i.e. S, M, L, XL (a reference to book by Rem Koolhaas & Bruce Mau). He gave reference to a talk by Ar. I M Pei who noted the three forces that drive a project i.e. Quality, Cost & Time. With these guiding principles, he discussed 4 projects by his firm wherein "The Courtyard" was of S size, "Centre of Excellence and Urban Forest Pune" was of M size, "Transformation Management Centre" was of L size and The Workplace Campus, Pune & R&D Campus, Noida were of XL size. He ended his presentation with a strong message that "The Future lies in Respecting Mother Nature"

Ar. Rohit Sardesai, VP-Technical at Kumar Properties, represented the Project Manager Vertical and he explained the role of a project manager, project management principles, nature of work at project sites and head office, advancements in tools & techniques used for managing a project. As this vertical is not explored in detail under the curriculum of B. Arch, Ar. Sardesai took upon him the responsibility to give a brief narrative of a project manager's KRA. He discussed the projects of Kumar Properties i.e. HDFC School at Hadapsar and Conversion of Fort Jadhavgadi into heritage hotels and explained what all went into managing these projects.

Ar. Vikas Pawar, Founder Re-Thinking the Future, represented the innovator vertical. In his presentation about the journey he took to become one of the leading Architectural Media Content platforms of world, he discussed the 4 major parts/events/aspects. These 4 aspects were part of his narrative to describe the ups and downs that takes place in an entrepreneur's life. He ended his talk with his latest initiative i.e. Adobe an online platform offering self paced courses for architects.

THEME- "FUTURE OF ARCHITECTURE"



TERM - 1

SESSIONS' Co-ordinators:
Ar. Tanay Ambavane & Ar. Sanika Kulkarni

Dr. Dhanashree Ghare Making Choices

The session revolved around how students can achieve control over their lives through "choices". These choices would not only develop a positive attitude but also encourage students to face challenges.



19th June 2021

Dr. Sameer Deshkar Planning for Disaster Risk Resilience

Dr. Deshkar talked about sustainability and resilience with context to the changing climate and disasters that we face. As future architects, we should plan on counter measures to these calamities.



26th June 2021

Ar. Vasudha Patni- Joshi Designing Cinematic Spaces

Ar. Vasudha is a Pune based architect who works across many disciplines and media, Art Director and Interior Stylist. She worked on a short film called 'KNOCK KNOCK KNOCK' as Production Designer, which won the 67th National award in short film category.



3rd July 2021

Ar. Fatema Master Essays Without Words

Ar. Fatema Master talked about expressing oneself or one's ideas through illustrations. Her blog shows that one should not be held back by the limitations of lingual expressions.



10th July 2021

Dr. Suraj Pandit Mumbai Beyond Bombay

He has been teaching the under graduate students for past 19 years and post graduate students for 14 years. He has published 11 International and 28 National Research Papers along with 97 Popular Research Articles and 5 Book reviews



17th July 2021

Ar. Chandrashekhar Wyavahare Patterns of My Mind

Ar. Chandrashekhar talked about how designs can be developed through innovative thinking and finding multiple solutions through such thinking.



24th July 2021

TERM- II

Dr. Manjiri Bhalerao

The Buddhist Rock Cut caves: A Contextual Study

Her publications include two books (as a co-author), 27 research Articles and 25 popular articles. She has received the Lifetime Achievement Award from International Collector's Society of Rare Items, Pune on 15th November, 2019.



07th August 2021

Ar. Sunil Kulkarni Biophilia Pune

He was the proprietor of ORIGENE from 1998 to 2006 and was the Co-Founder of "CORE". He has won several awards like "Single Piece Furniture, Ambience Award," Architect and Interiors India Award. He was also a recipient of AESA Awards and honourable mention for an International Award, Re-Thinking the Future in 2014 and many more.



28th August 2021

Mr. Ashish Bhonde Where Photography Meets Architecture

Mr. Ashish is a young professional photographer who captures the beauty of architecture, interior design and the world through his camera lens. Ashish received a National Award for Architectural Photography in 2010. He likes to call himself a 'space photographer' and his work is surely one journey through dimensions unknown to the human eye!



04th September 2021

Ar. Mayuresh Shirolkar INSYNCH - Experience & Expression

Ar. Mayuresh Shirolkar - Ar. Shirolkar after years of experience, believes that a designer should create spaces for the user with empathy. He believes that the client should experience joy while using the space.



18th September 2021

Ar. Devaki Bandal The Narrative

Ar. Devaki Bandal focuses on simple design principles such as optimum use of light, ventilation, use of local materials, etc. as the foundation of her designs. She believes in user-specific designs instead of defining a signature style.



09th October 2021

Dr. Kirti Bhosle Sikh Architecture

She was part of KIDS INDIA Conference hosted by the International Play Associations in Mumbai as a resource person and in the ARCHDESIGN'14 conference, held at Istanbul on Design Methodologies. She is recipient of the INTACH research grant 2018 which is given to individuals, for her work on the "Stepwells of Nagpur"



20th November 2021

Mr. Rohan Kale
Step Wells of India

Born and brought up in Mumbai, he is currently he is working as a HR Professional in the Pharma Sector. As an enthusiast he Pioneered the 'Maharashtra Stepwells Campaign'. He is presently on a journey of Stepwells Explorations across India and wants to spread awareness about the step wells and inculcate interest amongst the youth about the glorious past.



15th January 2022

Ar. Pranjali Deshpande
Sustainable Mobility and Role of Architects

She is currently working as an independent practitioner on various projects initiated by the World Bank, French Development Agency and FCDO (former DFID). The session focused on discussing the need for adopting sustainable mobility principles, and how an architect can contribute in designing transportation.



22nd January 2022

Ar. Amit Patankar
What If the Place Could Talk

He has done his B.Arch. from Shivaji University Kolhapur and has done his M.Des. From NID, Ahmedabad. He is working as an automotive designer for past 16 years. He is known for Industrial design & inventiveness / innovation in the industry. The session focused on arrangement and design of spaces to the user's experience.



05th February 2022

Ar. Sonal Chitnis-Karajikar

She completed her B.Arch from SPSMBH's College of Architecture, Kolhapur in 2006 & her Masters in Architectural Conservation from SPA- Delhi- 2008. Currently she works as an Associate professor for the Department of Masters in Architectural Conservation in Sinhgad College of Architecture, Pune since 2009. Her wide interest in Traditional architecture lies profoundly with Military Heritage & Indian Cultural Landscapes.



19th February 2022

Ar. Ajay Kulkarni
Faith and Architecture

Ar. Ajay Kulkarni completed his Bachelors in Architecture from VNIT, Nagpur and did his Masters in Design (M.Des.) from IIT Mumbai. His firm 'Interface Designers' in Aurangabad has been involved in various fields like Architecture, Interiors, Product Design, Photography, Conservation to name a few. He is also an INTACH convener for Aurangabad chapter



05th March 2022

Ar. Dhairyasheel Powar
What If the Place Could Talk

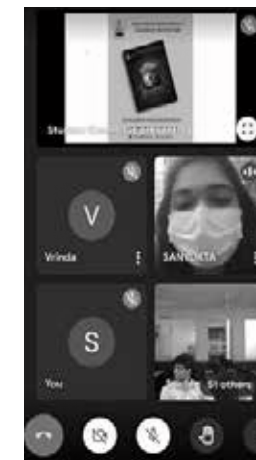
He brings in multiple years of experience at an international level in Unitecture, to design creative projects. Through Unitecture, Dhairyasheel has worked from a chair design to Township Master planning. Dhairyasheel has won and was shortlisted in a few awards including World architecture forum, IIA, IIID, American Concrete Institute, IBDA.



26th March 2022

KRYSALIS 2019-20 MAGAZINE INAUGURATION

An inaugural ceremony for the college magazine "Krysalis: 2019-20" was held on Tuesday 15th June 2021 at 1:00 p.m By Dr. Ujjwala Palsuley, the principal of Marathwada Mitra Mandal's College of Architecture graced the audience with her valuable words, congratulated and praised the magazine team for their efforts in putting up the magazine. She then, inaugurated the magazine online. The audience was then addressed by Sanyukta Kulkarni, the magazine head for year 2019-2020 followed by Ar. Preeti Chinnapattan, co-ordinator of the Krysalis magazine, Prof.Manjusha Wagh.



WORLD ENVIRONMENT DAY

Every year we celebrate world environment day on 5th june. This year on 5th june 2021 our college celebrated world environment day by organizing a tree plantation programme. Due to the pandemic, students as well as teaching and non-teaching staff planted a sapling/ plant at their homes or a place near them so that they can take care of the plant and clicked a photograph while planting the sapling and shared on their instagram story tagging the official college page. These small contributions by everyone brought about a bigger change.



YOGA DAY CELEBRATION

The event was hosted on google meet which consisted of a '24 surya namaskar challenge'. Faculty members Dr. Manas Marathe, Ar.Preeti Chinnapattan who are also yoga teachers at Art of Living, accompanied by the student council's sports head Aditya Wale were performing the Surya Namaskars live followed by all the students and faculty members. Three winners and four special mentions were decided on the basis of perfection. 'Maharashtra Times' newspaper had documented this event.



AWARENESS SESSION ON GENDER EQUALITY

As a measure to promote Gender Equity among all students, faculty members and administrative staff of MMCOA organized an online interactive session with Mrs. Revati Naik of Shankarrao Chavan Law College on the topic "Women and Law" on Saturday, 16th October 2021.



NEW DIMENSIONS IN ARCHITECTURE

MMCOA organised an interactive session for the students and parents aspiring to take admission for B. Arch course. Apart from the academic curriculum, they were also briefed about the extra-curricular activities taking place in the college. This included NASA activities, sports events and cultural events. Alumni, Ar. Abhay Bhonsale gave an insight to the architectural life. Students from different batches shared their experience about online and offline lectures. The theme of the event, 'New dimensions in architecture' was explained by principal, Dr. Ujjwala Palsuley and Ar. Girish Doshi followed by a question and answer session regarding the central admission process.



RESEARCH PRESENTATIONS

MMCOA research cell had organised research presentations for its students. Dr Manas Marathe conducted the first presentation on 23rd October 2021 presenting a part of his doctoral thesis titled - 'Re-imagining water infrastructure in its cultural specificity - cases of Pune'. On 30th Oct 2021 Ar. Chinmay Satbhai presented his award-winning research title 'Regulatory constraints impacting affordable housing supply'. On 13th November 2021, Dr. Aparna Dudwadkar Dixit presented her research paper on the topic 'Space syntax and architectural grammar'. The lecture focused on understanding the current conditions of schools and how the quality of spaces in school buildings affect the learning process of students.



HUMAN RIGHTS DAY

On occasion of 'Human rights day' an online lecture was conducted on 'Human rights' by Mr. Sourabh Ubale, lawyer and assistant professor at Marathwada Mitra Mandal's Shankarrao Chavan Law college, Pune. In this session, students and faculty were given brief information about human rights and importance of it. The topic was explained with simple examples. The lecturer highlighted the important role of an architect on designing and how the design should take into consideration disabled folks and their issues and their rights.

FIRST YEAR ORIENTATION

An orientation program was held from 6th to 15th of Dec. 2021 to welcome the students to their freshman year. The program allowed a great learning experience for the students. The class was introduced to various materials, techniques, and ideas throughout the program. Where they designed and created life-size furniture using corrugated sheets and other art forms like Mandala art, Kandinsky and Zentangle art. Several workshops were conducted to familiarize them with the art of Origami, doodling and live sketching. The students got an opportunity to interact and learn from experts like Charuhas Pandit sir and many other professionals from varied fields.



ORIENTATION OF ROTRACT CLUB

On 5th Oct 2021, an introductory session on rotract club activity was organized in collaboration with BBA\BCA\dept of MMCC. The event was conducted in an online medium. The event aimed to inform students about various aspects of rotract club including their committee members, the various social awariness programs conducted and much more. Students were encouraged to take part in the club and contribute to their workings.



INVESTITURE CEREMONY

To felicitate the ex-student council (2020-21) for successfully completing their tenure, and welcoming the new student council an event had been organised in the college on 13th December, 2021, at 8:30 am followed by a small investiture ceremony for the current student council (2021-22).



MAHATMA GANDHI JAYANTI

On 2nd October 2021, on the occasion of Mahatma Gandhi Jayanti and Lal Bahadur Shastri Jayanti, MMCOA had organised a small event to celebrate Gandhi Jayanti and felicitate all the helpers in the college, especially the cleanliness workers. The event began with presentation of a short video clip regarding Gandhiji's principles about cleanliness, followed by a clip honouring covid warriors and their struggles. In the later half, all the helpers in the college were felicitated and given a small token of appreciation and students and a few staff members expressed their gratitude towards them.



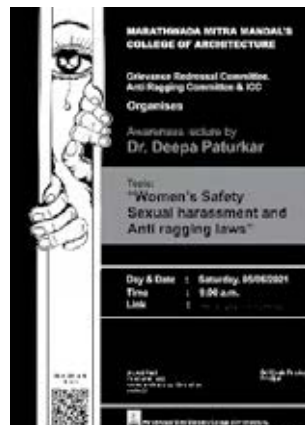
CAPACITY BUILDING & SKILL ENHANCEMENT PROGRAMME

An online lecture was conducted on 6th October, 2021 on how to work on and improve our communication skills in a manner tha would entirely benefit the students on a professional basis. The lecture was open for all students of Marathwada Mitramandal's College Of Architecture from first to fifth year. This was an initiative under the Capacity building and skill enhancement programme hosted by MMCOA.



KRYSALIS 2020-2021 INAUGURATION

The third edition of MMCOA's yearly magazine 'Krysalis' was inaugurated on 20th November 2021. The programme started with the magazine head addressing the attendees about the third edition. The magazine was inaugurated by Design Chair of MMCOA, Ar. Girish Doshi. Later few faculty members shared their words of appreciation. And few magazine team members shared their experience of working for the magazine.



AWARENESS LECTURE

On 5th June 2021, MMCOA welcomed Dr. Deepa Paturkar ma'am to share her views on 'Women's Safety, Anti-Ragging and Sexual Harassment', an issue which is essential for every student to know about. In 1999, the Maharashtra Govt. passed the anti-ragging law. Any ragging scenario, seen or heard, must be immediately reported to the authorities. The lecture, conducted by speaker raised a keen awareness among the first year students on how ragging, sexual harassment and passing derogatory comments is wrong.

DONATION DRIVE

Marathwada Mitra Mandal's College of Architecture conducted a donation drive on 30th August 2021 for social cause. This event was organised by our Principal Dr. Ujjwala Palsuley. The college donated some funds to Sevadham Vrudhashram (an old age home) in Dhonjegaon, near Sinhagad, ahead of Khadakwasla. The event was carried out in presence of the faculty Prof. Manjusha Wagh and Prof. Kirti Sagaonkar. It indeed was a great experience for students as they made a contribution and it's noble responsibility towards society.

AWARENESS LECTURE

As a part of service to the society and to commemorate the death anniversary of Hon. Late Shri. Vilasraoji Deshmukh, Ex Chief Minister, Maharashtra State, Former Union Minister, Govt. of India and Ex President of Marathwada Mitra Mandal, a 'Blood Donation Camp' was organized by Marathwada Mitra Mandal's College of Architecture on Saturday, 14th August 2021. A team of doctors and nurses from Janakalyan Rakta Pedhi, Pune came for the collection of blood. The event started by paying homage to Hon. Late Shri. Vilasraoji Deshmukh. Chief Guest, Dr. Manohar Chaskar, Dean- Faculty of Science and Technology, Savitribai Phule Pune University inaugurated the camp and congratulated the faculty and students for organising the Blood Donation Camp. Executive President of Marathwada Mitra Mandal Hon. Shri B.G. Jadhav, Principal of MMCOA Dr. Ujjwala Palsuley, Principals of other colleges and faculty members were also present for the event.

FIT INDIA FREEDOM RUN 2.0

To give a much-needed impetus to the physical fitness and health of the citizens of India, 'Fit India Movement', was launched by the Honorable Prime Minister of India on 29th August 2019. By the strategy, Marathwada Mitra Mandal's College of Architecture initiated a walk/run program from 29th September 2021 until 30th September 2021. The walk was carried out by the participants at their suitable time and walking pace. It was tracked using an application either from phones/smartwatches. All the participants were given an e-certificate upon completing the Fit India Freedom Run 2.0.

SERVICE SCHEME SPECIAL CAMP (23RD FEBRUARY 2022 TO 1ST MARCH 2022)



Marathwada Mitra Mandal's College of Architecture, Pune in the academic year 2021-22 under Savitribai Phule Pune University-National Service Scheme held a National Service Scheme (NSS) Special Camp from 23rd February 2022 to 1st March 2022 at Village Shilimb, Taluka Maval, Dist.Pune. The camp was attended by twenty five NSS student volunteers and three faculty members. Major activities in this camp included cleaning of the temple complex, construction of embankment on the river, painting of temple, pulse polio campaign, tree plantation, cleaning of school premises and other activities.

The activities planned were also in line with the students' architectural inputs for repairs of the school, temple and some mud construction activities along with the regular NSS prescribed works. The camp was inaugurated by Hon. Sarpanch of Shilimb Village, Mrs. Rasikatai Ghoghre. Each day of the camp began with various interactive sessions as well as field work. The NSS volunteers actively participated in all the activities. Prof. Kirti Sagaonkar, Program Officer, MMCOA -NSS, Prof. Shounak Naik, Student Welfare Officer and Prof. Yogesh Kawade organized and coordinated the entire camp successfully.





RCC STRUCTURE DETAILS

Location : Kasarwadi, Pune

Second year students were taken to the site at Kasarwadi. The site visit aimed towards the practical knowledge and observation of RCC structure details. Students made observations on reinforcement details such as main, distribution and additional reinforcements.



PRECAST MEMBERS

Location : Precast India, Pvt., Pune

The third year students were taken on site visit at Precast India factory to understand and observe precast building members and its manufacturing. Mr. Abhijeet Kamathe, engineer from the unit guided and explained RCC precast members, slabs, beams, beam sections for long spans, walls, columns, footings, etc and its industrial manufacturing.



INTRODUCTION TO HIGH-RISE

Location : Panchshil Towers, Pune

Case study for fourth year students was organized to Panchshil towers, Kharadi, Pune. This is a residential township with 4 buildings of 100mt height. Here students got to learn Architectural, Structural aspects and MEP services design related with High rise buildings. The process of manufacturing of the POD toilets was also explained.

Location : Kudaje, Khadakwasla, Pune

The third year students were taken to site visit at Zapurza creativity hub, behind Khadakwasla dam to understand and observe acoustical conditions through study of auditorium. The site visit was conducted to improve understanding of building services and auditorium design.

ACOUSTICS DESIGN



Location : Hinjewadi, Pune

The third year students of MMCOA were taken on site visit at under construction site to understand and observe the use and installation of structural steel in building. The visit aimed towards design potential of steel as a material and also to understand issues of construction of structural steel members.

STEEL CONSTRUCTION



Location : National Centre for Performing Art, Mumbai

Case study for fourth year students were taken to visit a National centre for performing arts by Ar. Philip Johnson. which aimed towards understanding different types of Auditoriums such as Small theater, Drama theater, Experimental theater, Opera theatre, etc. Also to study the architectural design, structural design and services involved in different types of theaters.

AUDITORIUM DESIGN



SITE VISITS



FIRST YEAR

Ranje village famous for the historical ranje temple located 30 kms from Pune was studied by the first years. This was an opportunity for them to learn about the heritage through different aspects of a settlement and vernacular construction techniques from the past. They analysed and surveyed structures and service in the village and the relationships that exist between the size of settlements, their function and the different land uses.

Date:- 26th April - 28th April 2022



SECOND YEAR

As a part of design subject for second-year settlement study students documented Dastur Meher Road Pune and its neighboring localities. The documented area is located in the heart of the city, the area of Pune camp was one of the earliest settlements of the British in Pune. Hence, most of the buildings are Heritage structures. Over the years modern Insertions have been made which are often insensitive to the architectural context of the surroundings. While some buildings seamlessly merge with the pre-existing structures.

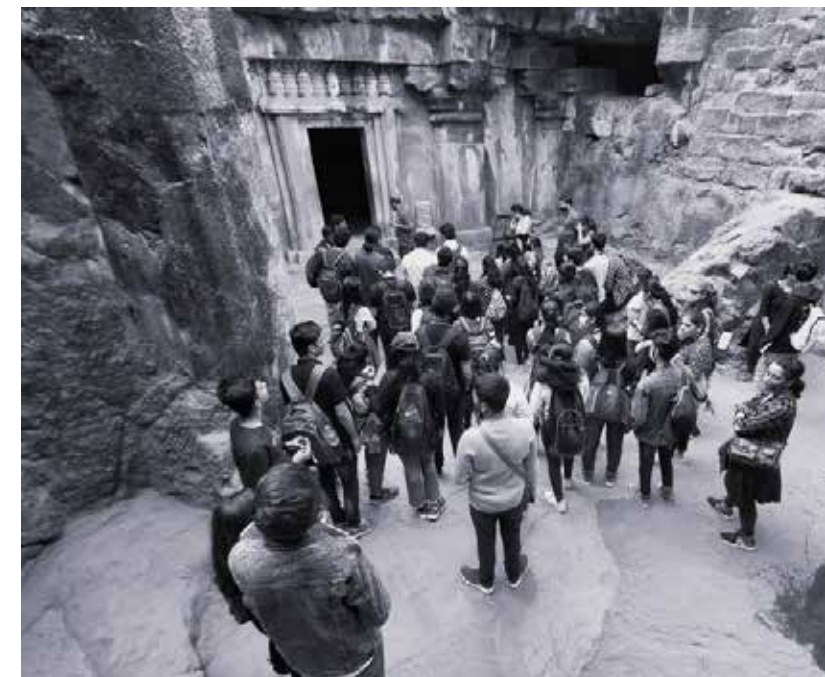
Date:- 24th March - 25th March 2022



THIRD YEAR

Settlement Study Tour for Third Year B Arch was arranged, wherein the students visited the city of Aurangabad, Maharashtra. Aurangabad, was chosen due to it's strong cultural and architectural value. The objectives of this settlement study included to study the locality in a different socio-geographic setting with emphasis on relevant aspects like culture, architectural typology, construction technology, urban fabric, climate, economy, etc.

Date:- 4th January - 8th January 2022





Photography Credits - Amogh Yeole (T.Y.B.Arch)



Photography Credits - Amogh Yeole (T.Y.B.Arch)



Photography Credits - Amogh Yeole (T.Y.B.Arch)

INTERVIEWS AND ARTICLES

SHORE UP THE TRICOLOUR

India celebrates 4th December as Navy Day. On 4th of December 2021, Saturday, the Western Navy Command exhibited the largest national flag in the world in a breath-taking view overlooking the Gateway of India in Mumbai. To hold the 1400kg Khadi flag, MMCOA's visiting faculty, Ar. Atul Rajwade designed a tensile steel structure, spanning almost 69m.

On the occasion of the 73rd republic day, MMCOA organised a lecture by Ar. Atul Rajwade, he shared his experience behind the design process of the structure with the students in the form an online lecture. He explained all the hardships and challenges they had to face in order to get the thrilling project to completion and their feelings of pride and content once it was done.



FIRST THINGS FIRST

Classroom management structure implemented in classroom.

Discipline is the most important and foremost essential value students must get used to. Another crucial aspect which needs to be imbibed by them is 'unlearn and learn'; up till 12th grade students are used to the conventional objective type teaching and learning process which has definite solutions unlike architecture and design which is vastly subjective and solutions are mainly based on personal interpretations and expression. Like widely said, 'one plus one is not equal to two in architecture', there are no specific sources to solutions, one need to be creative with some basic standard concepts, thus first unlearn previous methodology and then learn new vocabulary.

Team work and verbal communication skills yet again are extremely important for students and in turn professionals which mentors try to inculcate in students right from day 1 during orientation sessions which helps them get comfortable with their peers. Students need to be acquainted with basic structure of architectural education, introduction and use of various tools used for drafting to begin with. Students are creative by nature, its the faculty's skills to bring out and channelize and further enhance their strengths which will lead to them having a better understanding of their own interests and at the same time identify and turn into opportunities, their weaknesses and make sure they do not have diffidence while expressing themselves, language barriers for instance. They should be made to understand that all of them are sailing in the same boat and each one has unique skills which they need to share with each other.

Tips and tricks for students to improve sheet work.

As mentioned earlier, punctuality and discipline is most important, following deadlines and completing work should be prioritized and gradually with time management they can improve their work over weekends. Students are advised to spend time with and learn from seniors which can equip them in advance with advanced soft wares , presentation techniques, etc. Developing appropriate English language vocabulary is also stressed upon as it is considered a very important tool for all types of communications which one requires invariably. Regular pencil sketching is highly recommended as it is a great tool to visualize and express one's thoughts which can be understood very easily by the receiver.

Time management tips and tricks for students.

Students nowadays are not habituated to sitting in one place and concentrating for longer time spans, periodic breaks are recommended but they need to manage to come by the habit of working at in one place without being restless in order to prepare themselves for design time problems and other time bound tasks in the long run. With an organized schedule one can avoid slogging through nights and other health and other issues that follow. 'Eat well, sleep well, work well', is the one thing which will keep you going well.

Three words of advice for freshers.

Punctuality
Creativity
Ambition



ARCHITECTURE EXPERIENCE VS EXPOSURE

Chapter 1 : The Beginning : Let me tell you a fact about my life, I never ever travelled out of Maharashtra before joining architecture and in the very first year I was blessed to travel to New Delhi for NASA annual national convention in 1996. That was an eye opener and exposed us to a totally new world and from there on, there was no looking back. I travelled to many states in India. Eventually I did my internship at Kanvinde Rai & Choudhary at New Delhi. During those 6 months of internship I, along with five more of my classmates, travelled to many cities around New Delhi.

Chapter 2 : Learning continues : Learning never stopped even after graduation. I decided to go for masters degree and got an admission at School of Planning & Architecture in New Delhi. During masters as well I was fortunate enough to travel to many other cities in India. It was never adequate how much ever I travelled or learned. After masters I was working with Ranjit Sabikhi Architects in New Delhi itself. There I got to work on many projects across India.

Chapter 3 : Professional practice outside India : Let me tell you one more fact about my life, before me, none of my family members had ever travelled abroad. However I was lucky enough to get an opportunity to travel and work in Dubai and grabbed hold of it. There I got to work on many large scale and high rise projects. Since I had travelled quite a lot and worked in India as well, I was in a better position to compare both practices and pick the best one.

In Dubai architectural practices are highly system oriented. Everyone is organized in terms of working as well as documenting and communicating the same. All concerned agencies are on board since day one of the project. Also amendment of any change to what is already been approved is very difficult, as this again has to go through the entire scrutiny system. After working for few years, these kind of systematic practices become a routine.

Understanding the role of an architect in the entire project framework is very well defined and focused. But learning the systems may take many days and can even extend up to months. An architect is given specific time bound tasks which he must perform within pre-defined formats. In the beginning this kind of role is good for beginners where learning and applying those lessons is part of daily workings. But on the flip side, this kind of role might limit scope of works. Hence an Architect should always be eager to learn more about entire project proceedings and regularly visit site to understand the post drawing production processes.

Chapter 4 : Learn vs Earn : We always make a mistake to understand the difference between learning and earning. I must say that if you are ready to learn more, both academically and professionally, eventually you will Earn more. Hence my advise to students will be that they make achieve expertise in best practices. Slowly and steadily Earn part will start and will grow exponentially over the period.

Chapter 5 : Experience vs Exposure : In the process of getting necessary experience, an architect should constantly keep exploring and exposing oneself to diverse scenarios. Other than working, it could be in terms of travelling, visiting new places, sketching, photography, talking to people across different fraternities or any other means which instigate and enhance creative thought process; bottom line is zeal to explore must persist.



(Ar. Amruta Naidu, graduated from BKPS College of Architecture, Pune in 2018, runs 'URVEE Public Trust' which works toward the revival of vernacular techniques and sustainable development.)

As a student, were you always inclined towards sustainable/mud architecture?

We had gone for a LBC workshop through NASA in T.Y. where we had hands on with making cob walls, arches, random rubble masonry and it was the first time I was introduced to Laurie Baker's work and since then I have been interested to work in this area.

Can you tell us about URVEE and your work?

URVEE was established in 2019 and registered in 2020. The vision is to work in rural environment and to provide them with safe and comfortable houses to live in. By principle, we are promoting sustainable architecture, which is environment and climate friendly. Simultaneously, we are trying to sensitise and orient beginner architects before they get into practice; where we try to put forth different avenues, introduce alternate construction techniques to them so that, they make responsible choices in their professional career.

What inspired you to start the foundation?

Prasad Thete and I were working as volunteers at Anandvan. We got to build eco friendly structures for the anandvan gram panchayat, 3 large scale public structures and the people loved the thermal comfort it. The construction was affordable, made using local materials and skills which are also the philosophies we are working on right now. That was our trigger and we asked, why not every village get to work with an alternate technique. Then Prasad and I decided to get into social service and work for the villages.

How will you describe the work culture in your office? Can u tell us a little about your team?

It is quite informal and we like to work on the site, on the grassroots level. There is no hierarchy in our office as such, everyone works in the field they are comfortable and what work comes forward, whether it is a helper on site or a mason or designer or a draftsman or an architect and we believe in being down to earth and open to any work opportunity that comes to us.

What is your idea of sustainability?

Basic confusion we see is sustainability is equal to durability but I don't believe so. Whatever sustainable action you do be it structure or lifestyle, it should be in tune with the environment and nature around us. We should think about other living things around us and not take actions selfishly, I always look at thinking about the broader picture.

Do you have to compromise on aesthetics to ensure functionality?

Yes. Form follows function. I am not trying to make my structures monumental and give a take of my name to it, I want the user and client to appreciate it and not the fans or media. So I prioritise user comfort before aesthetics.



What kind of limitations do u face when working with sustainable materials?

Acceptance is the first limitation. These practices have been in India since ages and now we are taking these jargons from western culture about eco friendly and sustainable living; while the Indian culture itself had these sustainable practices. But there wasn't any evolved process seen and was an abrupt change of practices and material from traditional ecofriendly materials to conventional rcc structures. Traditional practice we had was valuable. It should be taken forward, researched upon and there has to be innovations holding the history and culture of India. For eg. In India it was yoga, when it went to western culture it became yoga and then suddenly everyone wants to do yoga.

In the current scenario, space is a big issue and materials such as mud and bricks come with certain restrictions about how much you can construct. What is your opinion on this?

What you said is applicable to urban and suburban sectors in india....whereas rural parts have the liberty of land. Today we have had advancements in technology, so we don't need a 4ft thick base wall to build a taller structure. Now, its also possible to build upto G+3 floors using mud with options like hybrid construction techniques.

Which project is closest to your heart?

My first project, in anandvan, a public toilet, it was the defining point of my career, tons of new experiences in 1 project itself, so it was close to my heart.

What is your opinion on the upcoming architects?

I have seen a shift in the last 5-6yrs. When I was a student we were unaware of alternative building techniques, it was nowhere in the curriculum, workshops, or where to go if you want to see it but now every clg is talking about sustainable, eco friendly practice. This clan of eco friendly architects is also rising day by day which is good. Only thing is that, what budding architects should do is take a sense of all types of practices, principles and values before getting into the profession. And when you feel from within, that this is the line of action you should have, these are your set of principles then you should go ahead with it.

Message to our students.

Any line you draw on the paper is going to be built and stay for about 50yrs atleast. So, what you put into your design is a responsible affair in cost, user, environment perspective. Don't take your profession casually, because unfortunately, an architect is also known as an engineer but if you want to make a mark of your work you should be responsible professionals.



(The first statement that was made by him was 'you are late', after a few minutes of delay in starting the interview, by us. Undeniably it was a very appropriate statement for a watchmaker to make! And it was the very first attestation of an extremely punctual, particular, and professional person, yet an honest and humble human being; as he answered us and showed us his work very generously and not to mention had a lovely chat with us over a warm cup of tea!)

What are the experiences or memories that you had at MMCOA?

I was there from 1993 to 1998. I only have good memories; you always enjoy your college life. In the early days, for the first few months, we were in the old building today the MMCC hostel building, then we moved to this new building which did not have toilets, but eventually, after the first year, everything picked up. Some of the teachers stuck in my memories are Zambhre sir for ADG, Prasanna Desai Sir for Design, and Kiran Kalamdani who use to teach us history.

After Architecture what drove you into the product design field?

Ar. Atul Rajwade who is 3 years senior to me, went to IIT. He told me about various courses, which got me interested in the course. After that, I worked as a product designer for nearly 10 years starting with BPL followed by at PHILIPS, TACO where I worked on Consumer electronics, domestic appliance lighting fixtures, and Automotive interiors. I always liked to make things but those were static models, watches and clocks are machines; they shouldn't just look good but work well too. I brought some cheap broken watches, opened them, and started learning online and from books. Back then there were forums of watch enthusiasts, Professional watchmakers' forums taught myself to fix and repair watches and clocks. You need specialized tools many of which are not made in India and are very costly. I would go on eBay and buy second-hand tools and import them. Eventually, I made it my profession. The journey began as a hobby and now is an obsession and then I had to make sure that I earn my living out of it.

What differences do you observe in architecture and product design?

I never worked as an architect, I did the course, and went straight for a master's, worked 10 years as a product designer but in the last 3 to 4 years I have done quite a few interior works. The difference is that architecture or Interior Designing it is more or less custom-made, but if you look at hardcore product design it is designed for mass manufacturing. When I design a thing that 10000 people should buy, I must consider things like- what size, colour will appeal to them, understand their problems, get familiar with other things and technology.

Do you still keep track of technologies and upgradation in product designing?

I keep track of stuff that interests me, like watches, and have my knowledge base up to date. If asked to do product design I might be able to do it with a bit of catching up about new technologies, and new materials like I mentioned, I do a few interiors but for someone who does it day in and day out would know every small detail and update, but I would work



YOU ARE LATE!



How are problems resolved in watches?

When clocks or watches that have been repaired before came to me, I saw that there is no proper tradition to do a job, one must give them back to the time they were made, so whatever I make should be of a greater standard. Now when you are dealing with old objects, a 10-year-old and a 50-year-old is going to be different. When you work on something like this, then you have to return it back to that stage because it's a record of history. An extreme case against this is throwing away the machine and putting a new battery. When my great-grandmother's clock back from 1905 was made its accuracy used to lag by one to two minutes a week, now the natural tendency is that it is not accurate, but a more respectful approach is that yes that's how it was and it's doing that. When you make a replacement part you make it the way it was years ago, you do not do improvements; you do not put in your creativity for no reason. When a timepiece comes in I open it up, I examine it, the basic aim is to fix the mechanics and get it to work, then if there's some other damage, you see how you can fix that you see how you can restore it, you just don't put it on a polishing wheel and polish it up, if it is meant to be waterproof you return it to that gaskets. Creativity still exists when I make and design watches. When there's an order, I tell clients how long it will take, and here I have full freedom as it is my design, my product, and I make it the way I want.

What are the opportunities in this field, coming into an entirely different field, do you have any advice?

It is always a question of balance, being reasonable, and following your heart. If you are always reasonable and consider doing a job just because you earn an extra buck, you are not nourishing your soul, if you totally follow your heart come what may, then what will you eat? How do you buy clothes? Whatever you do has to have a balance of all this, be reasonable, make sure you are independent and have all your needs fulfilled. Maybe you slog and complete 10 projects and make sufficient money but do 1 which might be slightly bothersome but gives satisfaction at the same time. The things I work on are unnecessary and outdated because you do not need clocks and watches like those anymore and then where are the people, who want this done? How do I project myself; how do people find out about me? It was a long hard struggle for doing all this. When you do something different you must know that it is going to be that difficult too and if you are not a natural businessman and your natural inclination is not towards certain aspects then you only learn from harsh experiences; so, you need to have an appetite for learning that way here and then making it work.

Out of all products, why did you choose to make watches?

I have always been a person who makes things, do things, which are repairs and nowadays you people wear smartwatches or some don't even wear any, so you people won't understand it. Earlier, there were watches with batteries, everyone wore those, now even those are outdated, but in my very early childhood, all watches would work on keys, mechanical, which had a machine with about 80 parts, gears, levers, springs which worked together and I just find that fascinating there's no rational reason for that.

How do students decide on their master's careers?

Firstly whatever you choose, you to have interest. Your heart has to be in it. Then there can be some groundwork regarding the actual scope in the chosen field. So, choose your own area and within that, make sure it has scope. Otherwise, you would end up like me jumping from architecture to product design to watchmaking. But I will say that since 1993, everything did has been related to design. I have been studying it, practicing it, teaching it; so that is like one of the pieces of architecture and I am not mass manufacturing it.

How did you establish yourself in this field find clients?

Initially I only repaired watches. It was an exciting thing to challenge myself, whether I could do it. At times it worked at times it didn't then I reached a point when I was sure that I could do it. It took time to build up that confidence. I thought I would only make new and only high-value watches and make plenty of money in a year and that's about it. But, 12-13 years ago nobody would have put money in a watch made by an Indian in a city called Pune. The perception was very different about us in those days, so it was always a hit-and-miss attempt. And I was very proud of myself back then, I thought I was a watchmaker, not a mechanic, but then I was in a very low spot. Later my perspective changed - "Why don't I monetize it?" Today the situation is that repairing is my bread and butter and the making is like a flagship operation. People know that I make watches, so they think I could definitely repair watches for them. The situation on the ground is totally reversed, I earn out of restorations and make a name out of watchmaking. As I mentioned many people do not wear watches at all, and out of those who do, hardly any wear these mechanical. So if you go by the traditional T.V. or magazine advertising, you would have to spend a very heavy sum of money. Here, Social media helped me a lot. In the early days, I would post on forums. Now forums have been replaced by Facebook pages and I am a member of many of these watchmaking enthusiasts pages. So these people know the community and get people connected to the right ones. Then one day I was introduced to Instagram and it was a big thing for me. I decided to have a page and dedicate it only to my work. It has been proven to be really beneficial for me like you all see me as an entirely different person. In college, I come as a teacher and you are my students and I have to be strict so that you can learn. But I am not naturally an outgoing person. Some people have a flair for publicity can talk about themselves, but somehow, I can't. I find it distasteful and I find it the most disagreeable job. What Instagram does is, one can quietly in your own way post things. Sometimes if I do an interesting repair, I post it; if it's an interesting timepiece, I post it in various stages. With the hashtags, the right people notice it and then once you get a foot into a certain community, people get to know about you.

Now do you think you are satisfied with making watches or would you like to do something in architecture?

If an opportunity that truly speaks to my heart truly speaks up and if I feel I can do it then I will do it but I don't feel I should leave this watch thing and go for architecture. Most of my time is spent repairing watches and making 1-2 watches in a year and the remaining time goes into interior projects and I get quite a lot of satisfaction and I never sought it. For instance, a sibling of mine who is in the food distribution business and had many small shops decided to have one big shop and wanted me to design it. At first, I was hesitant because when you build a house for some family member you get through with small issues, but for a shop for which someone is investing a huge sum and is going to be used by the public, it is a big deal; but he insisted and I agreed. For a week or so I spent reading online about how different categories of shops work, studied various shops within and in another city and familiarized myself, spent another week digesting all the information, and studies and compared supermarkets abroad and in India considering the cultural background and did it, did two more shops, and a couple of houses later.

What are your plans for getting back into teaching?

If given a chance I definitely will. But I preferably would not teach senior classes as it gets more and more real. You have to know all the details and intricacies and structural calculations involved, but have not done much of it practically. I would not be the apt person compared to someone who has done an appreciable number of buildings. My knowledge is pure design. I would only teach first year and only basic design. My whole aim was is to infect the students with a love for design, practicalities they would learn howsoever but I want to teach them to think how they feel.

- AR. ADITYA SAMBHARE



Architecture has many definitions defined by various philosophers. What is architecture for you?

For me it is life. Architecture is all about how you live in a space. Whether you are living in a space, or working anywhere, somewhere you are utilizing the space. How you articulate yourself in that space or being architect you create such spaces for others. You are living in architecture so it is life.

Is there any mainstream school of thought or any philosophy that you believe in?

I have not subscribed to any particular one philosophy because there is always some learning happening in each and every individual. So whether it is Le Corbusier's 'Against the nature' or Frank Lloyd Wright's 'With the nature', both of them are offering something new to learn about.

If you restrict yourself to one particular school you are missing others also. Probably the modern masters had strong belief in what they were doing, what they wanted to say but architecture was probably not only that much. So there were many different thoughts and you together try to experience life. So as I said life is what you need to look after in architecture. Life covers everything, being with nature and being against the nature also. By being a human you are against nature but you have to survive, sustain, you have to go with nature also otherwise one day nature will desert you.

What made all the masters believe so much in their philosophies?

Those were the times when there were evolving many more things in the society like from feudal society to industrial society. Simultaneously from an aristocracy to a democratic society, many things were happening simultaneously and all of these were influenced by these masters because they were a part of this society living their lives in those times. Therefore, those events, those political aspects also influenced them in the way they reacted to their own field that is architecture. If you see some of the works that were carried out by architects who participated in the two world wars, their output before war and after war were all together different. In Le Corbusier's works you can see how their sensitivity changed pre and post-war. The very fact that market economy came in after these masters' times, the hi-tech movement started to generate. For one more great master who has not been recognized so much is from the school of archigram is, Peter Cook. The works that he did and the ideas that he put forth in 1960s, they are valid even today and for some of them, we are still trying to find out how they can be made possible. Then again in 1980s and 1990s, you find that lot of sophistication has come in and things are now communication based. Our society has changed from industrial society to communication society. Architecture has also gone in changes where you need to communicate an idea very quickly. The façade needs to be understood very quickly in an electronic manner or a speed of light and we don't give second glance if we are to spend hours reading that building together.

Since when are you in the teaching field?

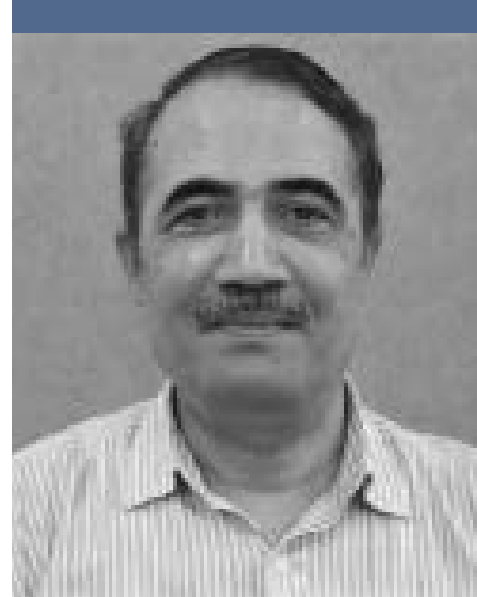
I am teaching from 2007. In fact, I made a stint in 1988 for a semester when I passed out, here in MMCOA. During first year of my practice after graduation, I wanted to experience everything; right from teaching, working, doing freelance work, doing model, perspectives. Those kind of works I did just to understand what architecture is about, how architects can be gainfully employed. After that I felt that proper working is must. So nearly for 8 years, I worked with Iqbal Chai and Associates and then started my own practice. I built around 10 buildings then I thought I was confident to teach so then that is how I came into teaching otherwise I would have not come into teaching at all if I felt a shortage of experience.

You have seen generations of students throughout these years and a variety of thoughts from these. So how you evolved as a teacher through all these years? Is there any particular change you see in yourself in these years?

Firstly, I became patient. I was very impatient in my practice. If any thing did not happen to my expectation, I would lose temper. Even now I lose temper but not at that extent. If students are not doing work, I have to motivate them either with carrot and stick.

Any particular incidence you remember since 2007 in terms of learning or student's behavior?

This incident happened in 2010, we had a team of 8-10 architects in a jury and we were reviewing the students' work. One particular student had done a pencil work which was not up to the mark and he presented it. Everybody was very critical in discouraging that student and giving undue remarks.



That student was almost in tears. Something in that sketch made me believe that this can be worked upon so I took upon myself to stand by that student and the moment I gave an encouraging comment, the rest of the faculty members were aghast saying that why are you doing this? Is that student related to you? I said, no relation, I just saw an idea that can really work and that student needs to be encouraged for working upon. One month later she came back and made a presentation. As soon as she pinned up, I called the rest of the faculty members also again and they were also amazed at the kind of work she was able to produce. They really liked that approach where in you can really support a student and get a good work done. That is an incident that I remember. You must have noticed in class that I don't discourage any idea. Especially, first idea that you come up with. It is always possible. You just have to believe that it is possible. There is something I would like to add here. I never taught first year. Last year due to covid I happened to teach fundamentals of architecture. I felt that the connect is altogether different at the first-year level. The way you need to start teaching first year is altogether different in terms of understanding basic words in their language. You need to make effort. At third year level I used to give them lots of words and ask them to learn but here I learnt how to make them learn those words. So actually I am learning through the fundamentals of architecture class.

What opportunities should students explore in these 5 years apart from academics?

I did a small task in the class, asking students to design an organism on mars. Everybody gave very innovative interpretations, for example there is food scarcity so people would be manufacturing their food from light; or they are photosynthetic and their colour is green. Everything is related to what they had seen. So that simple exercise concludes that you cannot imagine something new out of the blue, Your idea will generate from what you have experienced. That is why the 5 years should be where the students are exposed to more and more different things, made to carry out different exercises, spatial experiences where in they build spaces and experience. These 5 years and next 5 years to come, experience as much as possible. Go to different places, watch movies, read books as much as possible because books are a store house of experiences of another set of people from another society. Movies expose you to many things including fictional things also at times. You try to put in yourself there and experience that too. So that's how I think in next five years the students should spend their time.

In the start of the novel 'The Fountainhead', batch of 1922 is graduating. In the novel, the protagonists go through many highs and lows in their career. Now that batch of 2022 (A century later) is graduating, what should they expect from the professional world? Will there be any parallels from the novel?

One parallel it will not have, complete your education because you can't afford either getting expelled or not completing the education! (laughs). The 2 contrasting characters have been created by the author just to emphasize that one should be truthful to oneself. If you are not happy about what you are doing, that can not be designed. You design spaces which are going to be utilised by others, in very rare case the user of that space will be you. So, unless you yourself are happy with it, others won't be happy with your work. In architecture, whatever emotions you are having at the time of designing, those get translated to the form and the space that you create. Your emotions will get transmitted through that to the end user ultimately. If you design with indifference, apathy; the user is going to be apathetic towards your spaces. He will not notice what you have designed. So that being the case, you should always have that passion to drive through your work, whichever work you end up doing, even if it is a design of a small stool, you should have that emotion with you.

In the initial days of our career when we are working with somebody, what should we expect or be willing to learn or how do we make most from the opportunity?

For opening office, you should always have at least 5 to 6 years of experience behind it, only then it is fruitful. In Jumping into practice directly after graduation, one risk is you will be not doing justice to your own client because your inexperience is going to be expended by your client; and second, if any undue thing happens, it will be at the cost of your own practice. All that you have learnt in 5 years is not experience, it is theory. The stakeholders that are involved like contractors and clients are missing in the 5 year academics. As faculty we do try to enact like a client and groom in to you but neither contractors cannot be brought into that enactment not the money aspect. So in the experiential phase, focus on how things are being built, the processes involved, administrative duties called by the architect.

Should one pursue masters directly after graduation or after some work experience?

If you know in which stream you want to go, do it immediately. But if you don't, work for some time and then go. My own experience of working for one year and then going for masters was that I didn't continue as 6th year B.Arch. I continued and 1st year M.Arch and then I went for planning classes also because I found them interesting. The maturity of interest will come if you take a gap of 1 or 2 years.

- Ar. Ravi Patwardhan, Design Chair, MMCOA

"Art is the elimination of the unnecessary."
- Pablo Picasso

Sketching is an art of visualization, making observations, and understanding the space. Amending things in your mind, omitting the unnecessary and adding a sense of your own perception giving you a chance to create a scene on a blank paper. It is a conscious attempt, of expression, a blend of an experiential learning process and one's own creative skills.

Sketching gives you a sense of proportion enhancing our thinking ability in a proportional way. Since we are architects, proportion is an important aspect while designing and surely sketching helps you with that. I perceive sketching as my way of expression. It is a thought process of extracting what I want to express from the scene and put it on the paper. We all need a way of expressing and sketching is a good medium for that. As Salvador Dali says, Art is not what you see, but what you make others see.

In hindsight, I feel, I was fortunate that I could see the works of a renowned artist, Milind Mulick sir since my childhood. I could observe him closely through his demonstrations on site. He had his own way of expression through his paintings and sketching especially, which left a great impact on me. Because of my father, I got acquainted with the works of Lt. Ravi Paranjpe sir, Lt. Shivaji Tupe sir, Lt. Pratap Mulick sir, and many more. Being in BKPS College was a privilege where I could hang around with students from GD Arts. Observing their works and demonstrations, and moreover the discussions with them would give me a great inspiration.

Being an architect graphics is our language. Visual expression is the key to good explanation of the thought behind our design. Sketching gives me confidence, clarity of thought while designing, a better expression of scale and perspective.

I observe, many students or beginners hesitate to sketch. I think it is their hesitation about expression. I believe whenever you sketch it creates memorable moment. Me personally, irrespective of the final product and composition, I get elated by the whole process of expression. That journey is more joyous than the sketch.

Perspective, visualization, proportions and dimensions are four pillars of sketching. Observe the shadow patterns, built objects and sciography of buildings and try to pen it down on paper. It needs a rigorous effort and sense of proportions to command the technique. Now a days, there are numerous softwares, apps and virtual graphical tools available for sketching, however personally I like pencil, pen and paper the most. I started with pencil, inking and later developed sketching with charcoal and alcohol markers too. One develops their own styles while sketching and there's a lot of fun in exploration of every medium. I always believe in following rule of 10000! ... that is practice anything for 10000 times one will never forget it. One must never hesitate to sketch and be afraid to go wrong. See around and observe, before you draw. Just believe yourself and ENJOY THE PROCESS...!!!

Ar. Saurabh Agashe



AR. GIRISH DOSHI

DESIGN CHAIR, MMCOA

We as students of architecture look upon your work as an inspiration. Would you like to talk about your journey up until now?

I joined architecture in 1974, after graduation in 1980 I joined Sangath under the mentorship of B.V.Doshi, located in Ahmedabad. I worked with him for 7 enriching years and was back to Pune by 1987. In 87 I started my own practice under the name 'NAV KAR' architects based in Pune. Earlier it was located on Satara Road, after a while we shifted to our house Manikanchan in 1997, up until now, its been 35 years we are still working as a family. I have done various projects in these years, which have taught me a lot, and I enjoy my work and my practice

What inspired you to name the firm 'NAV KAR' architects?

NAV KAR is inspired by three things that I came across which were, the first, lettering on one of B.V.Doshi's greeting card for Diwali, the way he had calligraphed DIWALI looked like NAV KAR, secondly we have a mantra called NAV KAR MANTRA, so even my mother was happy about it, and thirdly NAV KAR resembles NAV-AKAR, which means new shape and that is what I have done in my practice, I have tried inventing new shapes for my projects.

What is your philosophy as it comes to architecture?

For me architecture is storytelling, architecture is common sense and architecture is a franchise for people and is not an ego booster. I don't go into ego showing things. I stop it when I will feel I have done enough. The moment you start going beyond, it is the ego that takes you further. Ego is not good for architecture. I don't work to be a hero, I feel being down to earth has helped me

What were your learnings from your time at SANGATH?

The time at Sangath was a golden era. I was very rogue, I had failed my 1st year and my confidence was very low. But one thing I knew was that I draw well and I understand cross sections and architecture properly. Initially times were tough but the upcoming 5 years were rolling. I worked with Doshi sir quite a bit. The office environment felt like gurukul and architects from all over the world visited him so that exposure was one of the keys of working at sangath.

What would you advise a confused student wanting to find an expertise?

I always suggest students to look around and find the ones with experience and talk to them about it. There are many architects in Pune you have access to, so you can seek advice from them regarding all your confusions and your goals in the field of architecture. When I failed, I spoke very bad English, but my college had good collection of books. I used to sit and read by Le Corbusier, this led me to work in Sangath. There's always someone guiding you. You just need to sense it and follow. Take the right decisions, it will take you to good places. There is no shortcut to all of this. It has been 40-42 years, I still talk to Doshi. I believe my bhakti towards him and the field of architecture has made me strong and has kept me connected to him. I also think that if I can achieve to such an extent in my life anyone can achieve it with dedication and will. Internships is a very important milestone for you, so please select a good architect according to the field of your liking. It is a door that will expose you to the proper architectural practices for your future. It is just one golden chance in your life, if you aim it right you will be



"LIVE MOMENT TO MOMENT.
EVERY MOMENT IS IMPORTANT.
EVERY MOMENT MAKES LIFE!"

NAV KAR

How would you want amateurs or students to gain knowledge of architecture, what would you suggest?

Architecture happens in a very personal space, It is very self learning thing you need to research you need to study everyday apart from the college work. On weekends you could learn about one master architect, his life, his work. It is essential to know the work of master architects which is rarely found in 1st and 2nd year students nowadays. Travel is a good way to learn new things. Through travel, actually you are one with architecture. You are right there in the space, so you can understand the size, proportions and vernacular aspects. When you are sitting on a drawing table for designing, all these experiences and observations will seep in and you start designing buildings.

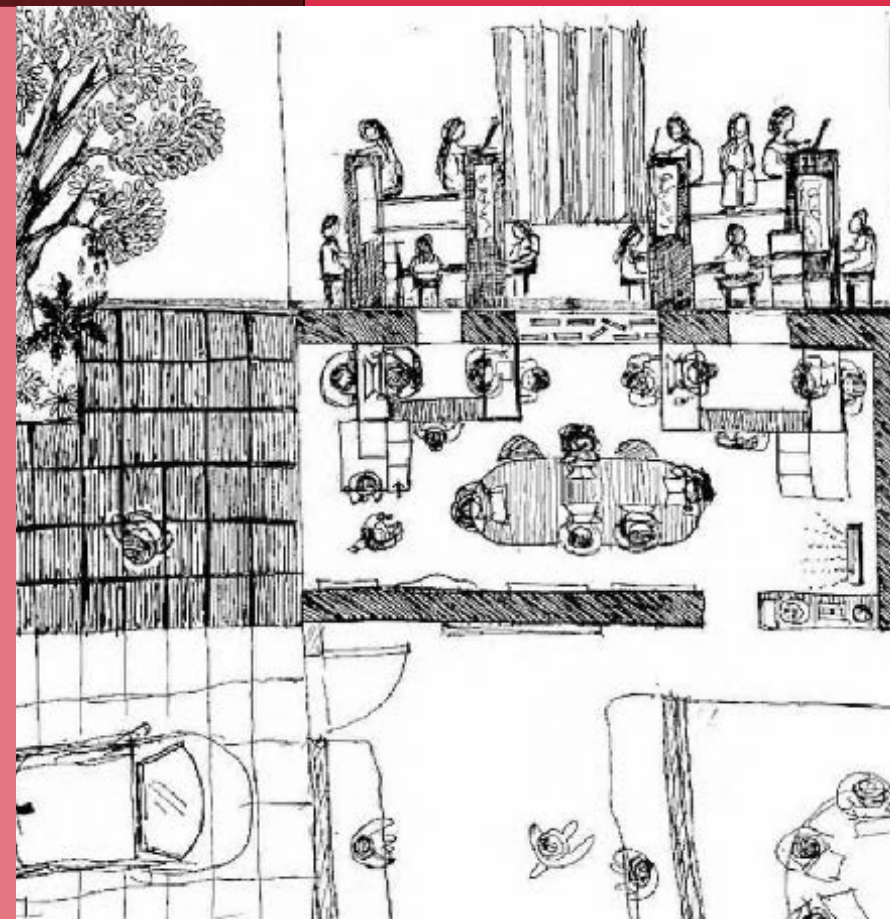
As you explained about passive cooling strategies you implemented in your projects what are your insights on green building?

Ultimately if you want to save world, it is necessary that all these kinds of strategies, should be implemented whenever we get the opportunity in architecture, if you start inserting it one by one over a period of time, you will be saving a lot of things, that's important.

What other passive cooling strategies would you suggest that work best practically and are budget friendly?

Basically architecture is all about appropriateness. You have to be flexible according the client's budgets and requirements. Your wisdom or your understanding as a human, must grow to such a level where all this becomes a simple thing for you, with common sense you start doing things. In the end it works very good, if you put light, proportion and you put spaces into it.

As the world is swiftly changing, how do you think the design process has evolved? What difference do you observe in earlier days and today's work?



I think as far as houses are concerned big families are turning into small ones. The way I was doing my houses in the past, the same opportunities I don't see now. So we have to find new forms actually. Recently we were struck by covid pandemic and Work from home became common. I think all these are changes that surely will damage architecture. It happened earlier due to transportation changes, also Le Corbusier's 'Five Points of Architecture', where he invented basement parking, ribbon window, RCC techniques which are still working today. Surely architecture will change but the basic essence of architecture the light, shadow, proportions, space, that will remain as it is. Concluding, basic human requirements and feelings will remain same, but the way it is done architecturally will keep changing.



Photography Credits - Swapnil Karad (Second Year)



Photography Credits - Vishwajeet Shinde (Second Year)



Photography Credits - Amogh Yeole (Third Year)



Photography Credits - Swapnil Karad (Second Year)

STUDENTS' ARTICLES

INTERNSHIP AT AR. HAFEEZ CONTRACTOR

Architect Hafeez Contractor [AHC] is a leading architectural design consultancy firm, of India. I, being an aspiring architect wished to work with this firm as an intern. I strived hard to get into this firm. It began with me sending mails to the firm twice or thrice every week. Later on, one of my friends working in the firm gave me contact details of a senior architect. Our appointment was fixed and interview was scheduled. The interview went well and I was asked to join the firm immediately. The key to crack this interview were the presentation skills I showcased in my portfolio.

There was a more commercial ambience at the office as compared to other design studios but working here was surely fun. The office hours were from 10am to 6.30pm but quite often it would easily extend till 10pm to satisfy our design attempts. I worked on large scale projects such as Runwal Gardens, multi storey villas and CIDCO. Unlike few other design studios, I was not only asked to do all the working drawings but was also a part of the designing process. My very own design of a club house was also appreciated and was taken up for execution. In all, I learnt a lot of skills at AHC during my internship. Some of these include presentation skills, model making and working in a team.

A grand and reputed name in the industry had become a part of my daily life. Being rebuked by Hafeez Sir himself would also be a matter of pride for me as I was getting moulded by the master architect. The 120 days of training at AHC is definitely an unforgettable experience for me and I would cherish that throughout my life.

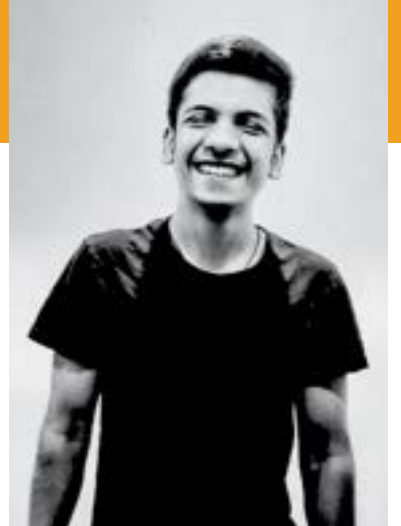
Gaurav Rath (Fifth Year)

I was privileged to get an opportunity to attend a workshop on 'Space Architecture' by 'AAKA Space Studio' under the 'NASA Winter School Program'. Out of 1100+ applications and 400+ Portfolios, I was selected with 52 others. Vadim Arhip and Ar. Aastha Kacha taught and guided us throughout the workshop. We were introduced to, 'What is Space Architecture?', History of Space Architecture, Design of ISS, and MIR Space Stations.

After the lecture series, we got our project to design a space habitat on Moon, Mars, or an orbital mission. We in a group of three designed a Lunar Habitat named 'Chandra' on the South pole of the moon. It is a project for 4 astronauts and their mission is to start the building of the Lunar Outpost which will act as a temporary stay for astronauts. The 'Chandra' is a complete dismantlable structure that can be built in a day and dismantled vice versa. It is situated at Shackleton Crater which has been determined as a place with around constant illumination from the Sun which will help with power generation and also a possibility of finding frozen water in the shadowed regions of the crater.

Challenges like Radiation, Moon Dust, and Gravity, which are never considered while designing on Earth need to be catered while designing on Moon. The workshop was really helpful and gave a very good idea about Space Architecture.

Kedar Deshpande (Third Year)



Gaurav Rath with Senior Associate Ar. Mubashir Jabir



In a country where cricket is given maximum importance, it is very difficult for other sports to get even a little bit of recognition. So, when I found out about 3BL, the only professional league for basketball in India, I jumped at the opportunity and immediately signed up to try out for it.

Unlike the usual full court version of basketball, 3BL is played in the 3x3 format on a half court, with slightly different rules. The women's league has only 6 teams, and with 4 players per team, there were just 24 spots to be filled out of all the players in the country, which is why I was extremely thrilled and honoured to find out I actually got selected for it.

The event was held at the Wyndham Hotel in Chandigarh, where we stayed and played. A lot of the country's top professional players had come in to play the league, including the captain of the Indian senior men's team. Several foreign players from Spain, USA, Phillipines and Macedonia had also flown in to play, making the league a pool of some of the best basketball talent I've ever seen.

To play among such elite players, and actually perform well, was one of the greatest experiences of my life. I learned so much about the game both on and off the court, which I am now trying to implement. It was amazing to see all the hours of practice that I put in every single day pay off and it just added to my hunger and passion to get to the next level.

Durga Dharmadhikari (Fourth Year)



I was crowned as Miss Maharashtra by FOREVER START INDIA which is a national level beauty pageant. My achievements are Miss shining start title, Sindhutai Sapkal Gungaurav Puraskar, Utkrushta Karya Gaurav Samman, IFSE Gobal mathematics rank 18th Maharashtra, Miss Maharashtra and I am currently working as National level Jury with Forever start India. Recently Maharashtra governor Bhagat Singh Koshiyariji presented Atal award for 2022 achievers from the fields of sports, Art, Cinema, Medicine, and other areas at Rajbhavan, Mumbai. I was awarded with Atal National Youth Award in the field of fashion. It was a great honour for me and surely it will encourage me to work hard and do a remarkable job. Along with pursuing Architecture I want to associate with fashion and modelling industry and work for women empowerment.

Rajlaxmi Chavan (First Year)



1. What tips/tricks would you suggest to students to improve sheet quality of hand-drafted sheets?
It is important to learn to control the amount of pressure one applies on the pencil while drawing. Practicing daily by drawing continuous lines on a rough paper, using varying pressure, with the same grade pencil, followed by a 'one sketch a day rule' can be helpful.
2. What tips/tricks would you suggest to the students regarding the speed of work during submissions?
To begin with, one must find a comfortable position and comfortable furniture to draft sheets. It is important to work on your submissions daily. You can start by making a schedule. Secondly, make sure to finish the started work on the same day. It might be difficult in the beginning to follow the schedule, but once it becomes a habit, the submissions will not pile up.
3. What rendering tools would you suggest to the students to use on their hand-drafted sheets?
Watercolors and coloured pencils are your best bet. Washing the sheets with watercolours and then touching them up with colour pencils enhances the look of the drawing.
4. What tips/tricks would you suggest to improve sheet presentation and composition?
Focus on clean drawings that display dimensions, functions, and levels properly. Support the drawings with colour-coded legends. Do not forget to indicate north direction and graphical scale. A plan must always be supported with a section for a clear idea of the architectural design. Sheets should be interactive. Drawings can be supported with sketches, views, and conceptual narratives in the form of graphics or blow-ups that highlight details in the plan. Subtle color schemes are appreciated.

6. What software would you suggest to improve sheet quality?
It is better to use Photoshop/Illustrator for the graphics and compose it on InDesign.
7. How to develop an internship portfolio?
You can start your portfolio by selecting four or five of your best architectural design projects but not more than 5, and include some technical drawings- not the entire project, just specific drawings from subjects like advanced building technology or working drawings. Make sure to include non-academic work or extracurricular work like competitions or sketches. The portfolio looks developed and curated and more unique if it is connected with a theme or narrative or graphics that define your learnings throughout your academic years. Enjoying compiling of the work is essential.
8. Essentials in an internship portfolio.
A cover page followed by a resume is a must. A page describing all of the content in the portfolio makes it look more organized. Architectural design projects should be included and technical drawings, (JUST drawings, not the entire projects) can be selectively compiled and detailed. This can be followed by extracurricular work like competition sketching or other works related to architecture.

Meera Pansare (Fourth Year)



MESMERIZING EXPERIENCE OF PUBLISHING AN ARTICLE FOR THE IIA MAGAZINE

The Indian Institute of Architects (IIA) is a National body of Architects in the country. This year IIA Pune centre of Maharashtra Chapter had organized a 2-day conference 'MAHACON' at Pune. During this event, IIA published a magazine with TRANSITIONS as its theme. MMCOA students got an opportunity to write an article which was published in the Souvenir Kit of 24th Convention of IIA Pune Chapter-MAHACON 2022. The theme opens doors for students to think differently and put forth their perceptions about the theme i.e., Transitions in architecture. For writing Article 6 students were selected from 1st year to 4th year. In groups of 2 students, students from each year wrote their perceptions about the theme. Every group came up with unique topics. The topics that were finalized were 'Transitions of Pune and PuneKars over the decades', 'Transition in architecture 'Regionalism to Modernization', 'Digital transformation in architecture', and 'Transitions in learning -before and During pandemic'. All the topics were brought under one roof which was 'Transitions in architecture from past to present'. Every topic which was brought up was related to personal experience, research, concerns, and observations. One of the key aspects of writing this article involved group discussion and opening doors for new ideas and looking at the topic from a different view. Publishing our very first article for such a well known magazine was very anxious as well as an overwhelming and exciting experience at the same time. This mesmerizing experience taught us many important skills from research to critical thinking.

Ayush Hazare (Third Year)



ACADEMIC PORTFOLIOS



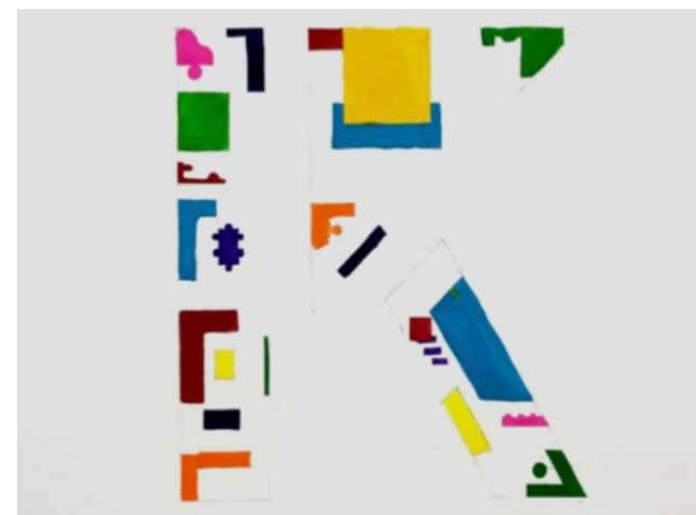
Photography Credits - Yash Diwane (T.Y.B.Arch)



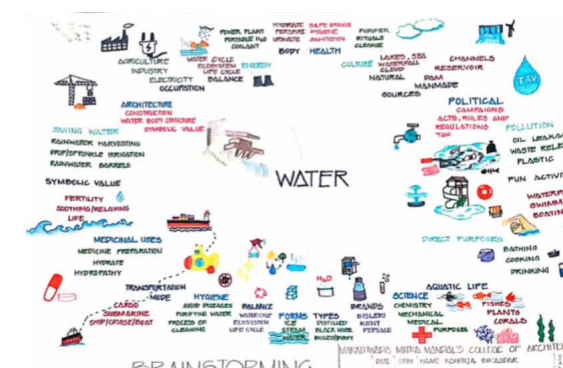
Photography Credits - Vishwajeet Shinde (S.Y.B.Arch)



Shreya Tamhankar (First Year)



Kshitija Birajdar (First Year)



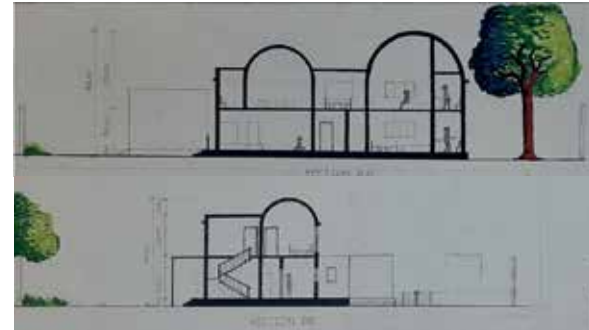
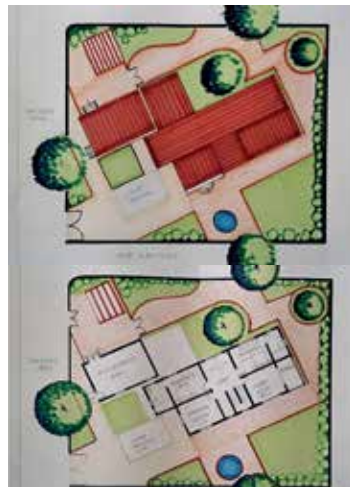
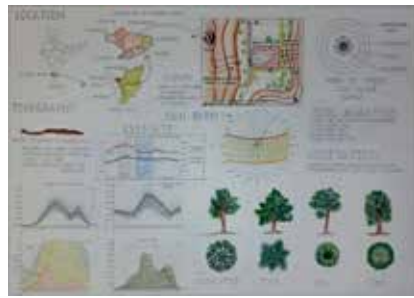


DESIGN CONCEPT: BRIDGING THE GENERATION GAP

Architecture is more than just constructing houses, it is about creating experiences. Experiences experienced by people of all ages. Our design should take in account the user experience of everyone, from a toddler to his grandparents, and try to bring these people together, and bridge the existing generation gap by promoting these experiences through design.



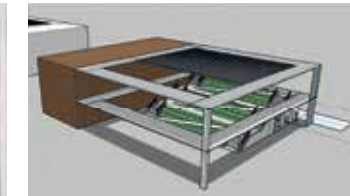
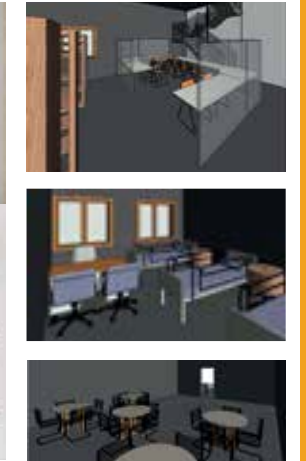
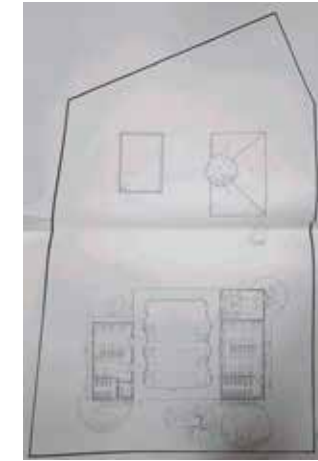
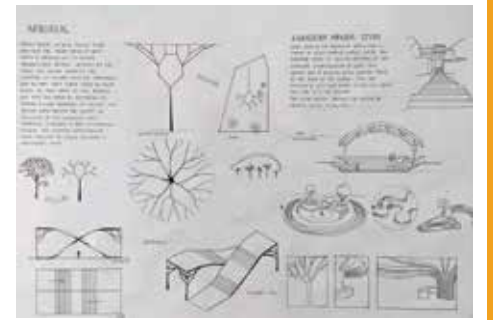
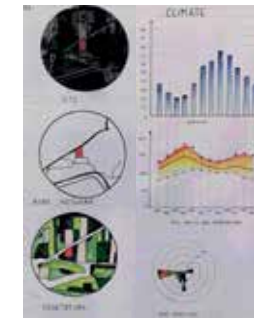
Hemin Gohel (Second Year)



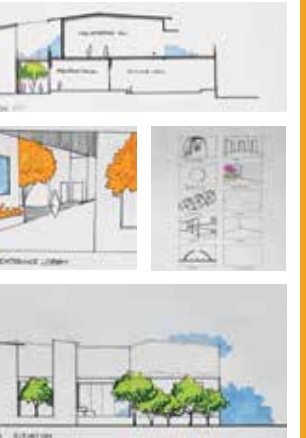
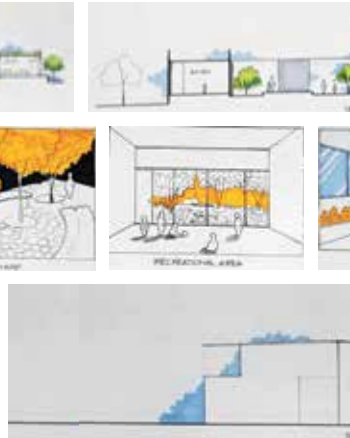
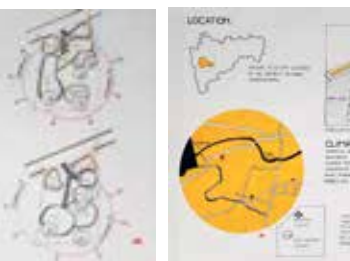
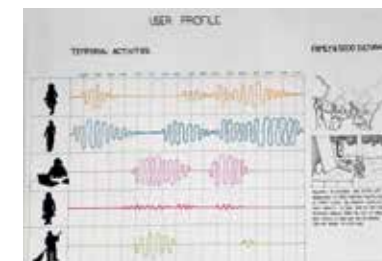
Samiksha Shinde (Second Year)

KUTTANI INAIYU

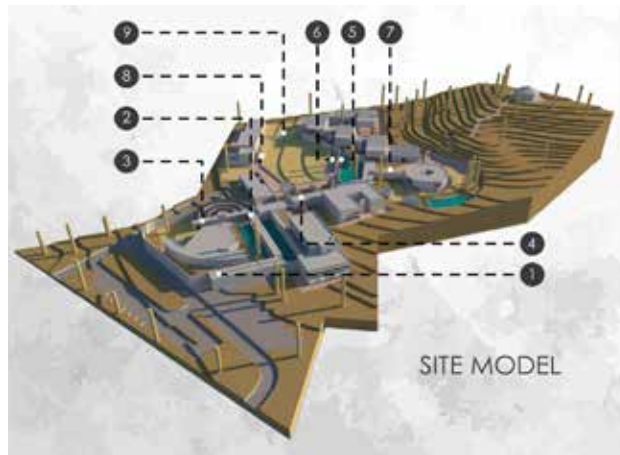
It is a tamil word that means fusional alliance. The design is fusion between modern contemporary and vernacular architecture. It provides a better living space considering climatic aspects, as well as nurturing tribal context with the ease of city lifestyle. Design is inspired from Toda tribe's settlements.



Benson Mathews (Second Year)



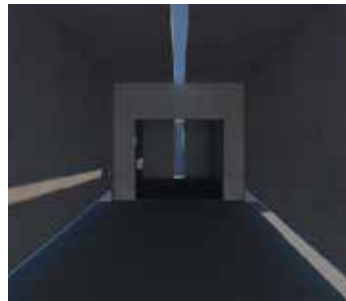
Jude Botelho (Second Year)



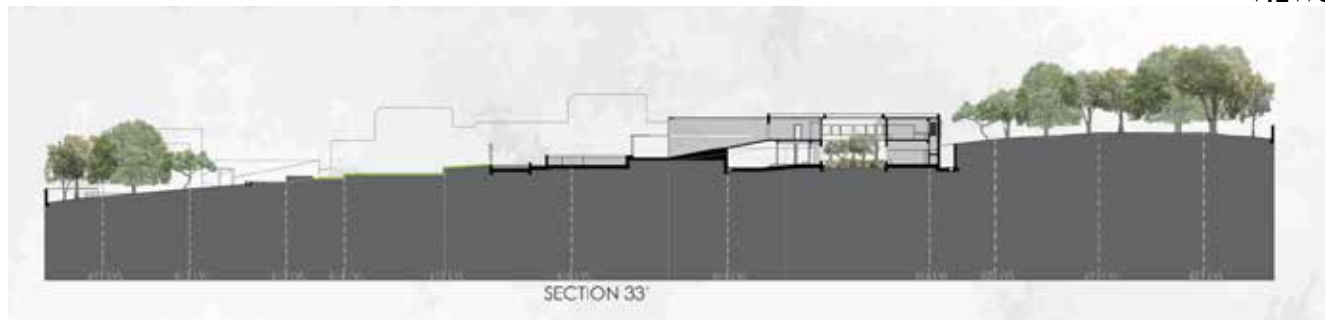
SITE MODEL



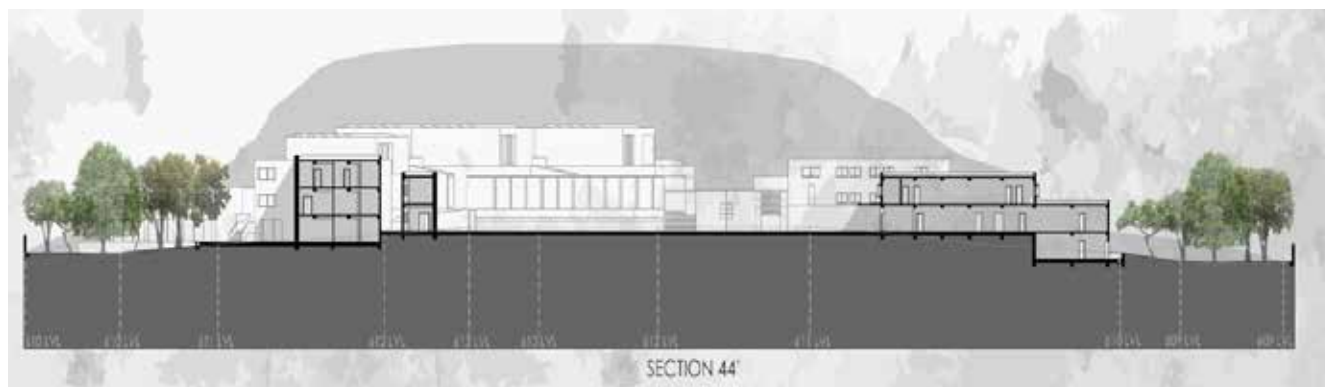
SITE PLAN



VIEWS



SECTION 33



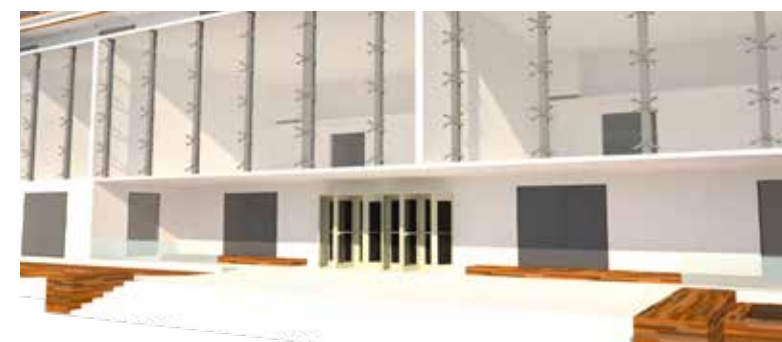
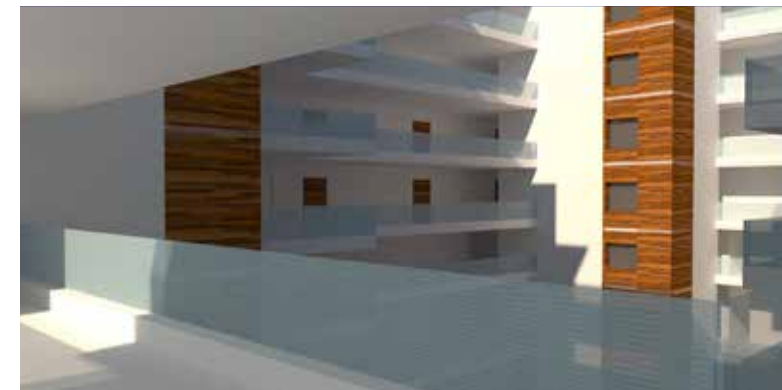
SECTION 44

Daksha Narkar (Third Year)



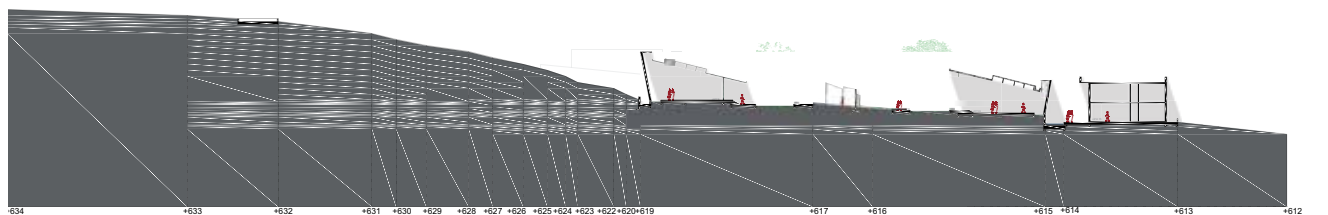
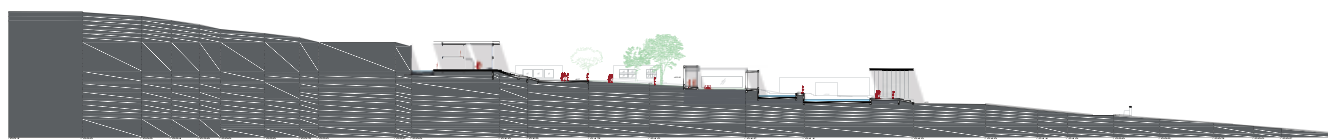
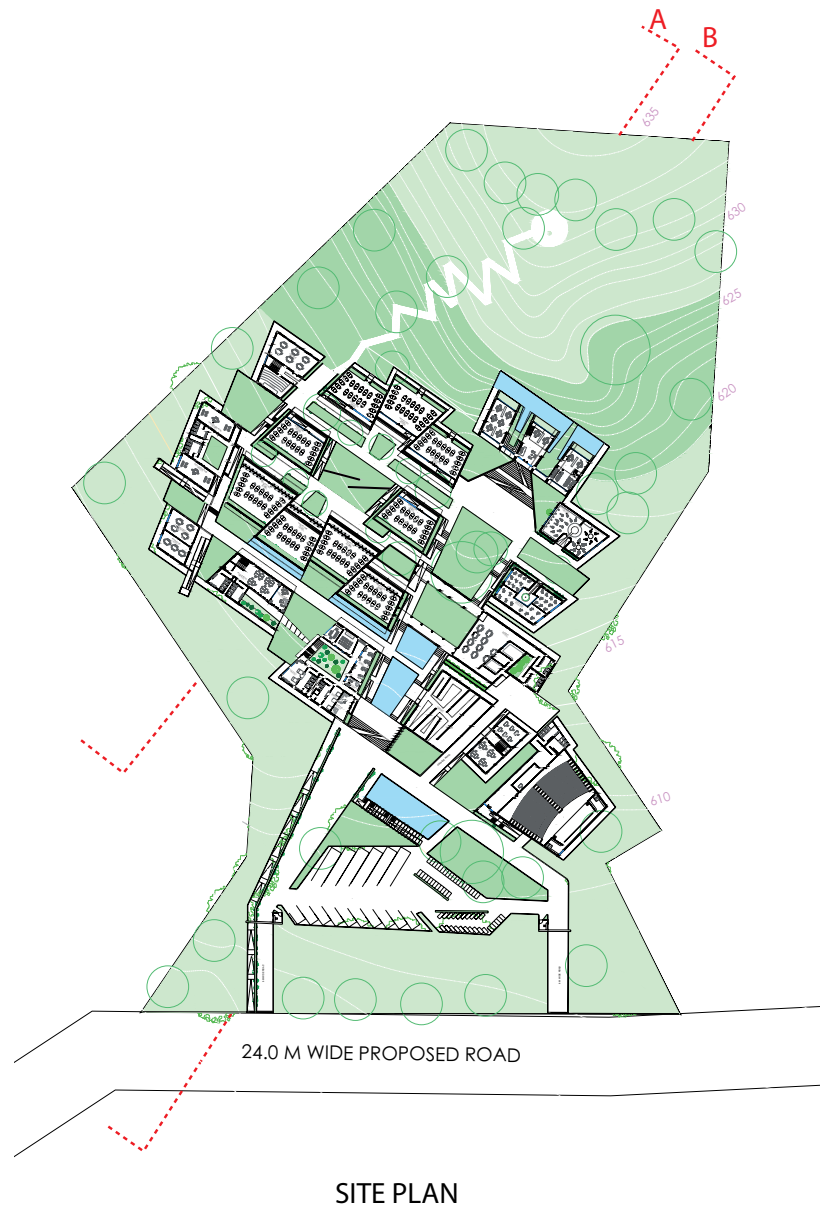
Concept -

Concept of design being a centrally placed atrium with spaces revolving around it in a functional manner to optimise 360° views for the hotel building. Atrium allowing fresh air maximum amount of daylight to enter rooms and commercial spaces.



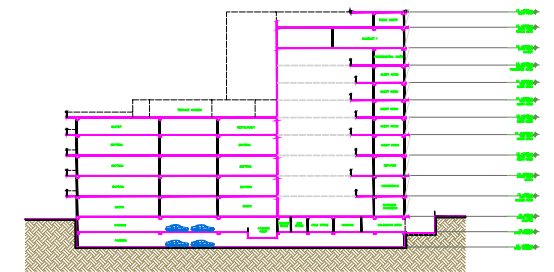
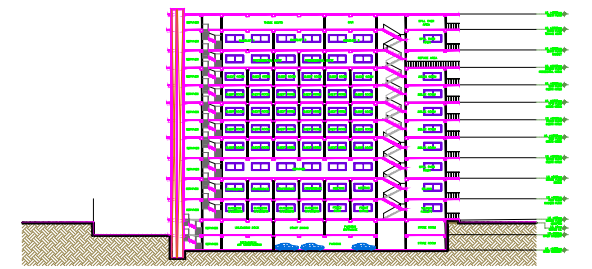
VIEWS

Sejal Sancheti (Third Year)

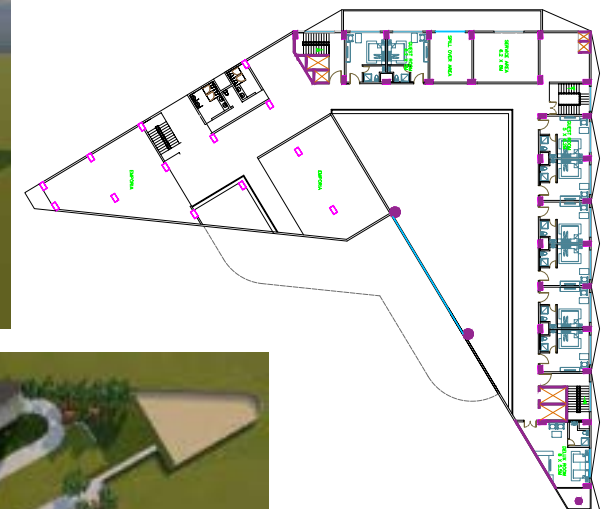


SITE SECTION

Masood Attar (Third Year)



SECTIONS

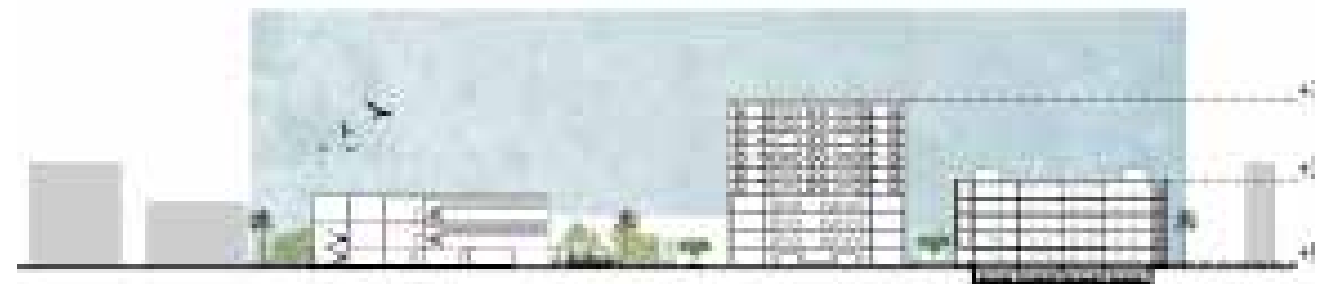


Tanmay Konde (Third Year)

VIEWS



Pratik Kadam (Fourth Year)

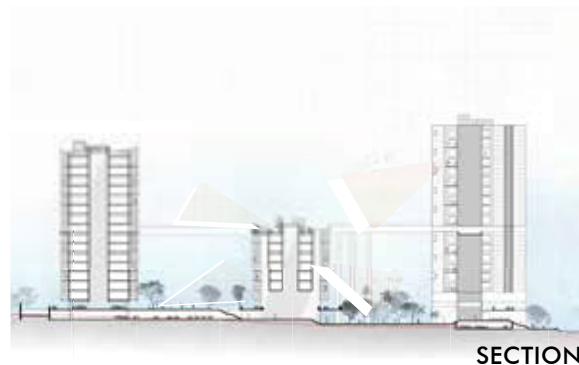


Rohan Kulkarni, Meera Pansare, Vaishnavi Mandhare, Kalyani Nangude (Fourth Year)

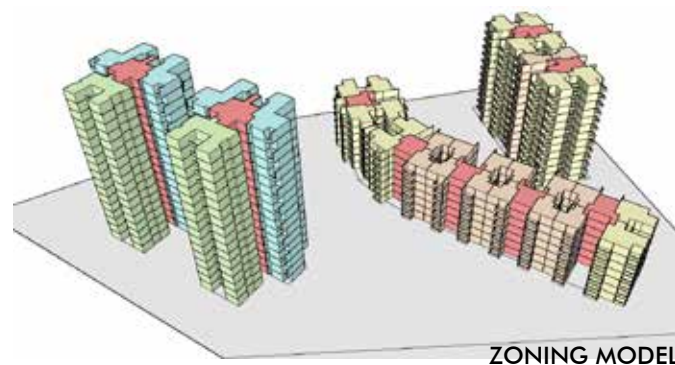
MASS HOUSING BANER, PUNE.



FLOOR PLANS



SECTION



ZONING MODEL

CONCEPT

The site consists of a big tree in the center of the site which lead the design process, eventually planning everything around it. The central green belt is developed into a garden and a jogging track around it.

The contour level has been used to accommodate for the parking. The amenity space was divided into two parts, where one consists of kids play area, provided at the podium level and the other of a central big garden space, provided at natural ground level.



VIEW



SECTIONAL ELEVATION -BB

WHY RAINBOW ?

The reason behind choosing a rainbow is because it is a mystery in and of itself. It does not appear suddenly; rather, it appears only when it rains.

Similarly, street children are quite mysterious, and society somehow doesn't understand or accept them, so some thing must be done to solve their problem.

As a result, there should be a platform where they can come out of their past and look forward to a better future in order to make them understandable and provide them with a voice.



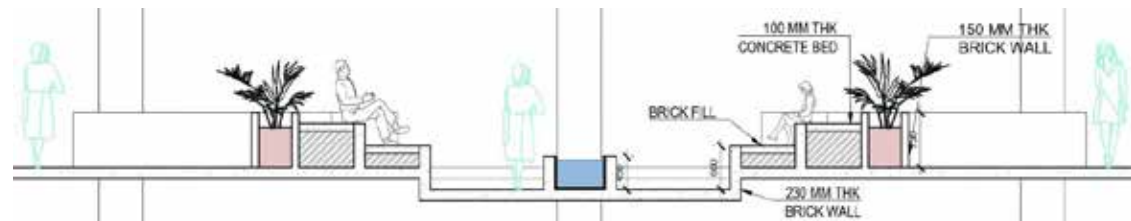
SECTION-AA



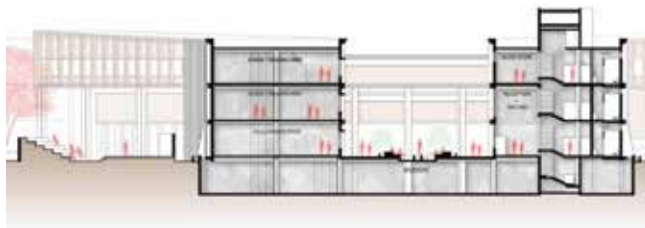
SECTION-BB



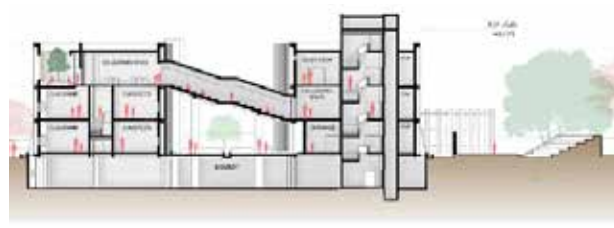
ELEVATION



ELEVATION



SECTION



SECTION



PLAN



PLAN



Photography Credits - Aditya Chikaskar (S.Y.B.Arch)



Photography Credits - Ayush Hazare (T.Y.B.Arch)

EXTRA CURRICULAR

Le Corbusier Trophy

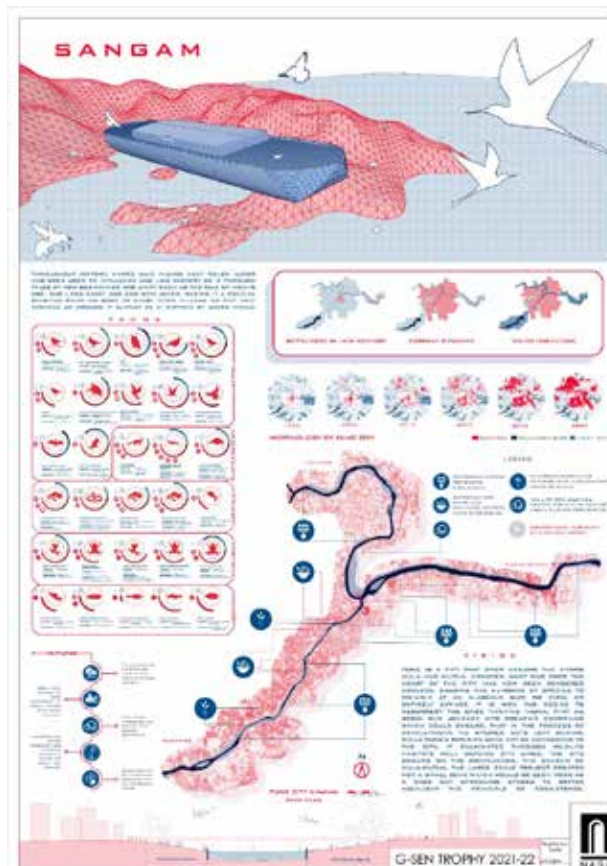
The Le Corbusier trophy is the highest award a college or an institution can win at NASA, India. The trophy is awarded to the college with the best overall performance across all the trophies conducted by NASA, India in the particular year. The college receives a rolling trophy and with three consecutive wins, the trophy is given to the college. Every Year the colleges are ranked for the Le Corbusier Trophy on the basis of their performance in that year. For the 63rd year, our college Marathwada Mitra Mandal's College of Architecture ranked 10th in the Le Corbusier Trophy.



G-SEN 64th Year

This trophy involves documentation, analysis, and redesigns with an integrated approach to the design process. It aims to understand and appreciate the existing built form of a building and redesign on that basis satisfying the given theme.

In the 64th Year, MMCOA's G-SEN Team got shortlisted in the top 5. The brief for this year was Re-wild [Habitat for urban wildlife].



ANDC

The Annual NASA Design Competition(ANDC) is NASA India's own design competition, which touches upon issues ranging from current trends to theoretical approaches of architectural design. Annual NASA Design Competition is the qualifying trophy for the Annual NASA Convention of the respective year.

In the 64th Year, MMCOA's ANDC Group 3 team got shortlisted in the top 104, hence qualifying for the 64th Annual NASA Convention.



64th Annual NASA Convention

The Annual NASA Convention also known as the ANC is an all-India event, that aims in bringing together associated colleges from all over India together. The Convention includes various workshops, seminars, events, competitions, and much more. The 64th Annual NASA Convention was hosted by Christ University in Kengeri, Bangalore. It was 4-day event. 50 students from the First, Second and Third year of our college represented our college at the convention. The convention included various workshops such as , Bamboo construction, BIM in architecture, Metal Casting and Sculpture, Automotive, Smart Building,Wattle and Daub,etc. The host college had also invited Musician Benny Dayal for a live concert. Other events included the dance trophy, the battle of bands. Fashion trophy, DJ Night. Top Architects such as Ar. B.V.Doshi, Ar. Bijoy Ramchandran, Ar. Namit Varma and many more, took up seminars, and master classes at the Convention.





The traditional day that was conducted under the 'Shiftecture' event in which every class was given a state of India and the class dressing up according to the traditional attire of that particular state and walking the ramp. The following evening the culturals event commenced wherein students from all classes showcased their talents and the faculty from MMCOA also participated and lit the stage on fire with their energy and enthusiasm.



The sports week or the “Jallosh 2.2” was conducted between 5th March, 2022 and 13th March 2022. Lot of indoor and outdoor sports activities that were conducted for the students by the student council, namely football, handball, cricket, volleyball, throwball, badminton and indoor sports such as chess and carom were conducted. There was a special category of e-sports under which students from all classes played BGMI through online media. Students thoroughly enjoyed the event and enthusiastically participated in every event.



Photography Credits - Amogh Yeole (F.Y.B.Arch)



Photography Credits - Amogh Yeole (F.Y.B.Arch)



Photography Credits - Amogh Yeole (F.Y.B.Arch)

STUDENT CORNER

किनारा

अज्ञात अवकाळ गाठुनी येतसे एक यात्री
भांबावतो किनारा त्याला बघून रात्री

आतुर इतुकी बंधने मनात कुठली
जिला भेटाया कळ मनात उठली

किनार्यावरच्या सांग तरुवरा
कुरून आला वाळूवरती चांदणचुरा

नभात काही हवाहवासा चंद्रही नव्हता
कट्टा चांदण्यांचा लपला ढगात होता

गूढतेच्या किनार्यावरती एक दीप तेवत होता
जसा मंद अंधारातुन किनारा चमकत होता

तेवणार्या ज्योती वरी का काजळी दिसली तुला
त्या दीपकाचा हेतूच इतुका द्रुष्ट ना लागो तुला

युगानपूर्वी काय घडले विसरुनी तू चाल आता
ओळखीच्या वाटेवरी क्षणा पुरते तू थांब आता

लपल्या चांदण्या हळुवार काही उतरून येतिल
तो तू न्याहाळ शेला वाटेवरी त्या जो ठेवतिल

थोडे पुढे मग चाळ अन आठवातिल झाड लागे
काही मुळांना बोललेले तू अताशा स्वप्न जागे

स्वप्नात ह्या दूरवर एकटा किनारा हाच आहे
त्यात सावली कुण्या आकारी मोठी होत आहे

भांबावतो तू असा त्याला बघून रात्री
अज्ञात अवकाळ गाठुनी येतसे तो ही यात्री
-पृथा क्षीरसागर

Nothing's Changed

Talk to me ,they say They dont get it ,that
Its hard to say the words Cuz if you do,
Then they become true Cuz if you do,
You gotta accept it. To the mirror i say
Its okay its not that bad But the tears falling tell
A whole diff tale
Even though you try You cant seem to love The
reflection.
Who is to say ?,
You are beautiful. You cover your sight
With colours depressed, Start to think how They
became ruthless. They say we love you Just as
you are
But that dosen't say You love yourself.

Stop those silent tears, Stop hiding behind
jackets Stop staying in the dark Remove those
shades
See the world as you used to Then you will un-
derstand Nothings changed
Not you Not them
You just gotta accept yourself And love yourself
again

- Chinmayee Soman

The one in NYC

The evidence I built,
the Guggenheim museum is filled with
talks again
It's presence is unfit for NYC grid
Though we can't get rid
The curve walls are still
It's a washing machine as we feel
It is part of architecture
Not a part of art
Wright will never accept this will
The art is unappreciable
The 21 artists are now on the table
Protests were there
But wright is not here
But legacy will be drive
With his guide to go wide
This time critics are right
There are no riots
The Guggenheim museum is a Bane
my research paper has claimed

- Ayush Hazare

Love and adore you

I heard the music when
True love was called .
A song sent from heaven .
On silver wings .
The whole world was dreaming
Wisps of light streaming .
As the stars spilled their magic
Upon you and me .
The time was more lovely
Than the nightingale's song .
More delicate than a rose weeping
Yet as powerful as the sun leaping .
To shed golden ribbons
In herald of dawn .
And I bow before you
The one my eyes have longed
To behold .
My lonely heart pining
Love light shining .
I swear that
I shall love and adore you .

- Pradnya Jadhav

Just for a night

The day falls with a heavy heart

When finally things don't pile up
anymore
Releases the burden of the sky

And it all pours out heavily

Lashing down the despair

Brisking the broke

Letting gust out of you

And just for the night

Allow the wind to convey your agony
And free yourself from the shackles....

- Kshitija Birajdar

यह कविता उस दिन का वर्णन करती है जब lockdown
खतम हो चुका था पर स्कूल और कॉलेजें पूरी तरह से खुले
नहीं थे।
सब में एक दुसरे को मिलने की बेताबी थी
और जीवन का नया अध्याय शुरू होने जा रहा था।

एक सुबह सुहानी
जब मिले दोस्त पुराने
शतरंज की बाज़ी लड़ाने
वही पुराने गाने गुनगुनाने

घंटों की बातें
एक दूजे को सुनाए अपने इरादे
ताश की भी महफ़िल जमी
की चीटिंग की भी फ़रियादें

हसते हसते, चुटकुले सुनाते
सब साथ मिल बैठे करने पेट पूजा
इत्मिनान था, सुकून था
न था और कोई काम दूजा

फिर सोचा यार आज कई दिनों बाद आज कॉलेज में हैं
कॉलेज के चीज़ों का कुछ तो लुत्फ़ उठाए

पेट भर गया अब बस सुस्ताना है
प्रोजेक्टर पर कोई शानदार सिनेमा चलाए

मैंडम को भी यह सुझाव कुछ ज्यादा ही पसंद आ गया
वो भी सिनेमा देखने हमारे साथ बैठ गए
साथ अपनी सहेली को भी था बुला लिया
कुछ ही पलों में वो भी हम में शामिल हो गए

फिर हुई भगदड़ शुरू
कोई स्पीकर लाने दौड़ा
किसी ने मूवी डाउनलोड की
तो किसीने प्रोजेक्टर जोड़ा

अब तक एकता की मिसाल बन चुके थे हम
कइयों को दिखा दिया था कि हम नहीं हैं किसी से कम
इस जोश के लिए तो तड़पे थे इतने दिन
अब ना रहना चाहते थे यारों के बिन

महीने जो बिना मिले बिता लिए थे
साथ बिताए सारे पल याद किए थे
एक दिन में वो सारे पल फिर जी लिए थे
ज़िन्दगी फिर शुरू से शुरू किए थे

- Payal Bhutada



Kalyani Jadhav (Second Year)



Kalyani Jadhav (Second Year)



Yash Chavan (Fourth Year)



Dhruv Chalode (Second Year)



Aditi Rodge (First Year)



Sahil Shirsat (First Year)



Saksham Hinganekar (Second Year)



Saksham Hinganekar (Second Year)



Digvijay Jadhav (Third Year)



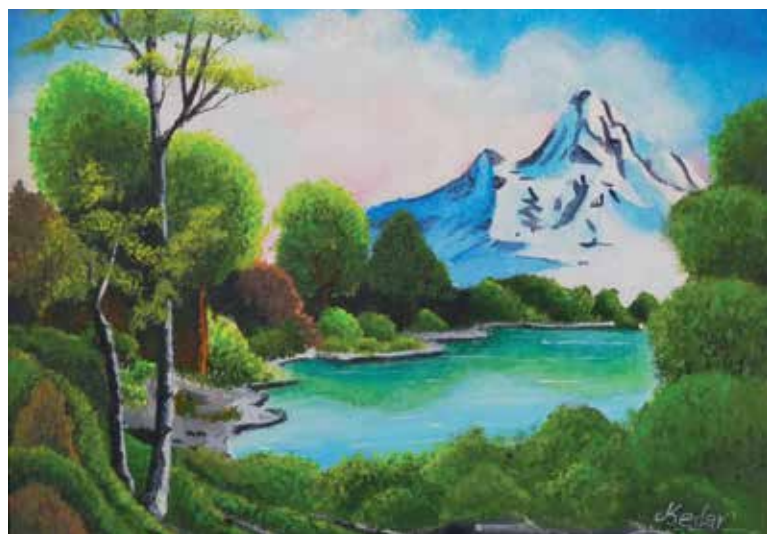
Vishwajeet Shinde (Second Year)



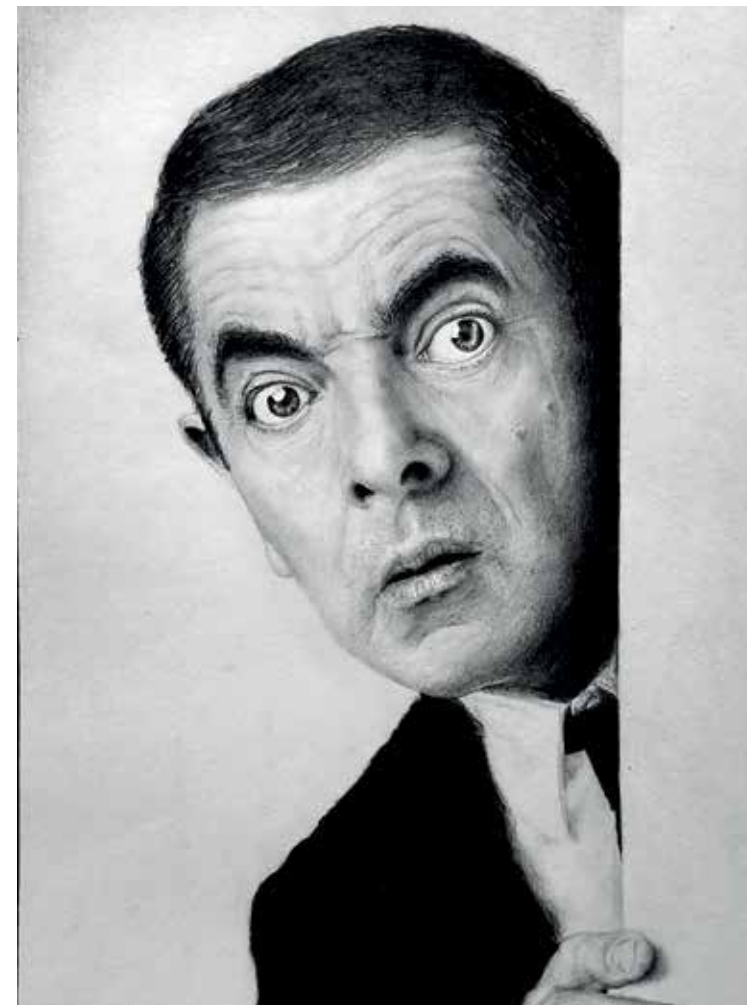
Vishwajeet Shinde (Second Year)



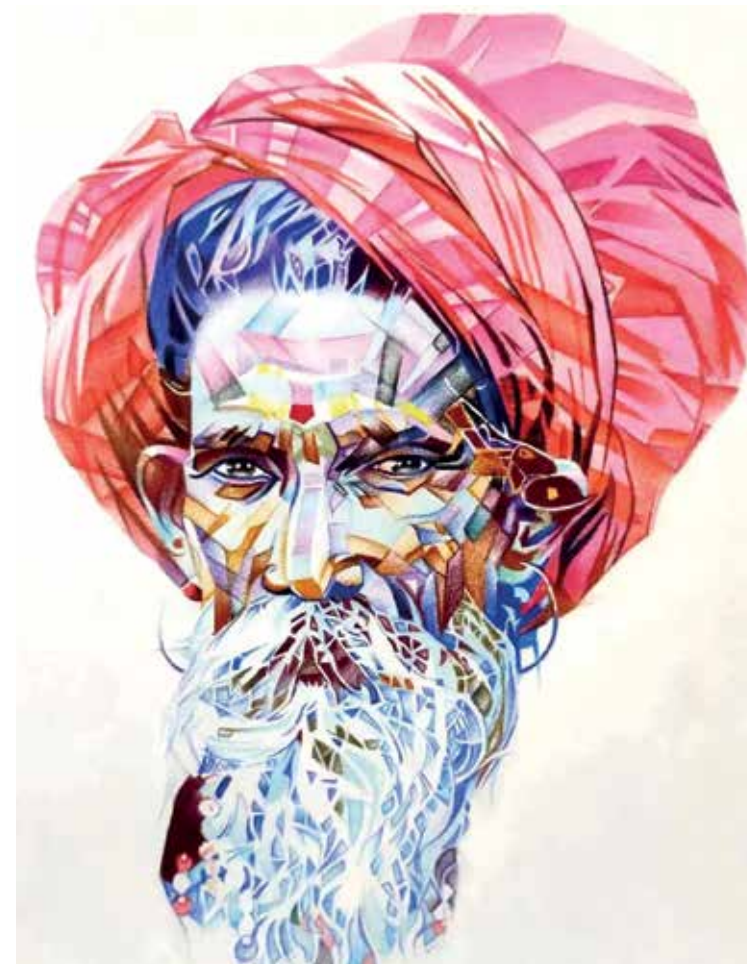
Kedar Deshpande (Third Year)



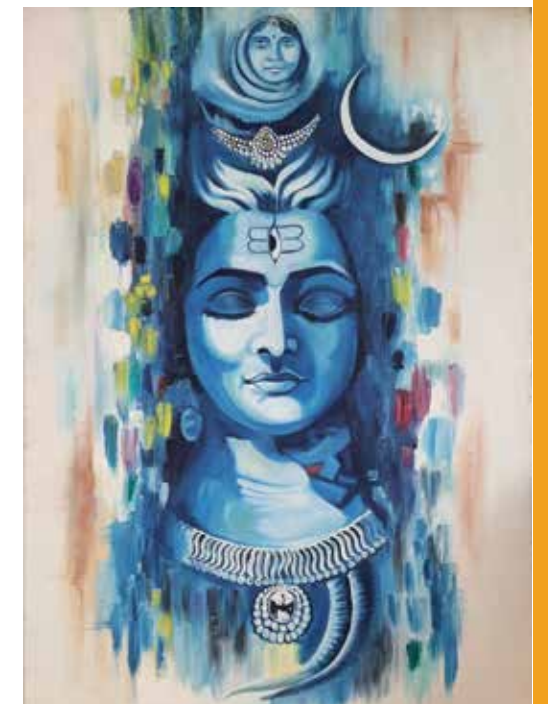
Kedar Deshpande (Third Year)



Prathamesh Bibikar (Fourth Year)



Tejal Kucheriya (First Year)



Sanika Kanhere (Second Year)



Om Shete (First Year)



Shreya Tamhankar (First Year)



Aniket Wadate (Second Year)



Aakanksha Pawar (Second Year)



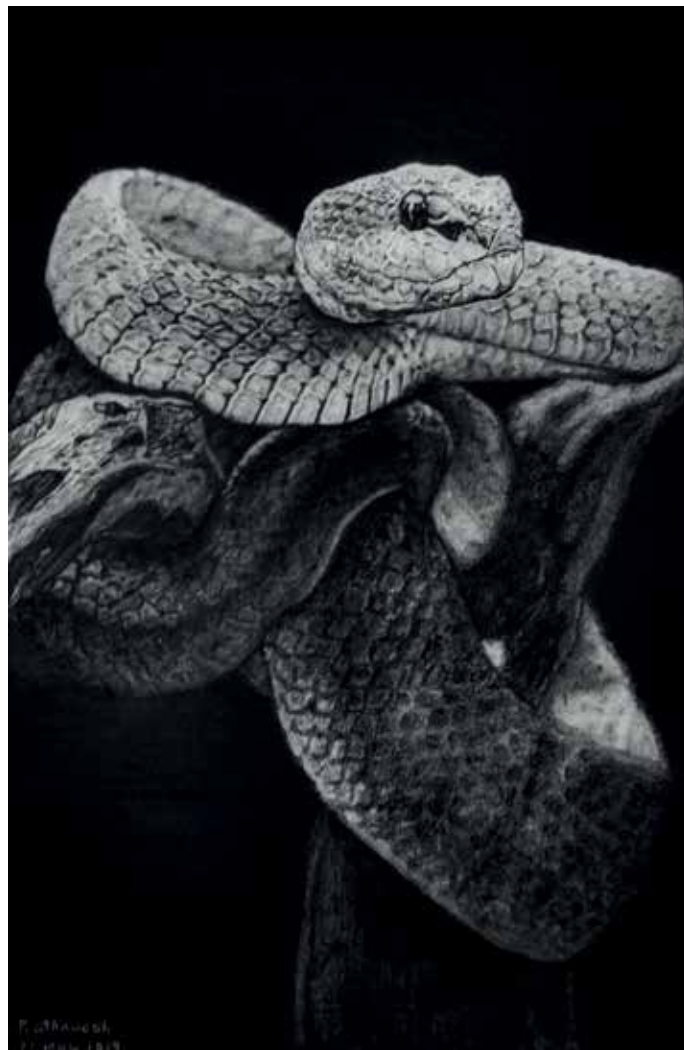
Daksha Narkar (Third Year)



Sanika Kanhere (Third Year)



Om Shete (First Year)



Prathamesh Bibikar (Fourth Year)



Kimaya Sarode (First Year)



Yash Chavan (Fourth Year)



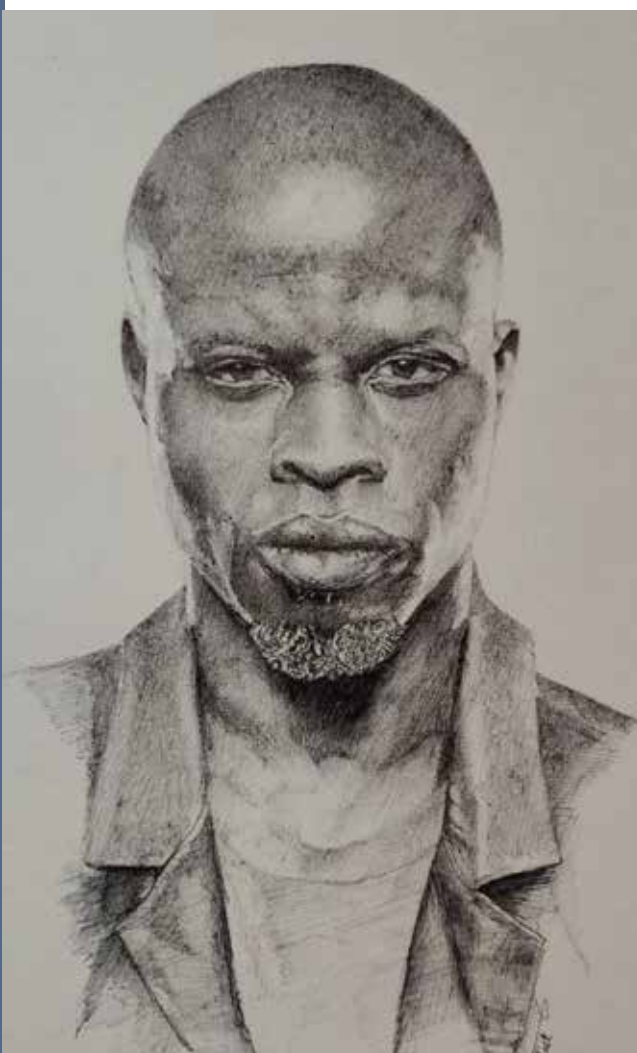
Yukta Bhutkar (First Year)



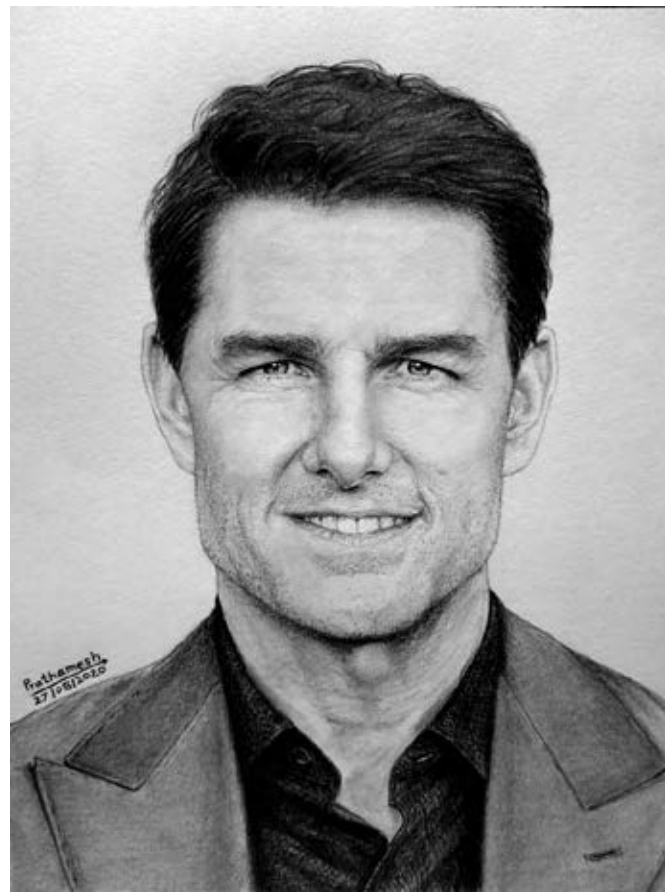
Srushti Shinde (Second Year)



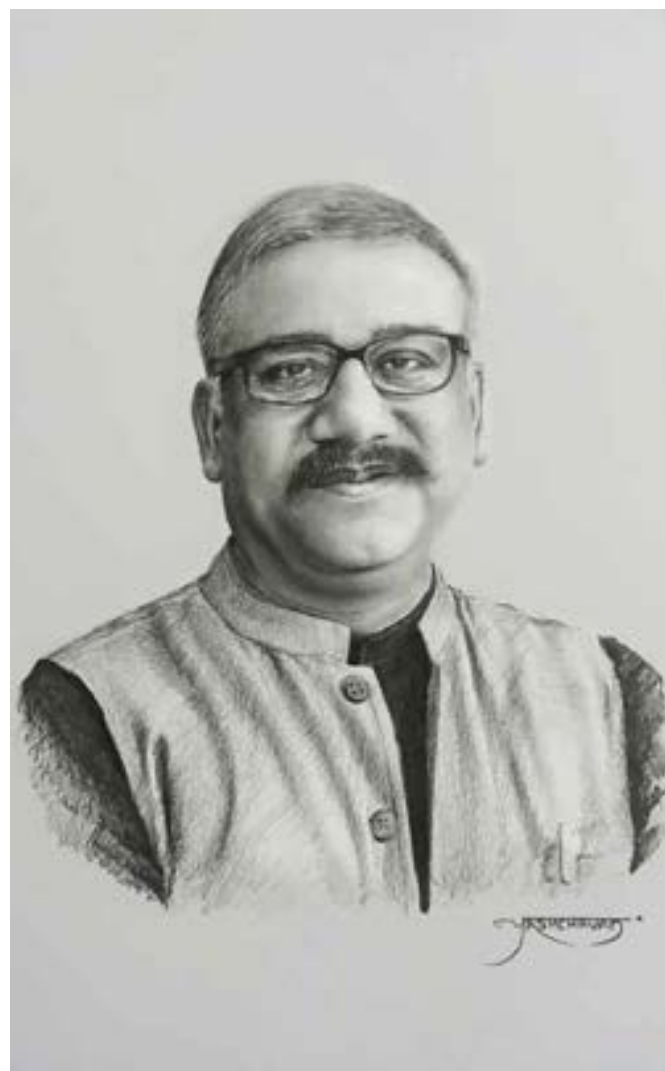
Vishwajeet Shinde (Second Year)



Vishwajeet Shinde (Second Year)



Prathamesh Bibikar (Fourth Year)



Yash Chavan (Fourth Year)

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Samiksha Shinde



Aditi Rodge



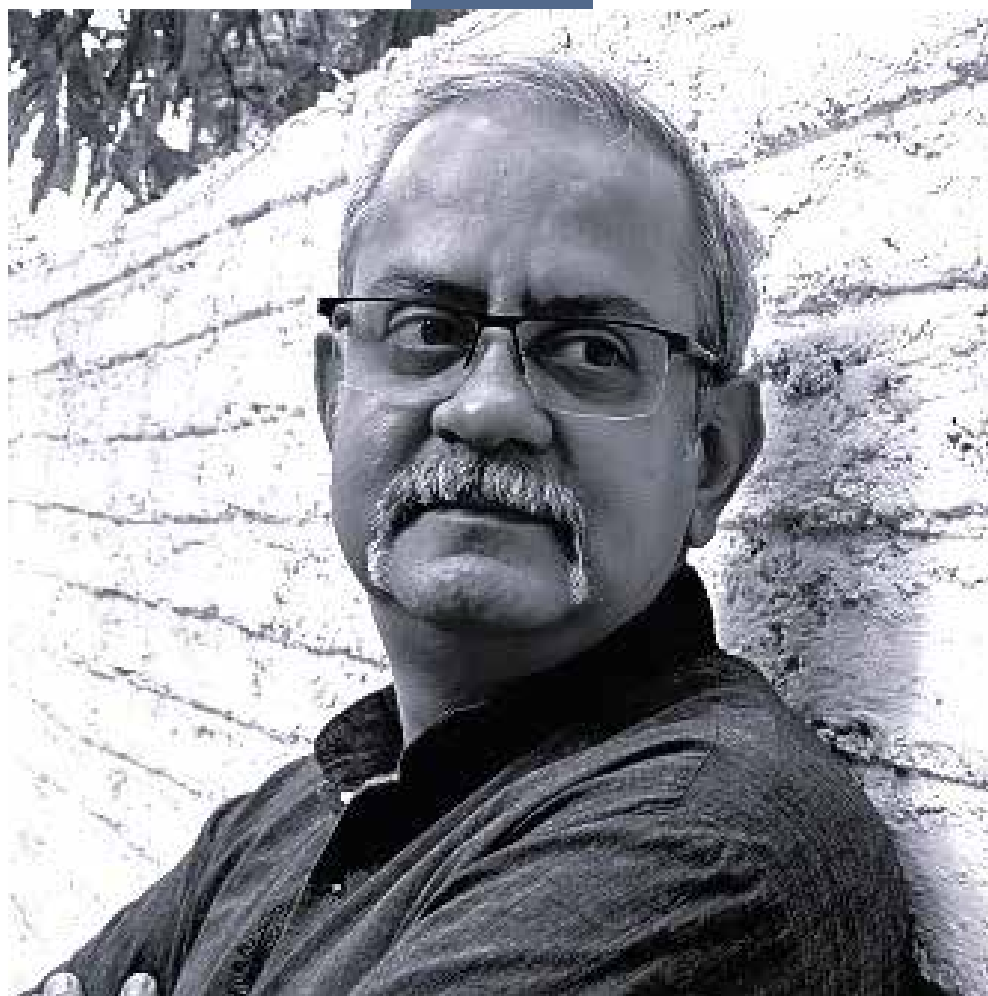
Mohit Sapre

Dear Readers,

This is the 4th edition of Krysalis. A journey which began with an attempt to create a platform for everyone to express has now become an announcement that everyone awaits for. A year long effort by the team has been presented to you through this magazine.

We thank our Principal, Dr. Ujjwala Palsuley for giving us this opportunity to publish this college magazine, Ar. Sanika Kulkarni, magazine coordinator for supporting us constantly, teaching and non-teaching staff, alumni and our fellow students for their valuable contributions.

We hope that you enjoyed reading this magazine as much as we enjoyed presenting it to you.



On 16th January 2022, we lost Ar. Sunil Kulkarni. He was a part of MMCOA, for a long time, first as a student and then as a beloved faculty member. He is remembered by the students as a dedicated teacher. He was a person, full of life! His absence will always be felt in our studios!

THE ACROBAT

"An acrobat is no puppet,
He devotes his life to activities,
in which, in perpetual danger of death,
he performs extraordinary movement of infinite difficulty,
with disciplined exactitude and precision...
free to break his neck and his bones and be crushed.
Nobody asked him to do this.
Nobody owes him any thanks.
He lives in an extraordinary world, of the acrobat.
Result: most certainly!
He does things which others cannot."

-As dictated by Le Corbusier to Balkrishna Doshi

Portfolio Head
Prof. Manjusha Wagh

Co-ordinating Faculty
Ar. Sanika Kulkarni

Magazine Head
Chetan Desale

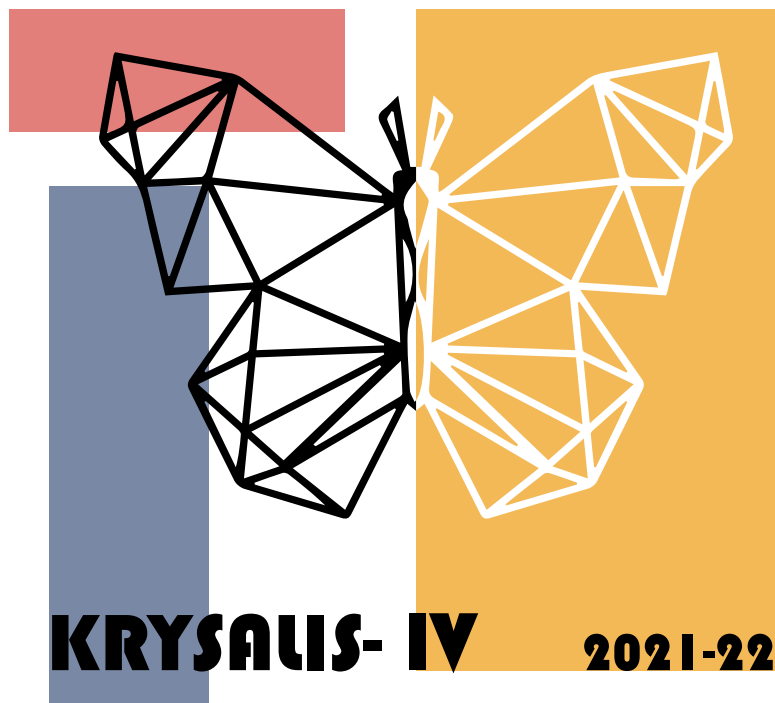
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