



SHREE AMEYA PUBLIC CHARITABLE TRUST'S



ADITYA

COLLEGE OF ARCHITECTURE

ISO 21001 : 2018

ADITYA COLLEGE OF ARCHITECTURE

Affiliated with Mumbai University

VISION

- **To be globally recognized as an epitome of learning and innovation.**
- **Imparting multifaceted Architectural education driven by social sensitivity and supported by state of the art infrastructure.**

MISSION

- **To impart quality education that encourages students to be competent enough for best-fit job roles.**
- **To provide faculty members with facilities to research, experiment and implement contemporary learning tools.**

QUALITY POLICY-

The Management and Staff of the Aditya Group of Institutions are committed to provide Quality Educational Services, we hereby declare our absolute commitment to deliver Social Responsibilities, Ethical practices, Integrity towards safeguarding Intellectual Properties of the Institutions and to provide admission without any discrimination of colour, caste or creed.

We are dedicated to empower learners by providing conducive environment for building strong foundation for academic success & professional success. We also pledge to inspire learners to inculcate the right attitude and values to raise as a thinker, to nurture creative abilities and to develop Scientific & Technical Knowledge.

The Educational Institute is committed to consider the needs and expectations of relevant stakeholders.

Institute, Management and Staff are responsible for setting up and maintaining Educational Quality Management System and meeting its requirements. The effectiveness of the EQMS shall be measured from time to time by the Management and System shall be enhanced on a continuous basis with the full participation of all Institute employees, in accordance with the established Quality Objectives.



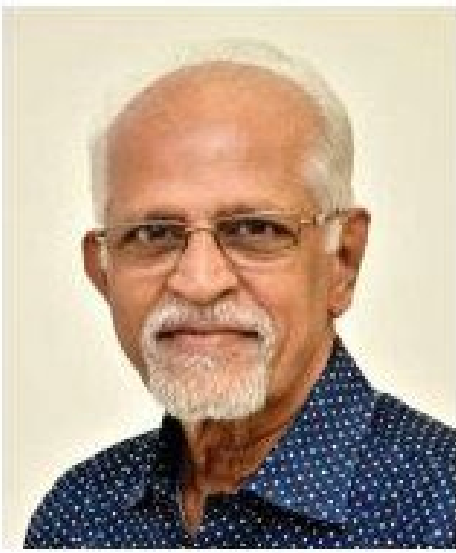
Shri Harishchandra Mishra
Founder Trustee



Shri Ashish Mishra
Trustee



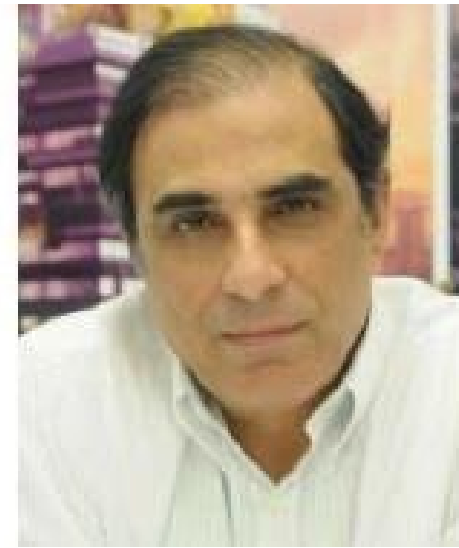
Shri Aditya Mishra
Trustee



Ar. Gurunath Dalvi
Mentor and Advisor Ex
President IIA



Ar. Sarita Deshpande
Principal I/C



Padmabhushan
Ar. Hafeez Contractor



Ar. Rita Naik
Prof. Design Chair



Ar. Sukumar Dharmadhikari
Prof. Design Chair



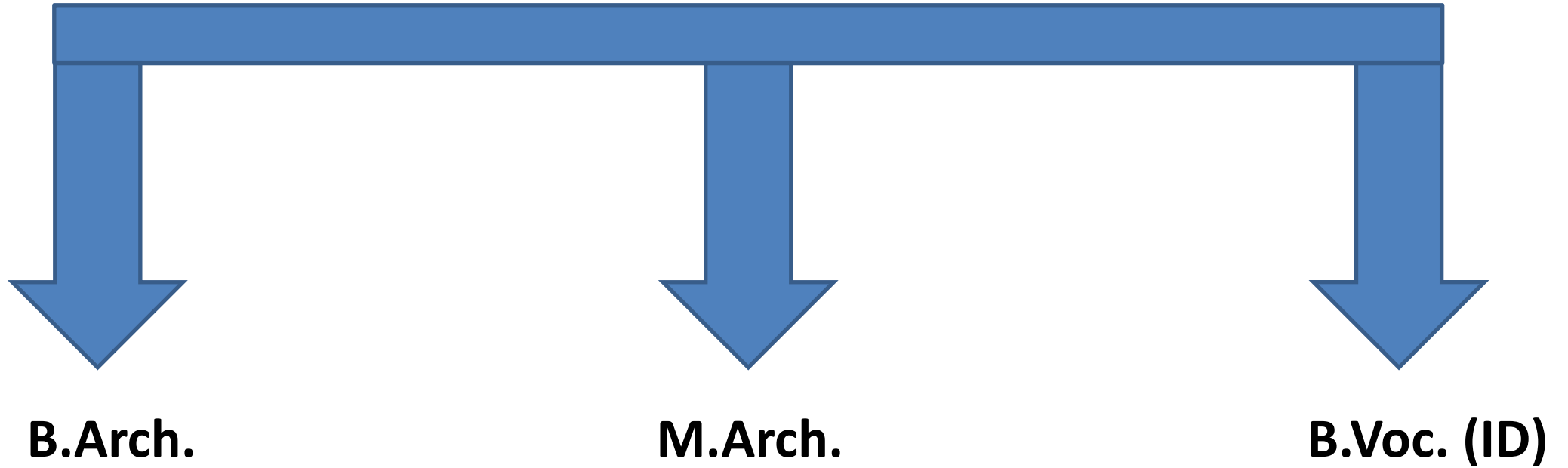
Ar. Amol Bapat
H.O.D(M.Arch.)



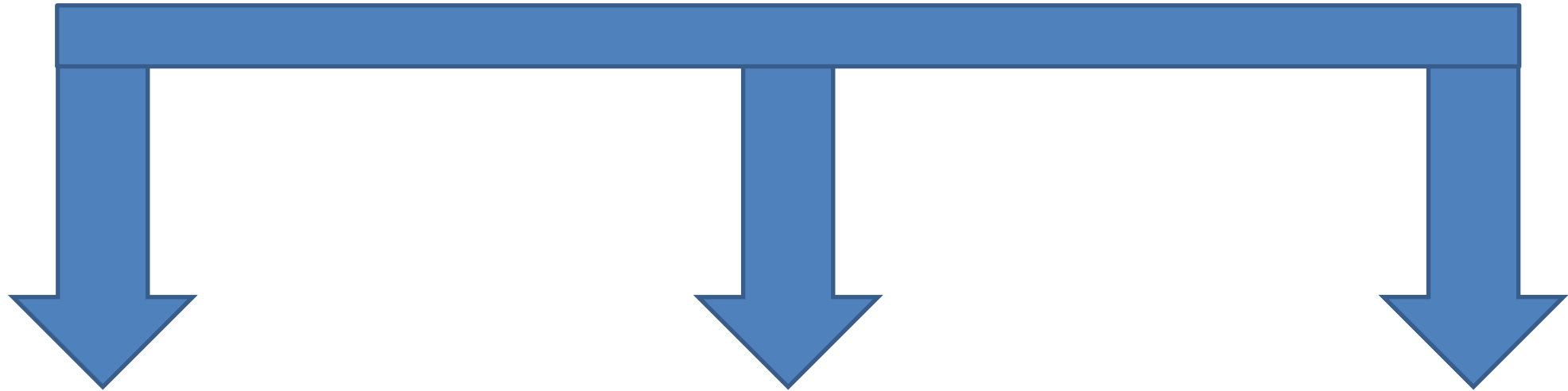
Ar. Rasika Chodankar
H.O.D(B.Voc.)

ACA ESTIMATED BUDGET FOR 2023-2024	
B.Arch. Total Revenue	
1ST YEAR - (80* X 139400)	11152000
2ND YEAR - (66 X 150500)	9933000
3RD YEAR - (40 X 151050)	6042000
4TH YEAR - (75 X 148500)	11137500
5TH YEAR - (30X 131300)	3939000
B.Voc. Total Revenue	
1ST YEAR - (120* X 110400)	13248000
2ND YEAR - (97 X 114500)	11106500
3RD YEAR - (25 X 115580)	2889500
M.Arch. Total Revenue	
1ST YEAR - (20* X 110000)	2200000
2ND YEAR - (8 X 110000)	880000
TOTAL REVENUE	72527500
Estimated Expense	82731741.86
Total Surplus/Deficit	-10204241.86
Surplus/Deficit Percentage	-14.07

ADITYA COLLEGE OF ARCHITECTURE - DEPARTMENTS



ADITYA COLLEGE OF ARCHITECTURE



M.Arch.

M.Arch.

The academic Year AY 2022-23 commenced with Semester 03 and Semester 04 for Batch 2021-23 and Semester 01 and Semester 02 for Batch 2022-24

AIM: The Objective of Introducing the M.Arch. course in Project Management affiliated to University of Mumbai is to help the Architecture students gain knowledge, necessary skills and expertise in Construction industry and be a successful leader of a Construction team.

The expected **Program Educational Outcomes** are:

- 1. To gain technical Expertise in Construction Project Management.
- 2. To Inculcate Professional behavior for managing stakeholders.
- 3. To Enhance Communication and leadership Skills to successfully lead Multidisciplinary large-scale projects.
- 4. To work successfully with community, public, private institutions and individuals.

METHODOLOGY : Classes began in offline mode and currently being conducted physically, and learning is through research presentations and seminars.

Subjects of the course impart the knowledge in relation with:

- Principles of Management with Advanced Research Techniques.
- Contract Regulation & Procedure.
- Project Monitoring & Scheduling.
- Human resources Management.

ACA – Academic Pedagogy Adopted to understand the Project Management concerns which will suffice the requirements related to successful planning and execution of project.

SEMESTER 01

THEORY SUBJECTS: Management Theories - Principles & Practices, Law - 1 : Legal Framework for Construction, Project Planning & Scheduling, Monitoring & Control

AIM: To understand the principles of Management, Rules and regulations pertaining to practice in construction industry and planning the project schedule and monitoring aspects related to the scheduling of the project.

METHODOLOGY: Lectures are conducted by adopting the pedagogy such as PPT lectures and group discussion and focusing upon two-way interactive sessions.

SEMESTER 02

THEORY SUBJECTS: Project Accounts and Economics, Law 2: Contract Management, Construction Equipment and Personnel Management.

AIM: To understand about the project feasibility and account statement related to project, To understand various parameters related to contract management such as Bid-cycle, Contract documentation, etc. to introduce students to the tools and equipments required for large scale construction.

METHODOLOGY: Lectures are conducted by adopting the pedagogy such as PPT lectures and group discussion and focusing upon two-way interactive sessions.

SEMESTER 03

THEORY SUBJECTS: Project Appraisal and Finance Management, Construction Marketing Management, Managerial Decision Making

AIM: To understand about the project cashflow statement and financial appraisal techniques related to project, To understand various methods of Marketing aspects related to construction field, to learn about various methods of decision-making process as Project Manager and various models related to decision making process.

METHODOLOGY: Lectures are conducted by adopting the pedagogy such as PPT lectures and group discussion and focusing upon two-way interactive sessions.

ACADEMICS – TEACHING SCHEME

Subjects with Subject Code			
S E M - 1	S E M - 2	S E M - 3	S E M - 4
Th - 01 - Management Theories - Principles & Practices	Th - 04 - Project Accounts and Economics	Th - 07 - Project Appraisal and Finance Management	
Th - 02 - Law - 1 : Legal Frame work for Construction	Th - 05 - Law 2: Contract Management	Th - 08 - Construction Marketing Management	
Th - 03 - Project Planning & Scheduling, Monitoring & Control	Th - 06 - Construction Equipment and Personnel Management	Th - 09 - Managerial Decision Making	
St-01 - Construction Materials And its Management	St-03 - Advanced Construction Methods and Techniques	St-05 - Construction Management Studio	St-07 - Dissertation Stage - II
St-02 - Computer Application in Construction Management	St-04 - Research Methods in Construction	St-06 - Dissertation Stage - I	
El-01 - Elective - 1	El-05 - Elective - 2	El-09 - Elective - 1	El-13 - Elective - 2
El-02 - Elective - 2	El-06 - Elective - 3	El-10 - Elective - 2	El-14 - Elective - 3

Marking Scheme prescribed by University of Mumbai for M.Arch. Course per week												
Subject Code	Semester -I			Semester -II			Semester -III			Semester -IV		
	ESE	SI	Total	ESE	SI	Total	ESE	SI	Total	ESE	SI	Total
Th-01/ 04 / 07	50	50	100	50	50	100	50	50	100			
Th-02 / 05 / 08	50	50	100	50	50	100	50	50	100			
Th-03 / 06 / 09	50	50	100	50	50	100	50	50	100			
St-01/ 03 /05 /07	50	50	100	50	50	100	50	50	100	500	500	1000
St-02 /04 / 06	50	50	100	50	50	100	50	50	100			
El-01 / 05 / 13	50	50	100	50	50	100	50	50	100	50	50	100
El-02 / 06 / 14	50	50	100	50	50	100	50	50	100	50	50	100
Total	350	350	700	350	350	700	350	350	700	600	600	1200

Teaching Hours prescribed by University of Mumbai for M.Arch. Course per week				
Subject Code	S E M - 1	S E M - 2	S E M - 3	S E M - 4
Th-01/ 04 / 07	4	4	4	
Th-02 / 05 / 08	4	4	4	
Th-03 / 06 / 09	4	4	4	
St-01/ 03 /05 /07	4	4	4	20
St-02 /04 / 06	4	4	4	
El-01 / 05 / 13	3	3	3	3
El-02 / 06 / 14	3	3	3	3
Total Lectures	26	26	26	26

M.Arch.-ACADEMICS

ACA : M.ARCH – ACADEMIC CALENDAR MILESTONES & TIME-TABLE FOR ODD & EVEN SEMESTERS – AY 2022-23

ACADEMIC CALENDAR M.ARCH (PROJECT MANAGEMENT)	
AY: 2022-23	
AY 2022-23 has been conducted in Offline mode, including curricular activities, workshops, seminars, viva juries, exams.	
MILESTONES	DATES
Commencement of Semester 04 Batch 01	02-Jan-23
End of Semester 04 Batch 01	27-Apr-23
Commencement of Semester 01 Batch 02	10-Nov-22
End of Semester 01 Batch 02	11-Mar-23
Commencement of Semester 02 Batch 02	20-Mar-23
End of Semester 02 Batch 02	15-Jul-23



ASHISH PATANKAR He has Over 30 years of extensive experience in the field. Mr. Patankar, is an active member of the Indian Society of Landscape Architects and has also been its Vice President from 2015-2017. He has also won the prestigious Award for the International Landscape competition conducted by CIDCO in Feb 2011.



AMOL BAPAT He has Over 20 years of extensive experience in India as an Architect in various capacities. **Specialties:** His major Focus is on technicality. Lately he is majorly involved in Project Management Consultancy involving re-development of old Housing Societies. In the Education field, he possess more than 11 years of full time teaching experience.



ASHISH AMLE proceeded to enhance his software skills. He is proficient in BIM, MS project, Prima Vera, Revit, STAAD pro and other architectural related software. He has been teaching as visiting faculty in several colleges.

		TIME TABLE: R0				w.e.f Date: 20th March 2023			
		15.00 to 16.00	16.00 to 17.00	17.00 to 18.00	18.00 to 19.00				
MONDAY	SEM: 02	60	60	60	60	Research Methods in Construction (St-04)			
	Ar. Sasmit Chitnis					Ar. Amol Bapat, Ar. Rita Nayak			
	SEM: 04					Dissertation Stage 02 (St-07)			
	Ar. Sasmit Chitnis					Ar. Ashish Patankar			
TUESDAY	SEM: 02	60	60	60	60	Law2: Contract Management (Th-05)			
	Ar. Sasmit Chitnis					Ar. Amol Bapat			
	SEM: 04					Dissertation Stage 02 (St-07)			
	Ar. Sasmit Chitnis					Ar. Ashish Patankar			
WEDNESDAY	SEM: 02	60	60	60	60	Construction Equipment and Personnel Management (Th-06)			
	Ar. Sasmit Chitnis					Ar. Sasmit Chitnis			
	SEM: 04					Dissertation Stage 02 (St-07)			
	Ar. Sasmit Chitnis					Ar. Ashish Patankar			
THURSDAY	SEM: 02	60	60	60	60	Elective 2 (EI-06)			FREE
	Ar. Sasmit Chitnis					Ar. Rasika Chodankar, Ar. Manjusha Nabar.			
	SEM: 04					Dissertation Stage 02 (St-07)			
	Ar. Sasmit Chitnis					Ar. Ashish Patankar			
FRIDAY	SEM: 02	60	60	60	60	Advanced Construction Methods and Techniques (St-03)			
	Ar. Sasmit Chitnis					Ar. Sasmit Chitnis, Er. Nauman Memon			
	SEM: 04					Dissertation Stage 02 (St-07)			
	Ar. Sasmit Chitnis					Ar. Ashish Patankar			
SATURDAY		11.30 to 12.30	12.30 to 13.30	13.30 to 14.30	14.30 to 15.30	15.30 to 16.00	16.00 to 17.00	17.00 to 18.00	18.00 to 19.00
	SEM: 02	60	60	60	60	30	60	60	60
	Ar. Sasmit Chitnis	Project Accounts and Economics (Th-04)				BREAK	Elective 01 (EI-05)		
		Ashish Amle					Ashish Amle		
SEM: 04	Elective 01 (EI-13)				Elective 02 (EI-14)				
Ar. Sasmit Chitnis	Ar. Manjusha Nabar				Ar. Shraddha Kelji				

M.Arch.- STUDIO

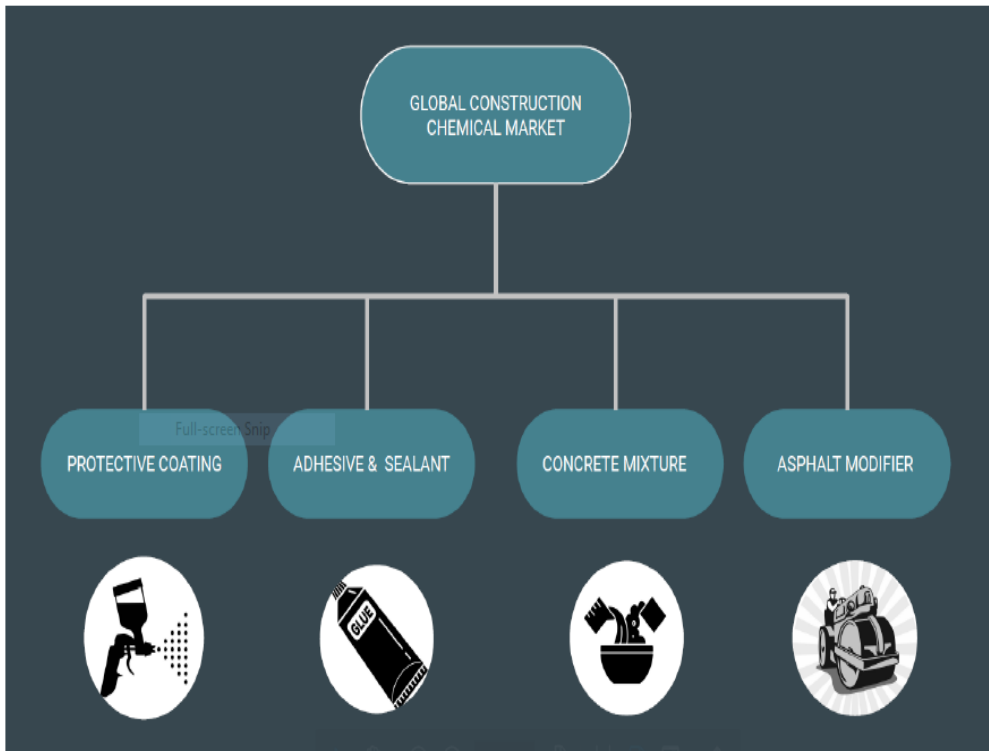
AIM: The Aim of the studio is to teach various subjects like Construction materials & its management along with Computer applications to the students.

METHODOLOGY:

Learning through presentations and Research on various topics to be covered in the syllabus.
 Computer applications provides practical hands on experience to each student in the various industry software

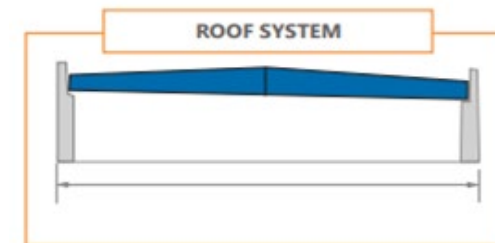
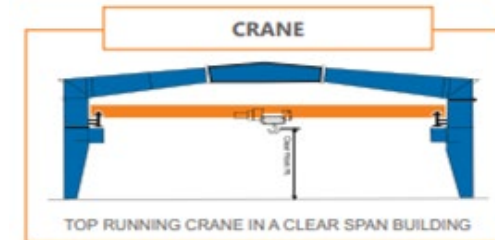
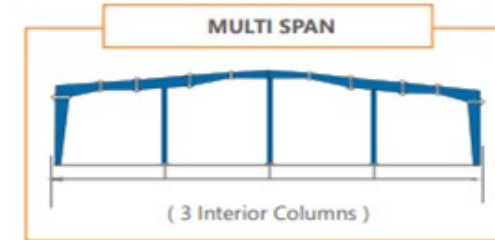
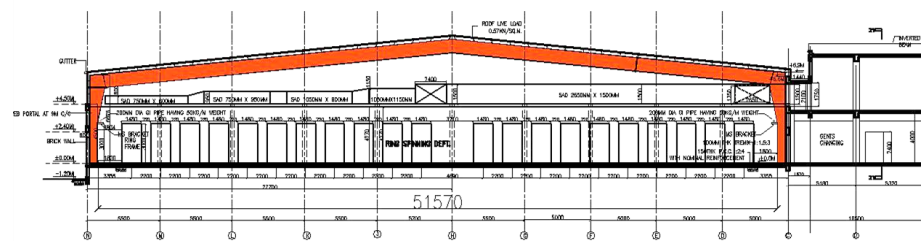
CONSTRUCTION MATERIAL AND MANAGEMENT

In this subject students are expected to research on modern materials and techniques with respect to the project management of the same. Students are encouraged to explore unconventional and sustainable, recycled materials



COMPUTER APPLICATIONS

Students are introduced to software which are prevalent in the field like MS projects and advanced excel This not only increases their knowledge base but also makes them well rounded professional equipped to handle large scale projects



M.Arch.- ELECTIVE

AIM: To Train The Students on live projects and by understanding the sequence of events and various aspects that govern the execution of the project.

METHODOLOGY : Project management of a said portion of the site is planned considering the various stakeholders and understanding the workflows. Studies also includes various strategies for reducing cost and coordination of the various agencies to execute the project with established timelines

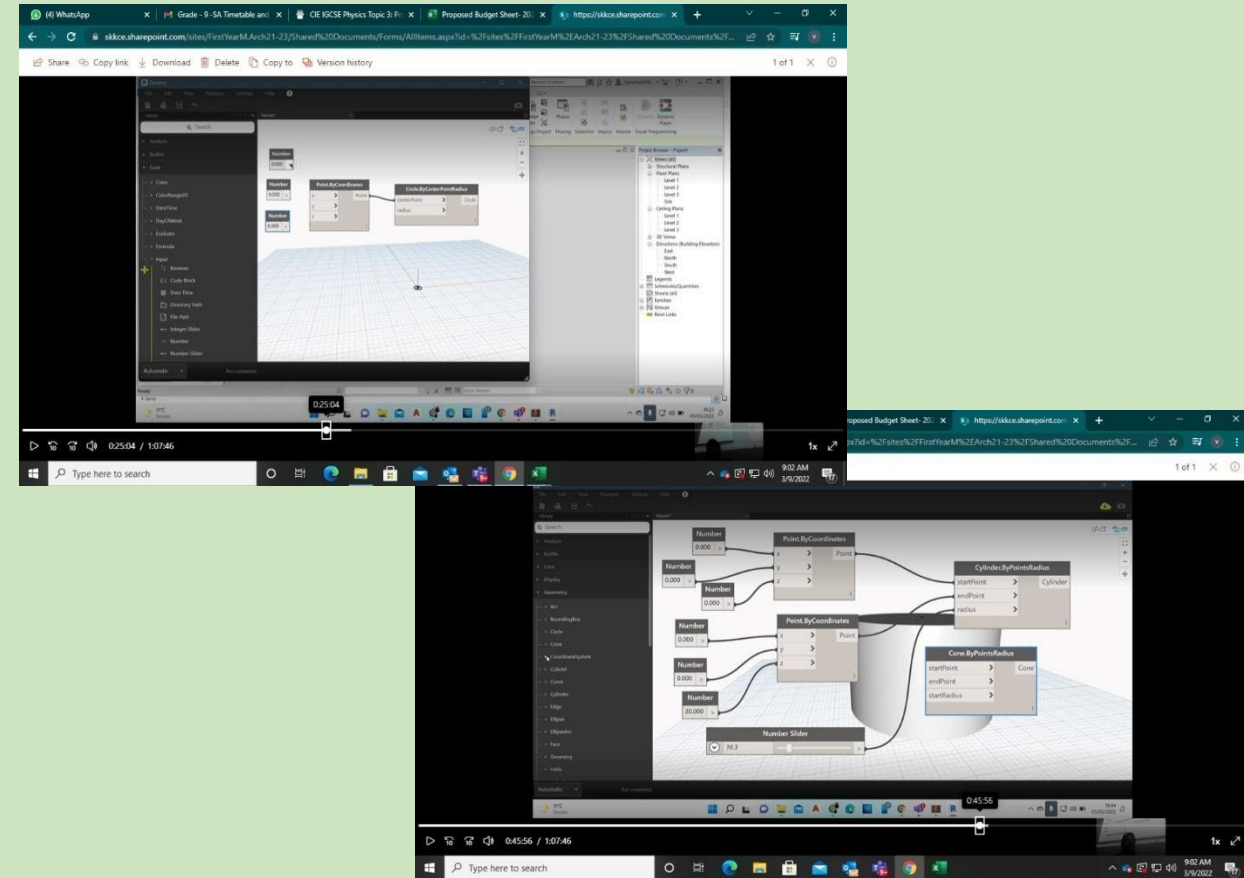
ELECTIVE 1

In this subject students study a live project and understand it in terms of scheduling costing and detailing,



ELECTIVE 2

Students are taught support software like Revit and dynamo that allow data to be converted to excel and increase the efficiency of timelines



PODIUM SOFTSCAPE – Softscape & seating area

Schedule of works:
 Podium RCC Slab construction completed. (Not in scope)

↓

Surface area cleaning (3-4 days)
 Procurement of water proofing material.

↓

Application of water proofing coat Dr. Fixit, Sunanda, Roff etc. (7-8 days)

↓

Procurement of brick bat and cement sand along with plumbing and concealed electrical material and soil with manure, fertilizers etc.

↓

Brick bat cobalaying and ponding test with necessary vata complete with laying of drainpipes for podium surface drainage (20-25 days)

↓

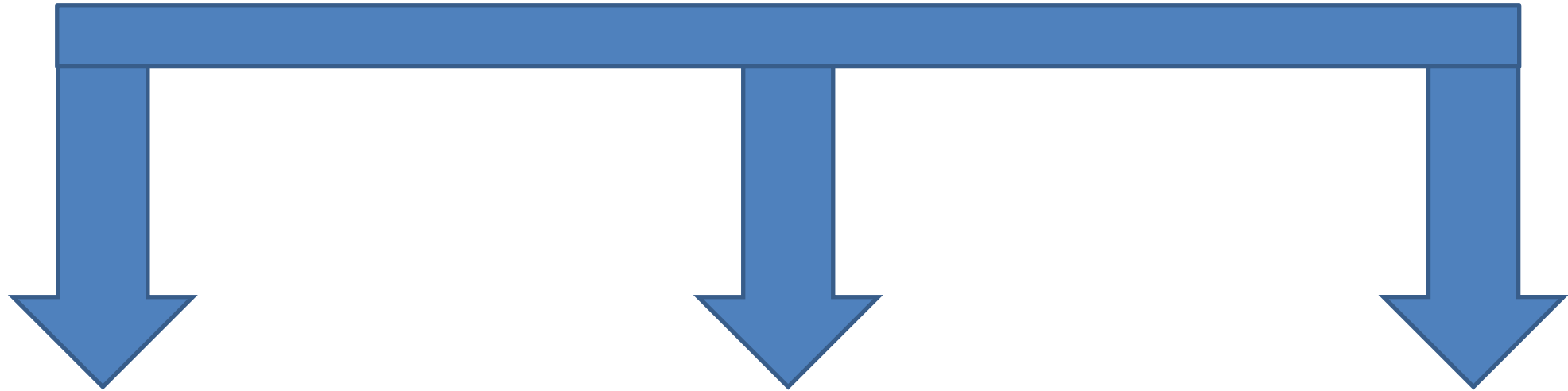
Procurement of required plants and ready-made outdoor furniture and landscape and setting of drip irrigation system

↓

Adding of soil, along with manure and fertilizers



ADITYA COLLEGE OF ARCHITECTURE



B.Voc.(ID)

B.Voc. (ID)-ACADEMICS

ACA : B.VOC- ACADEMIC CALENDAR MILESTONES & TIME-TABLE FOR ODD & EVEN SEMESTERS – AY 2022-2023

ACADEMIC CALENDAR AY: 2022 - 2023	
AY 2022-23 has been conducted Offline only, including curricular, workshops, seminars, viva juries, exams	
Semester Commencement 05 completed	25-06-2022
Semester Ends (18 Working weeks) completed	12-11-2022
Semester Exams (University Exams scheduled) completed	09-12-2022
Results (scheduled) completed	In Process
Semester Commencement 3 completed	25-07-2022
Semester Commencement 1 completed	01-08-2022
Semester Ends (18 Working weeks) completed	17-12-2022
Semester Exams (scheduled) completed	19-12-2022
Results (scheduled) completed	16-01-2023
Semester Commencement 2 & 4 On-Going	02-01-2023
Semester Ends (18 Working weeks)	13-05-2023
Semester Exams (scheduled)	22-05-2023
Results (scheduled)	19-06-2023
Semester Commencement 05	23-06-2023

TIME TABLE AY: 2022-23 SEMESTER: ODD									
DAY	Timing	12.00-13.00	13.00-14.00	14.00-14.45	14.45-15.45	15.45-16.45	16.45-17.00	17.00-18.00	18.00-19.00
		Duration (Minutes)	60	60	45	60	60	15	60
MONDAY	SEM - 1	I.S.-1 (103)		BREAK	I.D.-1 (101)		BREAK	I.D.-1 (101)	
	SEM-3	I.M.P -3 (307)			I.C.-3 (302)			I.C-3 (302)	
	SEM-5	Library			I.P.P.-2 (506)			I.P.P.-2 (506)	
TUESDAY	SEM - 1	Library		BREAK	I.S.-1 (103)		BREAK	I. M.P.-1 (107)	
	SEM-3	I.C.-3 (302)			I. M.P-3 (307)			I.S.-3 (303)	
	SEM-5	Library			D.D.-1 (501)			D.D.-1 (501)	
WEDNESDAY	SEM - 1	I.D.-1 (101)		BREAK	I.D.R.S-1 (105)		BREAK	I.D.R.S-1 (105)	
	SEM-3	-3 (303)/ID-4 (304)			I.D.-3 (301)			I.D.-3 (301)	
	SEM-5	W.D.-2 (502)/I.S.-2 (302)			W.D.-2 (502)/I.S.-2 (302)			I.W.D.-2 (502)	
THURSDAY	SEM - 1	Library		BREAK	I.Construction-1 (102)		BREAK	I.Construction-1 (102)	
	SEM-3	C.S.-3(304)/EVS-1(306)			I.D.-4 (308)			I.D. -4 (308)	
	SEM-5	Library			I.D.R.S-5 (505)			I.D.R.S-5 (505)	
FRIDAY	SEM - 1	C.S.-1		BREAK	B.D.-1 (106)		BREAK	B.D.-1 (106)	
	SEM-3	IDRS-3 (305)/I.D.-3 (301)			I.D.R.S-3 (305)			I.D.R.S-3 (305)	
	SEM-5	Library			Electives-2			Electives-2	
SATURDAY	SEM - 1	B.D.-1 (106)		BREAK	HOF-1(108)		BREAK	I.C.-1 (102)	
	SEM-3	I.D.-3 (301)			C.S. -3 (304)			E.V.S-1(306)	
	SEM-5	D.D.-1 (501))			R.M.(504) /D.D.-1 (501)			I.S.- 5 (503)	

TIME TABLE AY: 2022-23 SEMESTER: EVEN									
DAY	Timing	11.30-12.30	12.30-13.30	13.30-14.30	14.30-15.00	15.00-16.00	16.00-17.00	17.00-18.00	18.00-19.00
		Duration (Minutes)	60	60	60	30	60	60	60
MONDAY	SEM - 2	H.O.F. -2 (208)			BREAK	I.D. -2 (201)			
	SEM-4	C.S.-4 (404)				I.C.-4 (402)			
	SEM-6	INTERNSHIP				INTERNSHIP			
TUESDAY	SEM - 2	I.S.-2 (203)			BREAK	B.D.-2 (206)	MP.P.-2 (207)		
	SEM-4	I.D.-5 (401)				I.P.P. -1 (406)			
	SEM-6	INTERNSHIP				INTERNSHIP			
WEDNESDAY	SEM - 2	I.D.- 2(201)			BREAK	I.D.R.S-2 (205)			
	SEM-4	I.S.-4 (403)				I.W.D.-1 (408)			
	SEM-6	INTERNSHIP				INTERNSHIP			
THURSDAY	SEM - 2	WORKSHOP/ SEMINAR			BREAK	I.C.-2 (202)			
	SEM-4	WORKSHOP/ SEMINAR				I.D.R.S-4 (405)			
	SEM-6	INTERNSHIP				INTERNSHIP			
FRIDAY	SEM - 2	C.S.-2 (204)			BREAK	B.D.-2 (206)			
	SEM-4	Elective-1				I.D.-5 (401)			
	SEM-6	INTERNSHIP				INTERNSHIP			

B.Voc. (ID) -INTERIOR DESIGN STUDIO

AIM: To understand and enhance the **design acumen** in space planning , in relationship with anthropometrics , services, furniture, materials.

The scale and complexity of **Progressively Increases** With Each Semester, with emphasis on **Sustainability, Construction methods, Aesthetics and Services** integrating in a holistic design. In the First-year Residential spaces are handled with more emphasis on Abstraction, anthropometrics and styles of furniture, and as they progress to the senior year Specification of material, costing, services , Joinery detailing along with innovative aesthetics is considered,

FIRST YEAR



SECOND YEAR



THIRD YEAR



Residential interior space of approx. 60 Sq.Mts. for Sem-1
 Basic Planning with furniture layout along with a theme representation through hand drafting of plan, sections and material understanding.

Bungalow and Unisex SPA for Sem-3
 Students were given Topics such as **Bungalow of 450 sq. mt and Unisex SPA of 400 sq.mt**, Drawings were created using Auto CAD and photoshop for presentation

Design Dissertation & ID portfolio Sem-5 of approx. 500 Sq.Mt
 Topics ranged from Culinary studio, Reimagining Learning Experience, Coffee experience center

For Sem-2 residential project of 3BHK of approx. 130 sq.mt is given

For Sem-4 commercial office space of approx. of 300 sq.mt

B.Voc. (ID)- SUBJECTS

ELECTIVES

The topic for Elective courses is developed by individual colleges based on the current trends in the practice and availability of resource persons & the topic is selected by the students individually, in coordination with their mentors.

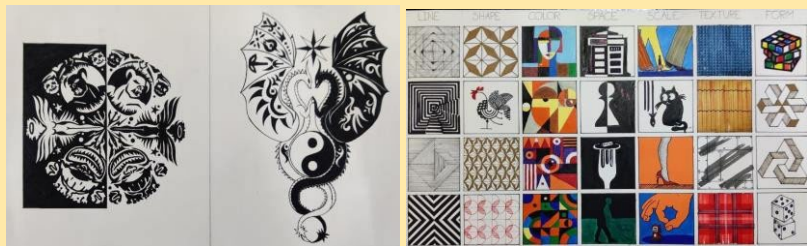
CONCEPTUAL SKETCH FOR ENTRANCE



Set Design for Fashion Photoshoot and Music award show
Students designed Sets for shows such Awards Shows like IIFA, Mirchi Music Award, Dance and Singing Realty shows and Art Shows like M.A.D

BASIC DESIGN

Basic design defines the base of design aspects, in terms of design elements and principles that are generically applicable to any design stream including interior design. The subject aims at developing observational and creative skills that would enhance the visual perception of students and evolve aesthetic sensitivity.



Basic Design Portfolio
Students studied different elements of design, principals of designs, color theory, Notan ART which they applied them in their design portfolio.

HISTORY of FURNITURE

Aim: To understand the evolution of Interiors and Furniture designs from ancient times to modern times. This was achieved through models made by students understanding the ornamentation and functions along with materials used for making the furniture's.



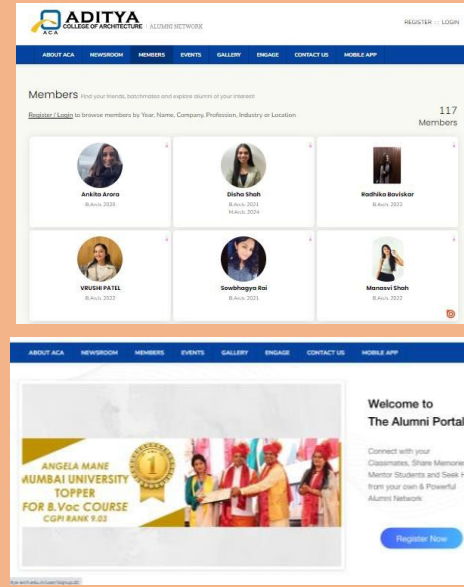
History of Furniture
Students studied different furniture designs and their evolution through different eras during 16th to 19th century in western and oriental regions.

Alumni Connect in B.Voc(ID)

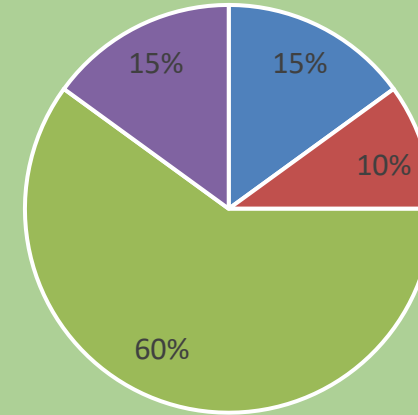
ACA – BVOC ALUMNI CONNECT

Aditya College has established a strong alumni network over the years, consisting of talented and accomplished professionals across various fields. To enhance the engagement and visibility of its alumni, Aditya College has launched an alumni portal on its website, which serves as a platform for alumni to connect with each other and stay updated on the latest news and events related to the college.

Overall, the alumni portal provided by Aditya College is a valuable resource for its alumni, which offers various provisions to enhance their visibility as professionals. Through this portal, alumni can stay connected with the college, explore new career opportunities, expand their professional network, and enhance their skills and knowledge.



Placements in BVOC-ID BATCH 02



Student Placement Cell's aim is to assist the students in getting Internship with various Interior Design firms, after completion of Semester -5.

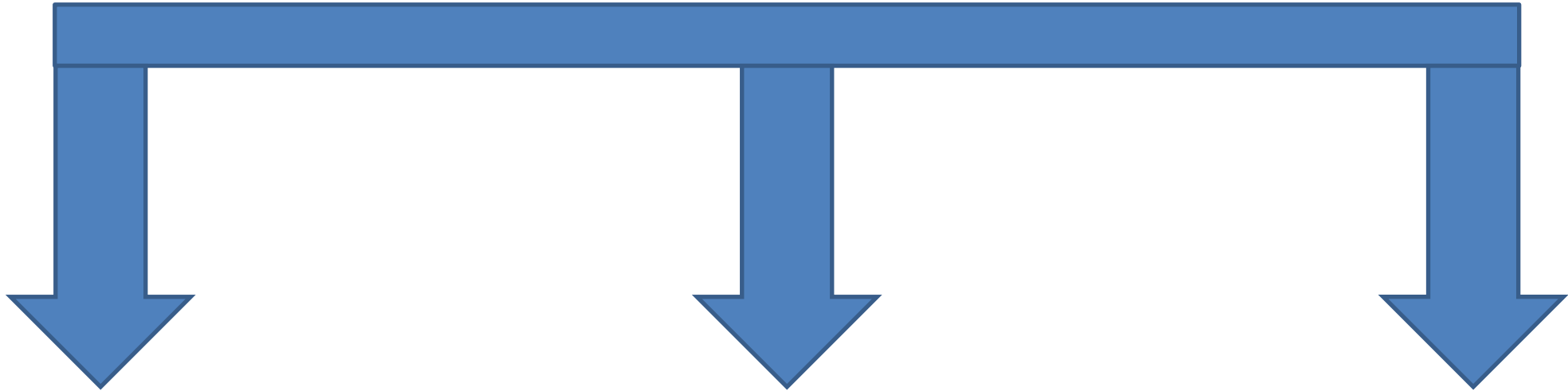
- Family Business
- Master's Programme Abroad
- Medium Size Design Firms
- PVT. LTD. Companies

After successful completion of their studies, including internship & getting their degrees, some students opted for further studies abroad, some have joined their family business, whereas many students have secured jobs with medium sized & prominent design firms such as **K Studios, BRIC, Soch** etc

STUDENTS PLACED IN PROMINENT FIRMS



ADITYA COLLEGE OF ARCHITECTURE



B.Arch.

ACA Achievements



Principal, Ar. Sarita Deshpande and Prof. Ar. Amol Bapat receiving the award on behalf of Aditya Group of Institutions



ACA was awarded with 'Best College' in Educational segment in 'DESI HOMES- Reality Icon Awards2022' at event at MUKKTI CULTURAL HUB, at Andheri (W) on February 28,2023

ACA was awarded the ISO 21001:2018 certification. Principal ACA, Ar. Sarita Deshpande and Dr. Sunita Srivastava Director AIMSRS at the award receiving ceremony

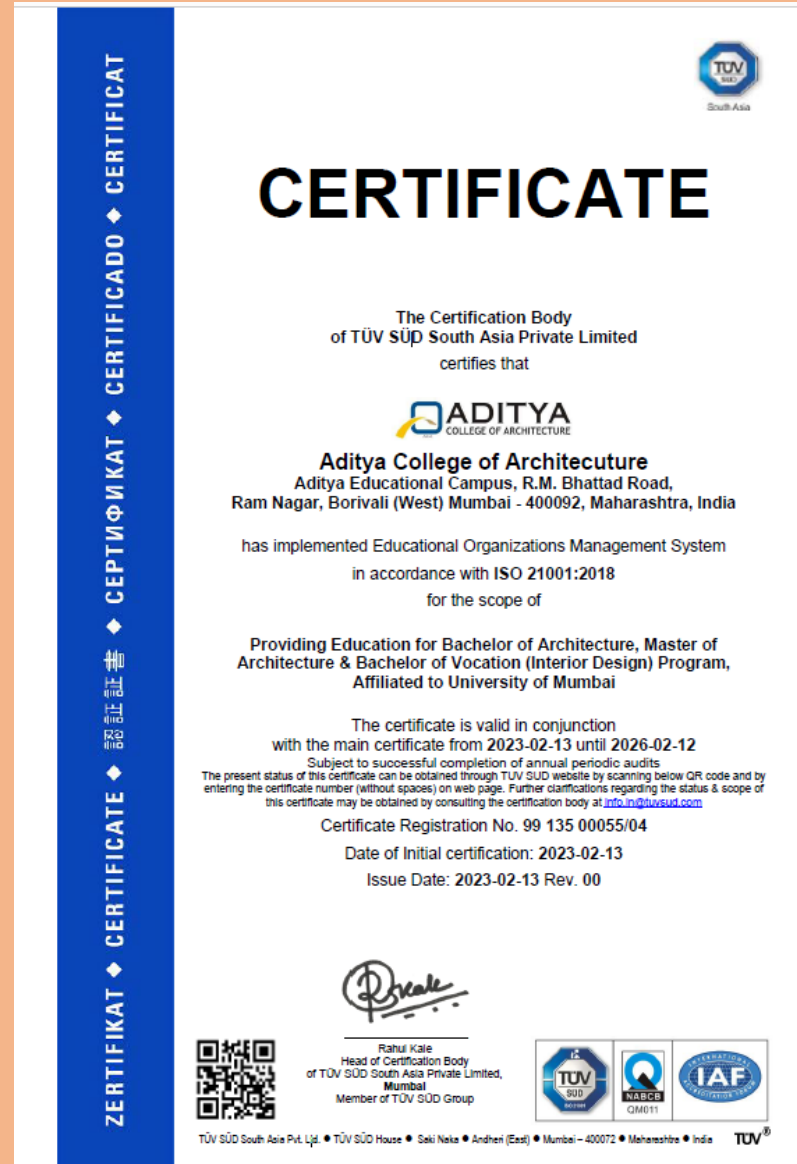


Aditya College of Architecture was ranked # 1 Architecture College in Mumbai by Times of India

ACA Achievements



Aditya College of Architecture was ranked # 1 Architecture College in Mumbai by **Times of India**



ACA was awarded the **ISO 21001:2018** certification. Principal ACA, Ar. Sarita Deshpande and Dr. Sunita Srivastava Director AIMSR at the award receiving ceremony

ACA Student Achievements

B.Arch students have won various accolades in academics, extra curricular activities and competitions in the AY -2022-23



University of Mumbai
 Department of Students' Development

55th Inter-Collegiate/Institute/Department Youth Festival AY-2022-23

1

District Round Result

Fine Art : Collage

Sr. No.	Rank	Name of the College	College Code
1	FIRST RANK	Aditya College of Architecture, Borivli	3-22
1	FIRST RANK	M.L. Dahanukar College of Commerce, Vile Parle	3-34
1	SECOND RANK	Sathaye College, Vile Parle	3-04
1	SECOND RANK	Tolani College of Commerce, Andheri	3-12
1	SECOND RANK	Mithibai College of Arts, Chauhan Institute of Science and Amrutben Jivanlal College of Commerce and Economics, Vile Parle	3-24

Fine Art : Poster Making

Sr. No.	Rank	Name of the College	College Code
1	FIRST RANK	Bhanumati Kishandas Shroff College of Arts and Maganlal Hargovinddas Shroff College of Commerce, Kandivli	3-06
1	SECOND RANK	Aditya College of Architecture, Borivli	3-22
1	SECOND RANK	Pralhadrai Dalmia Lions College of Commerce and Economics, Malad	3-40
1	THIRD RANK	Tolani College of Commerce, Andheri	3-12

1. Competition: 2 students from B.Arch. 3rd. year represented ranked first and second in **Poster Making & Collage** making respectively, in 55th Inter-collegiate/Institute/Department youth festival AY-2022-23 organised by **University of Mumbai**




Congratulations!
 Heartly congratulations to Nisarg Mewada and Disha Rabadia to have an Jury Commendation in recently Transparency Competition. To design an ergonomically efficient space for all users who have different tastes and needs with the demands of the new normal
WE AT ACA ARE PROUD OF YOU...

2

HYBRID HOME
BUOYANT DELICACY - explores the concept of growing with sensitivity. This electric minimal house incorporates biophilic design principles along with an aim of providing a sensory experience. The pandemic's impact on our lives have made us rethink about the spaces we live in making us more aware and focused on being true to ourselves and what feels good. So given the clients needs the house has been designed for every member to have their own space to flourish as well as spaces to include their extended family and friends. It also aims at promoting community gatherings and social meetings by having terrace gardens at various levels in the building as well as in the house itself.

2. Competition: B Arch Students won Jury commendation in Transparency Competition **HYBRID HOME** where they evaluated the biophilic design principles exploring concepts of living with sensitivity applying the new post-pandemic constraints
Winners: Nisarg Mewada, Disha Rabadia

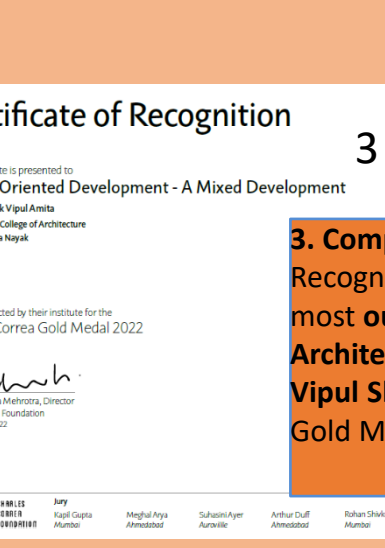


MANGO ARCHITECTURE
 ARCHITECTURE COMPETITION ORGANISER

HONOURABLE MENTION

Nature in Architecture: Research Institute for future cities

MEET DHANESHA
 ATA2021226
 (INDIA)



Certificate of Recognition

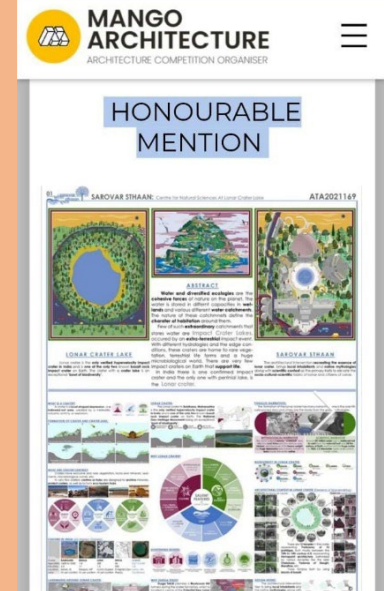
This certificate is presented to
Transit Oriented Development - A Mixed Development
 by **Shah Ronak Vipul Amita**
 School: Aditya College of Architecture
 Advisor: **Ar. Rita Nayak**

For being selected by their institute for the **Charles Correa Gold Medal 2022**

Charles Correa
 FOUNDATION
 01 September 2022

CCF CHARLES CORREA FOUNDATION
 July Kapti Gupta Mumbai
 Meghal Arya Ahmedabad
 Sahasri Ayer Aurville
 Arthur Duff Ahmedabad
 Rohan Shivkumar Mumbai

3. Competition: A certification of Recognition was awarded for the most **outstanding Undergraduate Architecture Thesis 2022** to **Ronak Vipul Shah** by the **Charles Correa Gold Medal Competition**



MANGO ARCHITECTURE
 ARCHITECTURE COMPETITION ORGANISER

HONOURABLE MENTION

SAROVAR STHAAN: Centre for Natural Sciences at Lonar Crater Lake

MIHIR DESAI
 ATA2021169
 (INDIA)

3. Competition: A certification of Recognition was awarded for the most **outstanding Undergraduate Architecture Thesis 2022** to **Ronak Vipul Shah** by the **Charles Correa Gold Medal Competition**



MANGO ARCHITECTURE
 ARCHITECTURE COMPETITION ORGANISER

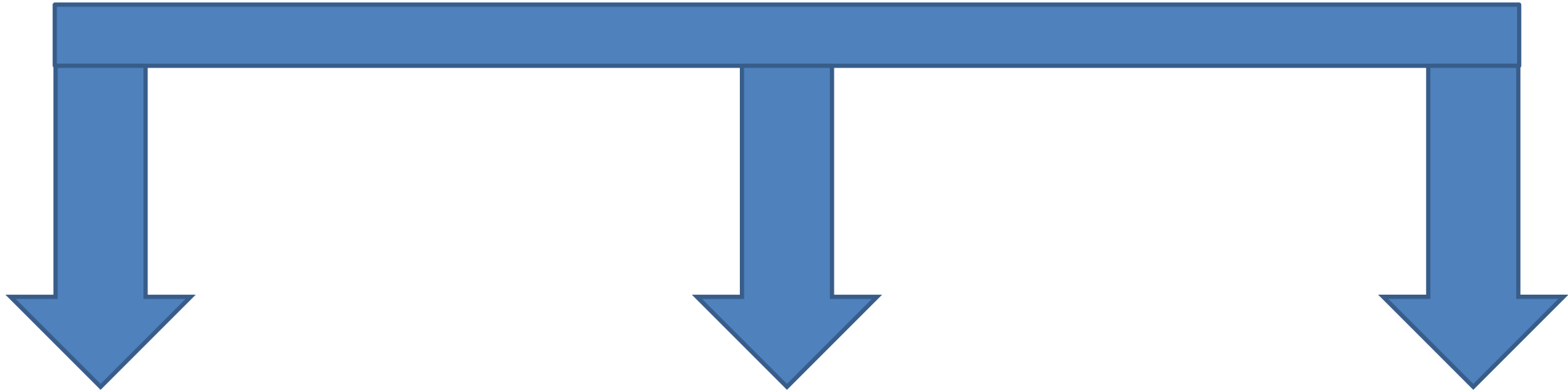
SPECIAL MENTION

Sustaining Wari Pilgrimage Culture and Revival of Local Arts in Rural Maharashtra

SOUMYA DURGESH PANDIT
 ATA2021019
 (INDIA)

4. Competition: Alumnus **Meet Dhanesha, Mihir Desai and Soumya Pandit** have been awarded honorable mention at the **Mango Architecture Thesis Competition**

ADITYA COLLEGE OF ARCHITECTURE



B.Arch.

ACA – Academic Pedagogy Adopted Strives To Cultivate A Cohesive Approach Towards Architecture, Learning & Assimilating Various Aspects Of Science, Arts, Environment & Social Studies That Impact Every Built Form And Its User.

DESIGN SUBJECTS (ARCHITECTURAL DESIGN, ALLIED DESIGN, DESIGN DISSERTATION)

AIM: The Objective Of Design Subjects Is To Encourage **Cohesive Thinking** And Create A Building Design Which Is **Aesthetic, Climate Responsive** And Takes Into Consideration All The Various Aspects Like **Structure, Services And Sustainability**.

METHODOLOGY: The Built-up Area Of The Design Problem And Its **Complexity Progressively Increases** With Each Semester. In The Junior Years Emphasis Is Laid On Form And Abstraction And As They Reach The Final Semester , Efficiency Of The Structure, Costing, Architectural Detailing, Services Are All Taken Into Consideration

TECHNICAL SUBJECTS (ARCHITECTURAL BUILDING CONSTRUCTION, BUILDING SERVICES, REPRESENTATION & DETAILING, THEORY OF STRUCTURES)

AIM: To Ensure **Cohesive Thinking**, All Technical Subjects Are Aligned With The Design Subjects And Aspire To Create **Climate Responsive, Contextual & Sustainable Architecture**. **METHODOLOGY:** Pedagogy Adopted Includes **Theory, Sessional Work, Hands-on Exercises, Site Visits/ Online Videos** Shared To Introduce, Orient & Teach The Details Of All Aspects Of Construction And Practical Implementation Of Design Ideas. The Complexity Of The Topics Covered In Each Subjects Progresses From 1st To 5th Year In Its Scale & Complexity.

DOCUMENTATION (COLLEGE PROJECTS)

AIM: The objective of college project subject is to encourage analytical insight which is the core of architectural studies & even beyond in practical field.

METHODOLOGY: Pedagogy Adopted Includes exercises focusing on spatial analysis, observational skills, perception and visualization enhancement from junior years to senior with varying scale level. Also, various competitions and extra curricular activities are encouraged under the subject to experience practical exposure too.

ELECTIVE

AIM: To introduce skill-based courses to enhance students Thinking skills, Personal skills and Psychomotor Skills.

METHODOLOGY: The courses and content of Electives were chosen with respect to academic year and level of proficiency required and expected at that stage. While early levels were introduced to various hand on and digital courses in Model Making and AutoCAD, higher level worked upon various mediums of digital presentation such as Documentary making, Communication Skills, and skills of interpreting Sites and their topography.

ACA: B.ARCH – ACADEMIC CALENDAR MILESTONES & TIME-TABLE FOR ODD & EVEN SEMESTERS – AY 2022-2023

ACADEMIC CALENDAR – B.ARCH. AY: 2022-2023	
MILESTONES	DATES
Semester Commencement - 05,07,09 (2022-23)	06-Jun-22
Semester 05,07,09 Ends (90 Working days)	15-Oct-22
Semester Exams (scheduled)	17-Oct-22
Results (scheduled)- completed	11-Nov-22
Semester Commencement - 06,10 (2022-23)	21-Nov-22
Semester Ends (90 Working days)	15-Apr-23
Semester Exams (scheduled)	24-Apr-23
Results (scheduled)	22-May-23
Semester Commencement - 07 & 09 (2023-24)	05-Jun-23
Semester Commencement – 01 (2022-23)	01-Dec-22
Semester Ends (90 Working days)	17-Apr-23
Semester Exams (scheduled)	24-Apr-23
Results (scheduled)	22-May-23
Semester Commencement - 02 (2022-23)	10-Apr-23
Semester Commencement – 04 (2022-23)	02-Jan-23
Semester Ends (78 Working days)	17-Apr-23
Semester Exams (scheduled)	24-Apr-23
Results (scheduled)	22-May-23
Semester Commencement - 05 (2023-24)	05-Jun-23

ACA: B.ARCH – ACADEMIC CALENDAR MILESTONES & TIME-TABLE FOR ODD & EVEN SEMESTERS – AY 2022-2023

TIME TABLE										
CALENDAR AY:2022-23 SEMESTER: <u>ODD</u>										
Course - B.Arch										
	7.30-8.20	8.20-9.10	9.10-10.00	10.0-10.50	30 MIN	11.20-12.10	12.10-13.00	13.00-13.50	13.50-14.40	
MONDAY	SEM-1	TOS (105)		C. P. (120)	BREAK	A. D. (101)				
	SEM-3	A. R. D. (307)				A. D. (301)				
	SEM-5	A. L. D. (502)		FREE		A. T. (509)		ELECTIVES (521)		
	SEM-7	A. B. C. (703)		A. R. D. (707)		A. R. D. (707)				
	SEM-9	A. D. (901)				A. B. S. (908)		ELECTIVES (921)		
TUESDAY	SEM-1	HUMANITIES (105)		A. B. C. M. (103)	BREAK	A. B. C. M. (103)				
	SEM-3	E. V. S. (306)		ARCH. THEORY (309)		T. O. S. (304)		TECH STUDIO (303, 304, 308)		
	SEM-5	A. D. (501)				ELECTIVES (521)		HUMANITIES (505)		
	SEM-7	A. D. (701)				FREE		ELECTIVES (721)		
	SEM-9	TOS (904)		TECH STUDIO		FREE		A. L. D. (902)		
WEDNESDAY	SEM-1	A. R. D. (107)		ELECTIVES (1 UNITS)		A. L. D. (302)				
	SEM-3	HUMANITIES (305)		TECH STUDIO (503, 504, 508)		A. R. D. (507)		C. P. (320)		
	SEM-5	A. B. C. (503)		FREE		P. P. (710)		FREE		
	SEM-7	T. O. S. (704)		FREE		A. L. D. (902)		E. V. S. (906)		
	SEM-9	D. D. (911)				FREE		(906,908) TECH-STUDIO		
THURSDAY	SEM-1	A. R. D. (107)		E. V. S. (106)		A. D. (101) FREE				
	SEM-3	A. B. C. M. (303)				A. D. (301)				
	SEM-5	T. O. S. (504)		TECH STUDIO (503, 504, 508)		FREE		A. B. S. (508)		
	SEM-7	A. L. D. (702)				A. B. S. (708)		FREE		TECH STUDIO (703, 708)
	SEM-9	A. D. (901)				FREE		A. B. C. (903)		(903,904) TECH-STUDIO
FRIDAY	SEM-1	A. L. D. (102)		C. P. (120)		C. P. (120)				
	SEM-3	ELECTIVES (321)		C. P. (320)		ABS (308)		TECH STUDIO (303, 304, 308)		
	SEM-5	A. D. (501)				FREE		C. P. (520)		
	SEM-7	A. D. (701)				FREE		C. P. (720)		
	SEM-9	P. P. (910)		FREE		ELECTIVES (922)		ELECTIVES (921)		

TIME TABLE												
CALENDAR AY:2022-23 SEMESTER: <u>ODD/EVEN</u>												
Course - B.Arch												
	7.30-8.20	8.20-9.10	9.10-10.00	10.0-10.50	30 MIN	11.20-12.10	12.10-13.00	13.00-13.50	13.50-14.40			
MONDAY	SEM-1	A. R. D. (107)				BREAK	T. O. S. (404) (L)		T. O. S. (404) +TS		HUMANITIES (105)	A. B. C. M. (103)
	SEM-4	T. O. S. (404) (L)					T. O. S. (604) (L)		T. O. S. (604) (S)			
	SEM-6	A. L. D. (602)					D. D. (1011)		A. R. D. (1007)		TECH STUDIO	
	SEM-10	D. D. (1011)					A. D. (101)		A. R. D. (407) L- S			
	SEM-10	D. D. (1011) (Library)					A. D. (101)		HUMANITIES (605)		A. B. S. (608) (S)	
TUESDAY	SEM-1	A. L. D. (102)				BREAK	A. L. D. (402)		A. B. C. (403) + TS		A. D. (101)	
	SEM-4	A. L. D. (402)					A. D. (601)		A. R. D. (407) L- S		A. B. S. (608) (S)	
	SEM-6	A. D. (601)					P. P. (1010)		A. T. (1009)		D. D. (1011) (Library)	
	SEM-10	P. P. (1010)					A. T. (1009)		D. D. (1011) (Library)		D. D. (1011) (Library)	
	SEM-10	D. D. (1011) (Library)					A. T. (1009)		D. D. (1011) (Library)		D. D. (1011) (Library)	
WEDNESDAY	SEM-1	A. R. D. (107)		C. P. (120)		A. R. D. (107)						
	SEM-4	HUMANITIES (405)		A. T. (409)		A. T. (409)		C. P. (420)		C. P. (120)		
	SEM-6	A. B. C. (603) (L+S)				A. T. (409)		C. P. (420)		C. P. (620)		
	SEM-10	A. B. C. S. (1012) L+ S		TECH STUDIO		A. T. (409)		C. P. (420)		ELECTIVES (621)		
	SEM-10	A. B. C. S. (1012) L+ S		TECH STUDIO		A. T. (409)		C. P. (420)		ELECTIVES (621)		
THURSDAY	SEM-1	E. V. S. (106)		ELECTIVES (121)		A. B. C. (403) + TECH STUDIO						
	SEM-4	E. V. S. (106)		ELECTIVES (121)		A. B. C. (403) + TECH STUDIO						
	SEM-6	ELECTIVES (621)		A. R. D. (607)		A. B. C. (403) + TECH STUDIO						
	SEM-10	D. D. (1011)				A. B. C. (403) + TECH STUDIO		A. R. D. (607)		A. R. D. (607)		
	SEM-10	D. D. (1011)				A. B. C. (403) + TECH STUDIO		A. R. D. (607)		A. R. D. (607)		
FRIDAY	SEM-1	TOS (105)		ELECTIVES (121)		A. B. C. (403) + TECH STUDIO						
	SEM-4	ELECTIVES (421)		A. B. S. (408) (TS)		A. B. C. (403) + TECH STUDIO						
	SEM-6	A. D. (601)				A. B. S. (408) (TS)		A. R. D. (607)		A. R. D. (607)		
	SEM-10	A. R. D. (1007)		TECH STUDIO		A. B. S. (408) (TS)						
	SEM-10	A. R. D. (1007)		TECH STUDIO		A. B. S. (408) (TS)						

B.Arch. - ARCHITECTURAL DESIGN

AIM: The Objective Of Architectural Design Is To Encourage **Cohesive Thinking** And Create A Building Design Which Is **Aesthetic, Climate Responsive** And Takes Into Consideration All The Various Aspects Like **Structure, Services And Sustainability.**

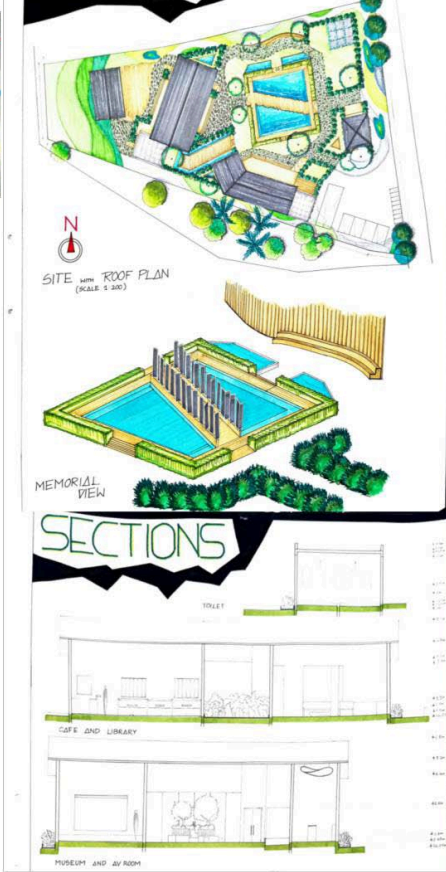
METHODOLOGY: The Built-up Area Of The Design Problem And Its **Complexity Progressively Increases** With Each Semester. In The Junior Years Emphasis Is Laid On Form And Abstraction And As They Reach The Final Semester , Efficiency Of The Structure, Costing, Architectural Detailing, Services Are All Taken Into Consideration

FIRST YEAR



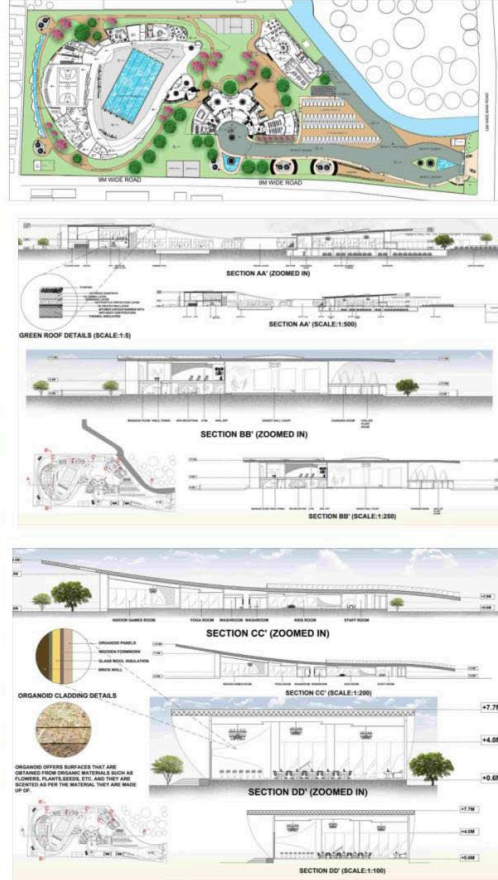
Developing Architectural vocabulary & visualization Architect's Philosophy

SECOND YEAR



Memorial for the Frontline Workers lost to Covid Pandemic
 BUILT UP AREA :350 sqm

THIRD YEAR



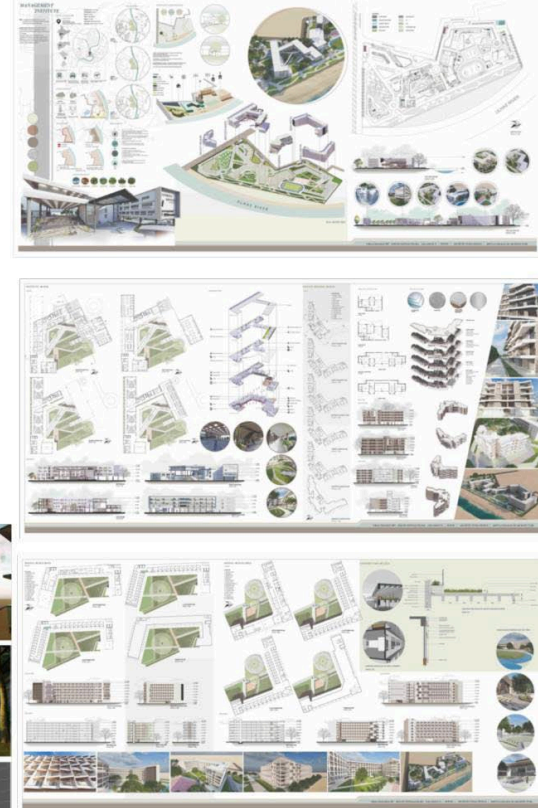
To propose a city level amenity (sports club) and its requirements. .
 Built up area :8490 sqm

FOURTH YEAR



Mixed use housing
 Built up area :41874 sqm

FIFTH YEAR



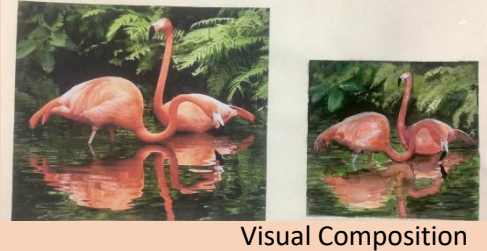
- Management Institute – catering to 480 Students
 - BUILT UP AREA :20022 SQM

B.Arch. - ALLIED DESIGN

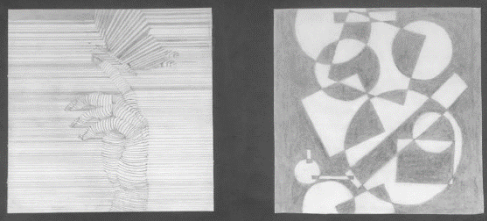
AIM: The Subject Aims At Enriching The Students With Different **Concepts Of Design, Starting From Fundamental Concepts To Complexities Of Urban Design.**

METHODOLOGY: The Preliminary Stage Is To Understand The **Basic Elements And Principles Of Design**, Followed By Space **Organization In Interior Layout**, Then To Enable The Students To Understand The **Natural Environment And To Design Landscape**. Understanding The Complexities Of **Urban Theories And Sociology** Followed By Introduction To **Urban Design** And Lastly To Learn **Town Planning** That Assist To **Make Connection Between People And Place And Convert Spaces Into Places.**

Basic Design (Sem I)



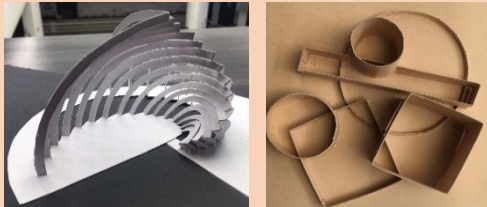
Visual Composition



Line & Shape Composition



Understanding of different texture



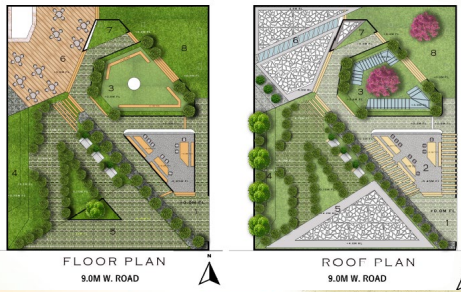
Kirigami Different Forms

Interior Design (Sem III and IV)



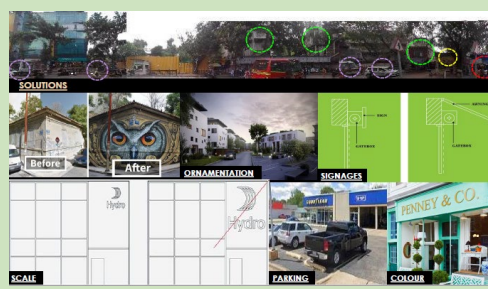
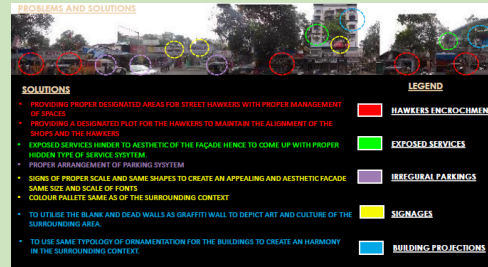
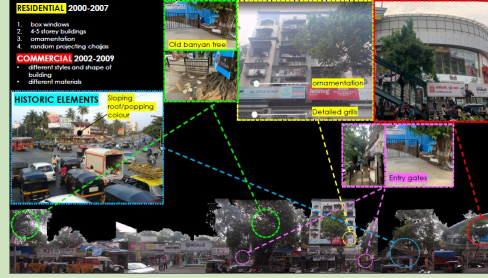
Interior design in sem 3/4 is an introduction to interior design and planning of Studio Apartment (Sem 03) and Resto & Bar (Sem 04)

Landscape Design (Sem V and VI)



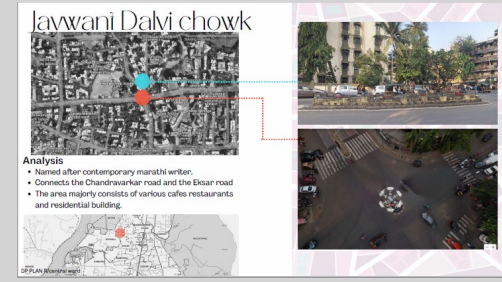
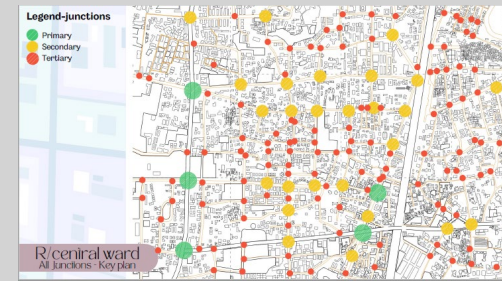
Landscape design in Sem 5/6 is an introduction to planning of Institutional outdoor space that enhance and complements the architectural design

Urban Studies (Sem VII)



Urban Studies mainly focus on the Urban Development features & to solve Urban related problem

Town Planning (Sem IX)



Main objective is to understand the surrounding neighbourhood & streetscape while studying elements of a street

B.Arch. - DESIGN DISSERTATION

AIM: Design Dissertation
 Subject is The **Final Year Thesis Under Individual Faculty Mentorship** Which Is Submitted as A **Research Black Volume In Sem 9.**

The Same Research Based Topic is taken forward in Sem 10 to An **Architectural Project With Complete Details Of Design, construction, Structure, Services And Sustainability,** which Is Submitted By Every Student To Qualify In The **Final Sem 10 Thesis Jury is Conducted Under Mumbai University.**

METHODOLOGY: Students Are Made To Present **3-4 Topics Out Of Which 1 Is finalised** In A Structured Synopsis To Be Further Taken Ahead Under **Literature Review, case Study Analysis, Site Finalisation And Design Brief Formulation** In Sem 9.

This Same Thesis Subject Is Completed As An Elaborate **Architectural Project In Sem 10** Complete With **Software Skills, Presentation And Details.**

ADITYA Shaily Mundhada, Ar-18-040

Introduction

AUTISM

The Great most of the word "autism" meaning "self"

Individuals with autism only partially understand the social cues and understand relevant facts, going into the "self"

It is a developmental disorder that impairs a person's capacity for verbal and nonverbal communication, as well as their ability to listen and gesture. The term "spectrum" refers to the wide range of symptoms and severity associated with autism spectrum disorder.

SOME DISABILITIES LOOK LIKE THIS

SOME LOOK LIKE THIS

ADITYA Shaily Mundhada, Ar-18-040

Prevalence of autism

A place where healing starts – Nurturing future of people with autism

1 in 44 kids identified with autism

- 1 in 186 girls are autistic
- 1 in 27 boys are autistic
- Boys are 4 times more likely to have Autism than girls
- Autism affects 1 in every 100 children in India

ADITYA Shaily Mundhada, Ar-18-040

Types of autism

- Asperger Syndrome:**
 - Flat monotone speech, the inability to express feelings in their speech, or change their pitch with their environment.
 - Difficulty interacting with peers at school and home.
 - Struggle to grasp social cues in terms of communication such as body language, facial expressions, gestures, humor, and sarcasm.
 - Showing awkward body language, standing too close, or talking too loudly.
 - Lacking eye contact.
 - Repeating the same behaviors and activities.
- PDD (Autism Spectrum Disorder):**
 - Delayed skill development
 - Slowly developed speech and language
 - Difficulty accepting change
 - Stereotyped responses to taste, sight, sound, smell, or touch
 - Highly restricted and focused interests
 - Persistent and repetitive actions such as opening and closing doors repeatedly.
- CDD (Childhood Disintegrative Disorder):**
 - Motor abilities
 - Playing abilities
 - Social and self-care abilities
 - Expressive language skills
 - Receptive language skills
 - Control of the bowels or bladder
- Autistic Disorder:**
 - Challenges with social interaction
 - Communication problems
 - Patterns restricted or repetitive behaviors like hand flapping or flapping
 - Stereotyped or "stereotyped"
 - Sleeping and eating disturbances
 - Experiences sensory overload
- Rettt Syndrome:**
 - Spitting and drooling
 - unconform eye movements, staring, or blinking
 - cold extremities
 - sleep disturbances
 - irritability
 - breathing abnormalities

Symptoms of various types of autism

Revitalizing the precinct of Sewri – Bolstering the Eastern Edge

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ADITYA Shaily Mundhada, Ar-18-040

UNDERSTANDING THE LAYERS AND SPATIAL RELATIONS OF BAZAARS

- Following is the key to a good bazaar.
 - Spatial organization
 - Individual unit layout
 - Buyer-seller interaction
 - Temporary and permanent structures
 - Recreational spaces

TYPES OF BAZAARS

- LINEAR BAZAAR
- CENTRAL BAZAAR
- CLUSTER BAZAAR

PLACEMAKING

Placemaking follows certain principles to make a space better.

- The community is the expert
- You can't do it alone
- Form follows function
- You are creating a place not just a design
- Triangulate
- You are never finished

What Makes A Great Place?

- Uses And Activities
- Social Interactions
- Comfort And Image
- Access And Linkage

IMPORTANCE OF RECREATIONAL SPACES

COMFORT SOCIAL INTERACTION COMMUNITY INTERACTION

STUDENT NAME – NIKITA SONI
 ROLL NO. – AR-18-069

ADITYA Shaily Mundhada, Ar-18-040

GAPS IDENTIFICATION

USER IDENTIFICATION

- LOCAL PEOPLE
- INTERNATIONAL TOURIST
- SHOPEEKERS
- ADMIN STAFF
- BACK STAFF
- SECURITY STAFF
- KARIGARS
- HOUSEKEEPING
- JEWELLERY DESIGNER
- FOOD COURT STAFF

GAP IDENTIFICATION

- LACK OF SATURATION
- LACK OF RECREATIONAL SPACE
- CONGESTED BUILTUP
- NOT ENVIRONMENTAL FRIENDLY
- UNORGANIZED SECTORS

STUDENT NAME – NIKITA SONI
 ROLL NO. – AR-18-069

Revitalizing the precinct of Sewri – Bolstering the Eastern Edge

ABSTRACT:

Waterfront development has always been a desirable and important aspect of city development, as well as a debated topic in urban planning and development of any city. The eastern side of Mumbai City is composed of 1100 acres of land that are currently underutilised. Both Mumbai City and Mumbai Port are losing their authority over the area. The city's urban development and coastal line each have distinctive characteristics that are influenced by the city's vision, skyline, land use, environmental factors, social and community characteristics, cultural and traditional values, and history. Mumbai is the financial, technological, and fun hub of the country, a dense, dazzling, and congested metropolitan area with 21 million residents. Mumbai struggles with major flooding, pollution, deteriorating flora and wildlife, and expected to experience a wide range of local weather-related effects.

This study analyses the overall context of Sewri and identifies its potentials. The Waterfront shows many of Mumbai's economic, social, infrastructure and environmental challenges. Recreation and tourism are significant components of international tourism, the largest and fastest-growing industry in the world. One of the key elements influencing growth patterns in India's coastal zones is development related to tourism and recreation. Consequently, it is important to consider how India's interests in coasts and oceans are tied to one another in any analysis.

This Thesis examines the concern and need for the preserving the importance of History, Habitat and Heritage of sewri area and identifies gaps, whereas provides solution where action is needed. The aim is to store this identity and preserve it through an interactive method of Education known as Edutainment, where Education and Entertainment is in the same space various ideas and concepts have been studied for minimizing the gap. The Architectural Intervention will create spaces that are user friendly, which can also help the people to connect with the eastern waterfront, provide job opportunities to the local indveller and remove the gap between Education and Entertainment.

KEYWORDS: Eastern Waterfront, History, Heritage, Habitat, Tourism, Edutainment.

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ADITYA BHAVESH SHETTY_AR-18-065

CENTER FOR URU BUILDING PRACTICE REVIVAL OF ADRIPT CRAFT OF SHIP BUILDING

BHAVESH SHETTY | AR-18-065
 20-09-2022

Rare and brilliant craftsmen with years of experience building hand-crafted Uru boats, Uru boat manufacturers are extremely hard to find. Each boat takes approximately two years to build, with up to 15-20 individuals working at once. It began building Uru vessels in Bhopale when he was just 27 years old, having only one job passed on to him by his heritage

Average Dimension of Uru
 Length : 24m-34m
 Breadth : 7m-10m
 Height : 3m-6m

This is maximum value **uhaz** ship can get craftsmen also covers minimum dimension yacht

TYPES OF URU

- KOTISA:** Its width is one out out of three of its length
- PATHEMAM:** Goods ship
- SHAMBOOK:** The Arab had been used this type ship since 11th century AD width is half of its length
- DORBI:** Small ship
- BATALA:** Mainly used in banner coast in Uttar karnataka
- THOOTHUNGUDI:** Also known as kothakathu boat's need
- MANGLORE PADUJI:** Its width is larger than its length
- BOOM:** Huge cargo vessels
- BIREK:** Related to Royal families Royal looking
- BAKLA:** Royal finished with elaborate carving and beautiful arches

ADITYA BHAVESH SHETTY_AR-18-065

CENTER FOR URU BUILDING PRACTICE – REVIVAL OF ADRIPT CRAFT OF SHIP BUILDING

Peripous of the Erythraean Sea
 1st century AD

THE DIFFICULTIES OF FACULTY-The transition between online and offline medium was sporadic as the batch had come offline first time after pandemic.

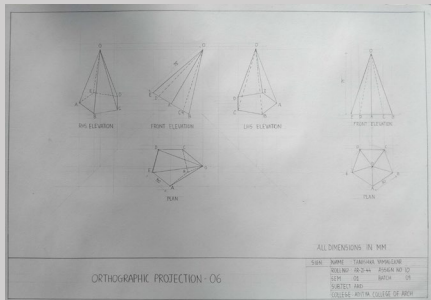
1. Synopsis;
2. Research Methodology;
3. Literature Review
4. Casestudies
5. Social Survey
6. Site Finalisation- Site Analysis ;
7. Design Brief ;
8. Project With Complete Details And ARD

B.Arch.-ARCHITECTURAL REPRESENTATION & DETAILING (ARD)

AIM: Training The Students To Prepare Drafting Skills And Expressing The Design In The Form Of Drawings At Various Stages Of The Project.

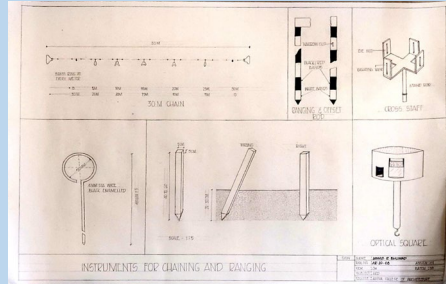
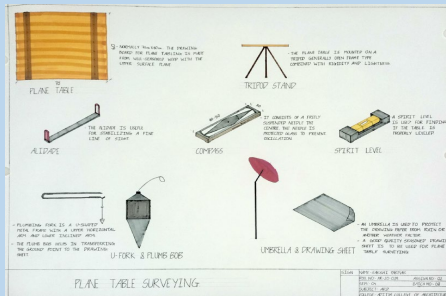
METHODOLOGY : Preparing Hand Drawn Drawings Plan, Elevation& Sections, Working Drawings For Execution At Site, Municipal Drawings For Obtaining The Approval From The Authorities And Finally In The Last Year To Prepare A BuildableProject

FIRST YEAR



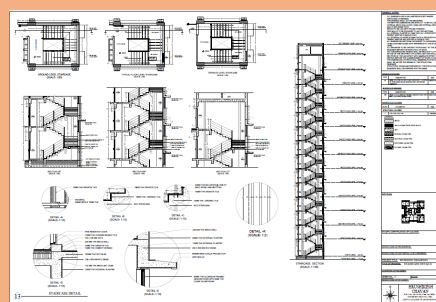
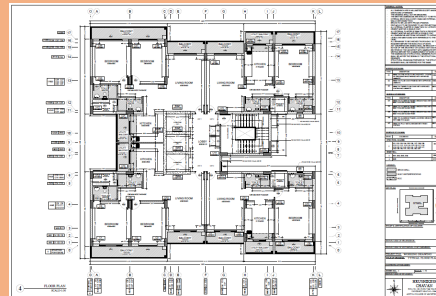
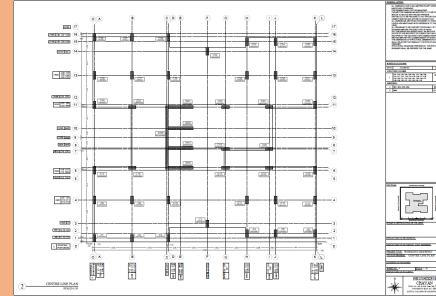
Plan, Section, Elevation Architectural Drawings Explained

SECOND YEAR



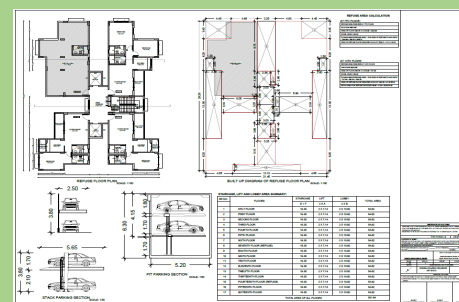
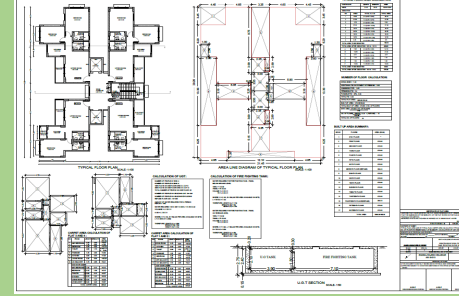
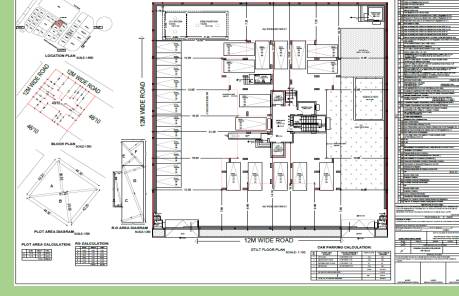
Understanding Surveying & Leveling of Site topography

THIRD YEAR



Students trained for preparing Working Drawings

FOURTH YEAR



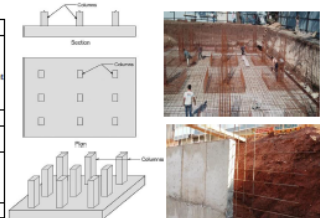
Students trained for Bye-laws & preparing Municipal Drawings

FIFTH YEAR

E.R.I.C : Entrepreneurs Research and Incubation Centre, Pune.

FOUNDATION : RAFT

- Reason to Use : ADVANTAGES**
- The soil has a poor soil bearing capacity with a presence of mixed type soil, and an uneven land type with a gradual. Also need for an Retaining wall for the Basement and Part Silt, Raft would be excellent for this construction type.
1. It requires less excavation
 2. Differential settlement of soil can be reduced.
 3. Mat foundation itself can be considered as a floor slab. So it reduces the cost of constructing floor slab.
 4. Distribute loads over a larger area



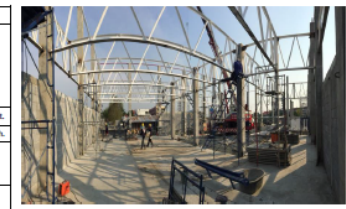
STRUCTURAL SYSTEM : R.C.C FRAMED



- Reason to Use : ADVANTAGES**
- In order to Minimize the construction Area of the office building so as to make it as the worth of the land is excessive and save on the time and cost of construction
1. It is good in compression as compared to most other materials used for construction beside good in tension.
 2. It has a long service life with low maintenance cost.
 3. Its resistance to fire is better than steel as capable of resisting fire for a longer time.
 4. Less skilled labors are required for erection as compared to other structural systems.

STRUCTURAL SYSTEM : R.C.C COLUMNS WITH STEEL TRUSS

- Reason to Use : ADVANTAGES**
- Toprove Larger spans for Auditorium and Exhibition Spaces. Stalls serves to be more economical and satisfactory to the design type. It also provides scope to design a unique curved Roof.
1. Fire, Weather and Moisture Resistant.
 2. The steel has higher tensile Strength.
 3. It can be Fabricated into a variety of Different Shape while still maintaining it Strength.
 4. Cost effective for Larger Spans

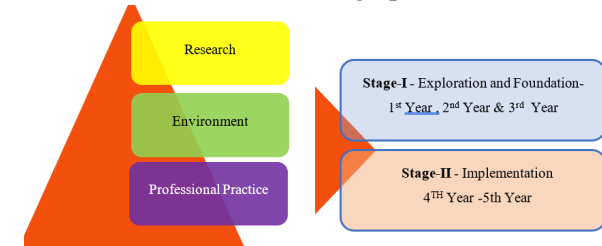


Students prepared for buildable designs as part of their Design Dissertation

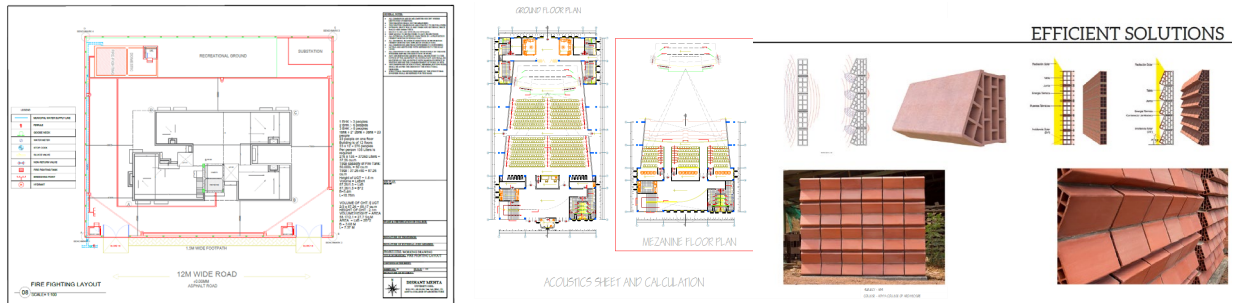
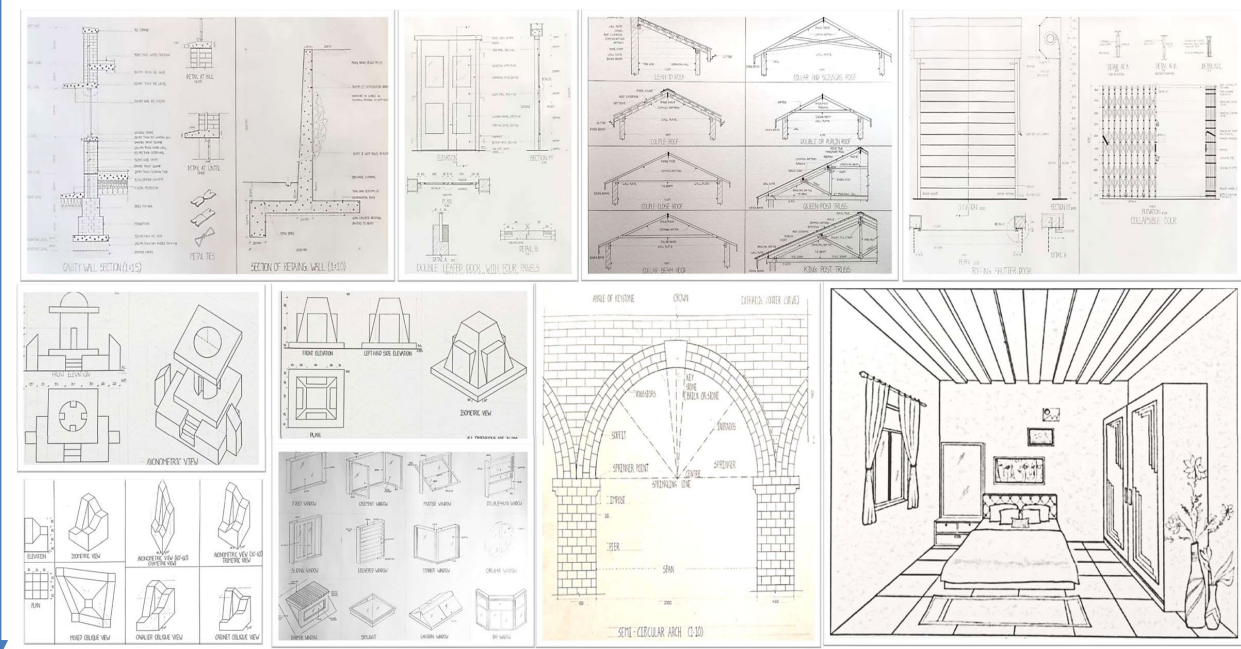
B.Arch.-ARCHITECTURAL BUILDING SERVICES (A.B.S.) & ARCHITECTURAL BUILDING CONSTRUCTION, MATERIALS & STRUCTURES (A.B.C.M.)

ARCHITECTURAL BUILDING SERVICES (A.B.S.)						
SEMESTER	SEM III	SEM IV	SEM V	SEM VI	SEM VII	SEM IX
CURRICULUM	WATER SUPPLY & SANITATION	SEWAGE, ROOF DRAINAGE, RAIN WATER HARVESTING	ELECTRICAL, LIGHTING, ACOUSTICS	FIRE SERVICES, HIGH RISE BUILDINGS SERVICES, VERTICAL TRANSPORT	HVAC	INTEGRATED SERVICES, SPECIALIZED SERVICES, BMS, INFRASTRUCTURE AND AMENITIES FOR PUBLICSPACES
THEORY	LECTURES, ONBOARD & DIGITAL BORAD EXPLANATION, PPT, DISCUSSIONS, INDIVIDUAL CRIT, REF READINGS/ ARTICLES (ALL CONDUCTED ONLINE ON TEAMS)					
ASSIGNMENTS - SESSIONALS	DESIGNING & REPRESENTING WATER SUPPLY SYSTEM ON SITE	DESIGNING & REPRESENTING DRAINAGE SYSTEM ON SITE	DESIGNING & REPRESENTING ELECTRICAL SYSTEM	DESIGNING & REPRESENTING FIRE PROTECTION SYSTEM ON SITE	DESIGNING & REPRESENTING HVAC SYSTEM	REPORTS AND CASE STUDIES RELATED TO THIS TOPIC.
SITE VISITS/ VIDEOS	(1)VIDEO CONTENT, PROJECTS DONE BY FACULTY (2)STUDENTS WERE ENCOURAGED TO EXPLORE THEIR IMMEDIATE SURROUNDINGS TO IDENTIFY AND LEARN SERVICES INSTALLATIONS, HELPED IN LEARNING NEWER METHODS, BRANDS, TECHNOLOGY BEING USED CURRENTLY IN PROJECTS					
HAND-ON EXERCISE	(1) 3D MODELS IN SOFTWARES (2) SCALED MODELS PREPARED FOR BETTER UNDERSTANDING					

PHILOSOPHY – To impart quality education that encourages students to be competent enough for execution of projects/design. Construction and material technology, building services, Structures and Working Drawing are backbone of design. Integration of this technical subjects will h and enhance the architectural design process.



- Pedagogy:**
- Construction**
 - Emphasize is on study of geometry, construction technology, materials, process & Principles of construction.
 - Construction details and its Application
 - Building Services**
 - Focus is on installation & working of essential services on site and in buildings, and their role in generating healthier and cleaner built environment.
 - Working drawing**
 - Detailed drawings in accordance with building construction, structures, building services and site development with specifications.



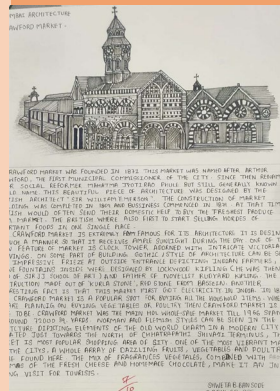
B.Arch.-ELECTIVE

AIM: To introduce skill-based courses to enhance students Thinking skills, Personal skills and Psychomotor Skills.

METHODOLOGY: The courses and content of Electives were chosen with respect to academic year and level of proficiency required and expected at that stage. While early levels were introduced to various hand on and digital courses in Model Making and AutoCAD, higher level worked upon various mediums of digital presentation such as Documentary making, Communication Skills, and skills of interpreting Sites and their topography.

FIRST YEAR

SEM 1—Electives Communication Skill through Article writing

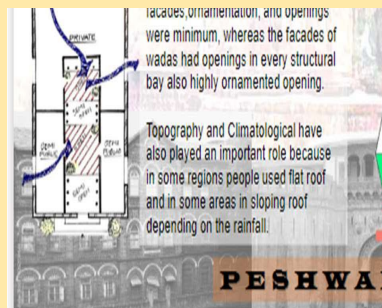


Topics like art appreciation and interpretation in art assignments

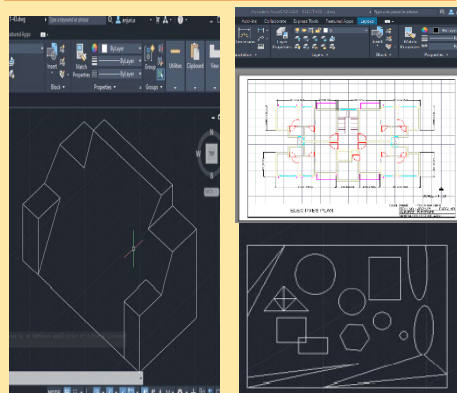


SECOND YEAR

Studies were conducted to incorporate knowledge regarding the the traditional houses of regions.



Knowledge and course of AUTOCAD drawing was conducted for the semester

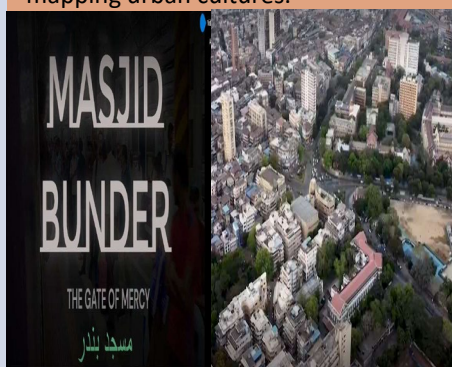


THIRD YEAR



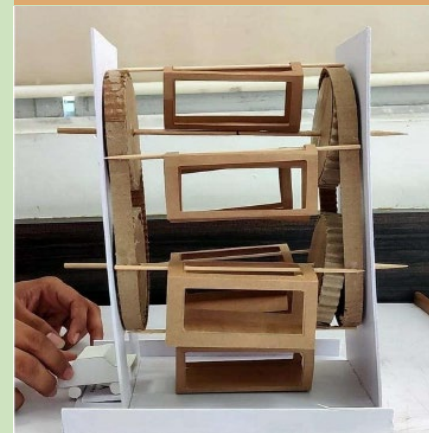
Attempts were made to enhance skills of live and photographed Urban Sketching useful for Documentation

Students were introduced to Film and Documentary making along with mapping urban cultures.



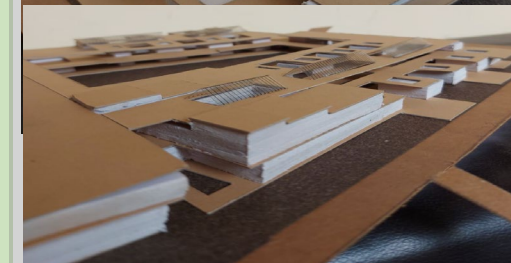
FOURTH YEAR

Study of modern parking solutions with working models was conducted.



FIFTH YEAR

Collection & analysis of the data related to Thesis Design topic Data Analysis, Synopsis, Thesis Formulation ,Site Analysis, Design Program formulation.



AIM: to equip students for better understanding of other subjects like EVs, AD, allied design & ARD.

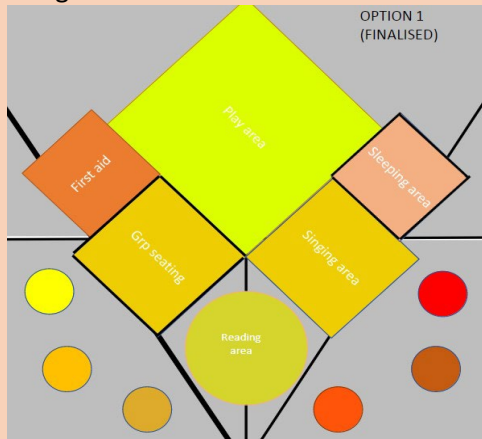
METHODOLOGY: basic training on the conducting of social mapping, architectural writing of articles and acquainting the students with the right architectural terminology.

FIRST YEAR

Location Mapping

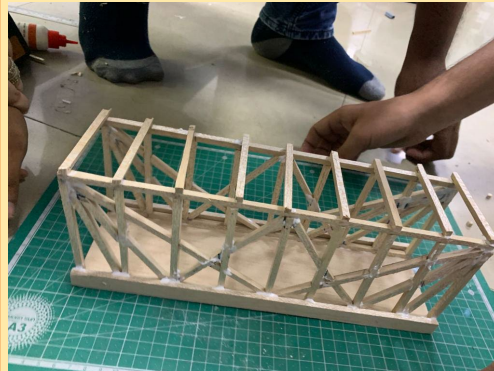
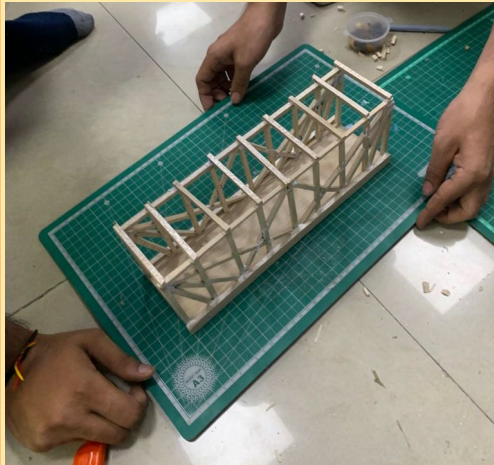


Creation of spaces through 2d design



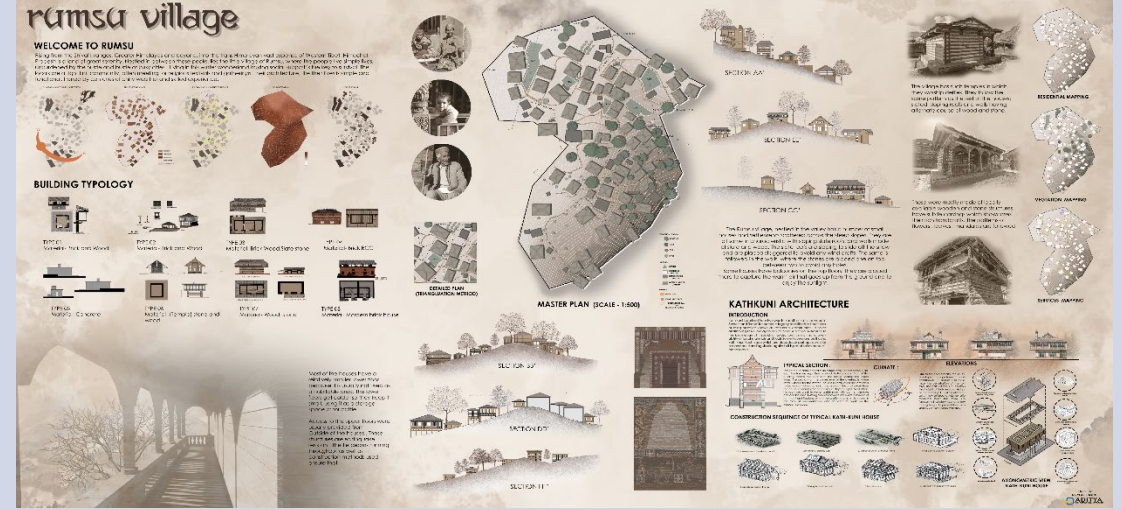
SECOND YEAR

Making models of Truss and understanding truss and theory of structures



THIRD YEAR

Writing research papers on a topic related to architectural design problem



FOURTH YEAR

Creating their own portfolios and graphical representation and presentation techniques were taught to facilitate the professional practice and initiation into the industry

 DEVANG LAHOTI ARCHITECTURE STUDENT A fresh Year Architecture student from Aditya College of Architecture, Mumbai who loves travelling which helps me to get to know about new styles of design and explore new trends in my field. The following is the collection of my projects that reflects my interest in Architecture. ABOUT ME DOB: 08th April 2002 Nationality: Indian Language: English, Hindi SOCIAL Instagram: @khatibdevang Facebook: Devang Lahoti LinkedIn: Devang Lahoti CONTACT Phone: 9822777375 Email: devanglahoti@gmail.com Place: Bhivand, Thane	EDUCATION B-Arch 2019 - Present Aditya College of Architecture, Mumbai Passed 12th Grade - 2019 Saket College, Kalyan Passed 10th Grade - 2017 Presidency School, Bhivand	SOFTWARE SKILLS Autodesk AutoCAD Google SketchUp Adobe Photoshop V-Ray Lumion Ms Office	
	EXPERIENCE Bonnal Design Fair - 2019 Associate member of Student Council - 2019 Sport head: Head of Student Student Council - 2021 Member of Graphics Team of Student Magazine Bamboo Workshop - 2022	CORE SKILLS Teamwork Communication Creative Leadership	HOBBY Cricket Swimming Travelling Music
	COMPETITION Participated in NASA ANDC 2021 Participated in NASA CP Kulkreja 2022	DOCUMENTATION Ajanta caves, Aurangabad - 2019 Rumsu Village, Manali - 2022	

 PRUTHI UDANI 22.08.2001 GOREGAON (MUMBAI) INDIA Hello, I am a fourth year architecture student, eager to learn and experience the professional workspace.	CURRICULUM VITAE CV CONTENTS 01 ARCHITECTURAL DESIGN 1.1 MASS HOUSING 1.2 INTERGENERATIONAL HABITAT CENTER 1.3 BACKPACKER'S HOSTEL 1.4 YOUTH CENTER 1.5 WEEKEND HOME 02 INTERIOR DESIGN 2.1 ARCHITECT'S HOUSE 2.2 ARCHITECT'S OFFICE 03 WORKING DRAWINGS 3.1 CONSTRUCTION DETAIL DRAWINGS 3.2 WORKING DRAWINGS- RESIDENTIAL 04 MISCELLANEOUS 4.1 ARCHITECTURAL MODELS 4.2 ARTWORK
EDUCATION 2005-2017: VIBGYOR HIGH SCHOOL 2017-2019: MITHBAI COLLEGE 2019-2024: ADITYA COLLEGE OF ARCHITECTURE	SOFTWARE PROFICIENCY MS Office Revit HANDS-ON SKILLS MODELING DRAWING PRESENTATION
SKILLS CREATIVITY COMMUNICATION TEAMWORK FAST LEARNING MULTITASKING	WORKSHOPS ATTENDED BAMBOO WORKSHOP SUSTAINABLE DESIGN ECOLOGICAL DESIGN LANDSCAPE ARCHITECTURE CONTACT 7040027800 pruthiudani@gmail.com

B.Arch. -DESIGN CELL AND CONSULTANCY

AIM: In The Design Cell , The Aca Team Is **Appointed As Consultants** By A Client To Design, Conceptualize And Execute A Live Project.

METHODOLOGY: The Process Involves **Social And Physical Mapping** Prior To The Design Proposal Presented To The Client. The Design Cell Has Worked On The Following Live Projects In 2022-23:

- Wall Painting Exercise for R/C Ward M.C.G.M
- Designed and executed the memorial wall at Hon. Balasaheb Thackeray Recreation Ground Chikuwadi, Borivali West.

ECO BRICKS INSTALLATION AT KESHAV SRISHTI

Our students at Keshav Shrushti explaining their designs to the trustees. The assignment was to design installations with eco bricks at Keshav Shrushti which will now be added to their campus.



MURAL WALL PAINTING
 BALASAHEB THACKERAY MANORANJAN UDYAAN



ACA DESIGN CELL
 BALASAHEB THACKAREY UDYAAN, CHICKOOWADI, BORIVALI WEST



ACA DESIGN CELL
 BALASAHEB THACKAREY UDYAAN, CHICKOOWADI, BORIVALI WEST



ACA DESIGN CELL
 BALASAHEB THACKAREY UDYAAN, CHICKOOWADI, BORIVALI WEST

The Faculty team of Ar. Salman Chouhan, Ar. Manali Rane and Ar.Jignesh Panchal along with Students Shrirang raut, Siddhart chopra, Anish shinde, Sejal sable, Shruti Nandoskar, Dhanvay Mhatre were felicitated by the guardian minister of the suburb Shri. Mangal Prabhat Lodha ji and Advocate MLA Shri Ashish Shelar ji. We thank Ho'nrrable M.P. Shri.Gopal Shetty sir for the Opportunity given and looking for Designing more Urban Intervention to serve the Public at large

EXAM COMMITTEE REPORT

Topic : Annual Report of Exam committee working

AIM : To run the examination related process smoothly and in line with the University deadlines. Exam related Process includes Form Filling, Smooth Conduct of Exams and Co-ordination and consolidation of the Assessment Output.

❖ **PURPOSE:**

- ✓ To follow the rules and regulations laid by University of Mumbai for B. Arch. , M.Arch & B.Voc. course.
- ✓ To organize for enabling students to give exams and get results ethically and without any difficulty.
- ✓ To enable smooth conduct of exams by timely follow ups with respective faculties.

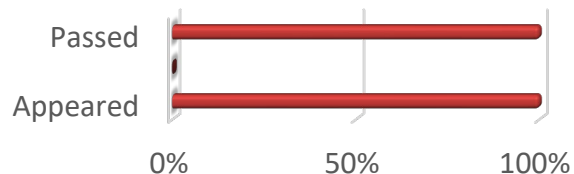
❖ **SCOPE:**

✓ Examination of eligible students and based on rules specified by relevant statutory bodies

❖ **RESPONSIBILITY OF EXAMINATION:**

- ❖ B.Arch : Ar. Salman Chouhan
Er.Soham Chowdhary, Ar.Manali Rane.
- ❖ M.Arch : Er. Soham Chowdhary
- ❖ B.Voc - Ar.Disha Barik
Ar. Nikita Nandeshwar
- ❑ Exam Admin - Ms. Chitra Padgaonkar

FINAL YEAR - PASS PERCENTAGE



EXAMINATION CONDUCTED – 2022-23		
DATE	TASK DESCRIPTION	STATUS
19TH APRIL 2022 TO 23RD APRIL 2022	APRIL 2022 EXAMINATION - Regular	CODUCED SUCCESSFULLY
8TH AUGUST 2022 TO 12TH AUGUST 2022	SEM 02 – REGULAR EXAMINATION	
15TH OCT 2022 TO 25TH OCT 2022	OCTOBER 2022 EXAMINATION - Regular	
4TH NOV 2022 TO 21ST NOV 2022	NOVEMBER 2022 UNIVERSITY EXAMINATION - Regular	
17TH DEC 2022 TO 22ND DEC 2022	SEM 03 – REGULAR EXAMINATION	
20TH FEB 2023 TO 25TH FEB 2023	FEBRUARY 2023 EXAMINATION - Regular	

❖ **COMMITTEE MILESTONES**

- ✓ Successfully Completing ISO Audit.
- ✓ Mumbai University Exam conducted smoothly

SEM 09-DESIGN JURY

HAPPY MOMENTS



OUR STARS SHINE IN **MUMBAI UNIVERSITY** B.VOC (INTERIOR DESIGN)
 FINAL YEAR EXAM. FINAL YEAR RANKERS IN 2021-2022.

SHUBHANGI PARATE
 CGPI 8.93
3RD RANK

DHANASHREE BHOIR
 CGPI 8.92
4TH RANK

THANKS TO THEIR GUIDANCE ACA IS PRODUCING UNIVERSITY RANKERS YEAR AFTER YEAR.....

AR RASIKA CHODANKAR
 I/C PRINCIPAL
 ADITYA COLLEGE OF ARCHITECTURE

DR. HARISHCHANDRA MISHRA
 FOUNDER TRUSTEE & CHAIRMAN
 ADITYA COLLEGE OF ARCHITECTURE



UNIVERSITY TOPPERS
 CONGRATULATIONS !

B.VOC –FINAL YEAR UNIVERSITY RANKINGS

SPECIAL PLANNING FOR INDIVIDUALS WITH DISABILITY / SPECIAL NEEDS



M.Arch. Viva Examinations conducted in Digital Mode

INTERNATIONAL DESIGN COMPETITION 2022

AIM: The Objective Of The International Design Competition Is To Create A **Global Socio-economic Awareness Amongst Students** And Inculcate In Young Minds A Design Philosophy That Intrinsically Instigates A **Sustainable Response To Design**.

METHODOLOGY : IDC 2022 – The Entries Are Judged By A Panel Of Eminent Architects From India And Abroad

THE BRIEF AND POSTER

ADITYA COLLEGE OF ARCHITECTURE, MUMBAI, PRESENTS
IDC 2022 DESIGN COMPETITION
 EVERYTHING WE DESIGN IS A RESPONSE TO THE SPECIFIC CLIMATE AND CULTURE OF A PARTICULAR PLACE – AR. NORMAN FOSTER

BUILDING ENVELOPE
THEME : A building envelope is the physical separator between the conditioned space and external environment. Building envelope play key role in a structure's energy efficiency and can account for up to 50% of the primary energy consumption. However, building envelopes are significantly more than this as they act as an integral part of the overall design and contribute to the identity of the structure in the skyline. Building skins also influence our emotions and behaviour within the enclosed spaces and govern our response to them. They are the language of structural and material expressions for buildings. Understanding the vital role of building envelopes in overall performance of structures along with its aesthetic and cultural functions, this year IDC intends to design the building envelope and its transformations. The architecture industry has witnessed a huge evolution in the building envelope trends in terms of form, materials, and installation technologies. There has been an ample variation in the traditional and contemporary building envelopes in respect of appearance, aesthetics, and thermal comfort.

The facade of the building is a manifestation of environment controls and technological advances for energy efficiency. Traditional building envelopes that use passive controlling techniques for indoors have governed vernacular architectural forms since millennia. However, in modern times active or semi-active control is achieved in the structures with the range of materials and various technical solutions. It is the result of hundreds of years of optimization to provide a comfortable shelter in a local climate using available materials and known construction methods.

For IDC 2022-23 the Participants, need to create a prototype of an architectural envelope for a building typology of their choice in the country of their residence. The structure maybe in the urban or rural context but must respond to the climatic as well as socio-cultural environment of the region. the participant must produce his/her own unique design.

SITE :
 Participants shall intervene on a site in the urban and geographical context of their choice.

DESIGN INTERVENTION :
 The proposed design intervention could be ranging from built form and landscape to urban renewal and systems. If the chosen intervention fits the scope of the brief the participants are encouraged to think on multiple scales.

FORMAT :
 • Submit (Upload) your entries using a maximum of 3 A3 sized sheets (Portrait Landscape). This shall NOT exceed a combined file size of 21 MB in PDF or JPEG format only, with the above submission specifications duly complied.
 • A non-fide certificate from your College/University/Institute certifying your admission (IOC) exceeding a file size of 1 MB)
 • All participant teams shall be given a Unique IDC code that you shall have to put in all your deliverables.

TEAMS :
 Participating Teams shall comprise of a maximum of 5 students and a minimum of 1 student.

AWARDS :
UNDERGRADUATE / B. ARCH STUDENTS CATEGORY:
 Student entries at the IDC 2022-23 shall receive Certificates and a Prize amount as follows:
WINNING ENTRIES:
 • 1st Place: INR. 50,000/-
 • 2nd Place: INR. 25,000/-
 • 3rd Place: INR. 15,000/-
 Citations: Certificates shall be awarded to 3 Exemplary entries.
WINNING ENTRIES will be published in ACA's COA approved publication for 2022-23.
REGISTRATIONS ARE FREE

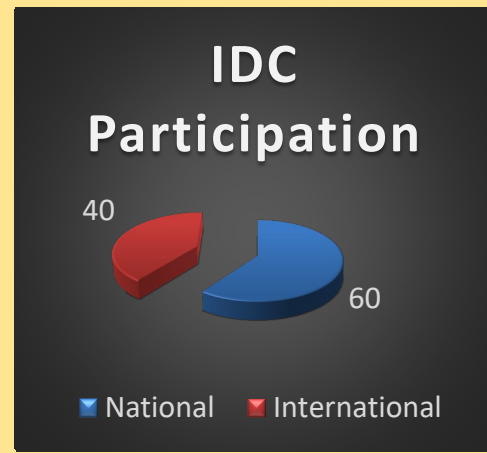
EXCLUSIVE YOUNG ARCHITECT CATEGORY:
 (Graduate/ M. Arch. Students and Recent B. Arch. Graduates)
 Writing entries will be published in ACA's COA approved publication for 2022-23.
 Citations: Certificates shall be awarded to 3 Exemplary entries.
NOTE :
 Copyright for all material received as part of the competition, its publication and for the reproduction of content shall be solely with ACA. All the entries will be the property of ACA.

IMPORTANT DATES :
STAGE 1:
 • Online Registration of entries on our website <http://adityacampus.org/idc/>
 • Registration closes on 19th December 2022
STAGE 2:
 • Last Date for online submission of entries is 19th Dec. 2022.
 • All submissions shall be made in PDF or JPEG format only.
 • Submissions shall be made only through the unique USER ID generated after registering on our website.
STAGE 3:
 • IDC Jury – 4th & 5th January 2023
STAGE 4:
 • Results declaration – 21st January 2023

CONTACT US : idc.aditya@aditya-arch.edu.in | www.adityacampus.org
 +91-22-352-06135 | @ADITYACAMPUS.IDC

COLLABORATORS: I G B C, Council of Architecture

THE PARTICIPATION

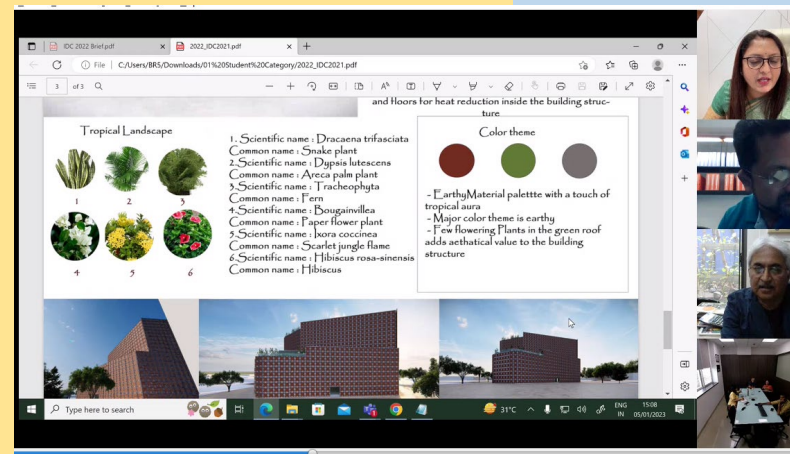


THE JURY AND WINNING ENTRY

Ar. Sanjay Patil
 Practicing architect in Nashik, Environ Planners

Ar. Ujjwala Hawre
 Practicing Architect and Director at Hawre engineers & Builders pvt.ltd. in Mumbai, Haware engineers and Builders pvt.ltd.

Ar. Damith Premathilake
 Architect and Academician from Sri Lanka.



CONGRATULATIONS
BUILDING ENVELOPE
IDC 2022 WINNERS

2nd POSITION
 G. BINAYA, Chennai
 Prize money INR.50,000

1st POSITION
 SHARANNIYA RAAJEEV, Chennai
 Prize money INR.50,000

3rd POSITION
 (GROUP ENTRY)
 ADITI RANAWRE ANKITA T, PRIYA SHINDE SAKSHI SHEDGE SAMIKSHA B, Pune
 Prize money INR.15,000

CONGRATULATIONS
BUILDING ENVELOPE
IDC 2022 WINNERS

1st CITATION
 MINAL SHAMIM, Pakistan

2nd CITATION
 (GROUP ENTRY)
 SANA HASSAN, Pakistan

INTERNATIONAL DESIGN & RESEARCH CONFERENCE 2022-23

AIM: The Objective Of The Third International Design And Research Conference IDRC 2022 was to create **Global Socio-economic Awareness** Amongst The Academic, Research, and Student Communities, to Investigate Research Outcomes Through the theme of **‘Building Envelope’**

METHODOLOGY: IDRC 2022-23 – The **Theme ‘Building Envelope’**, is based on the belief that the facade design plays an important role in the functionality of a building. A carefully designed facade will also play a central role in determining the energy efficiency of the building and the same had various sub themes.

IDRC Conference 2022-23 – “Building Envelope”

ADITYA COLLEGE OF ARCHITECTURE, MUMBAI PRESENTS
 ACA 3RD INTERNATIONAL DESIGN RESEARCH CONFERENCE

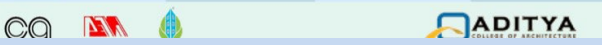
IDRC 2023
 THEME
BUILDING ENVELOPE

IDRC CONFERENCE

21.01.2023
 SATURDAY

 CHIEF GUEST Shri. Kedarnath Ghorpade Independent Consultant, Former Chief Planner MMRDA.	 GUEST OF HONOUR Ar. Deepak Chitnis Head of Design, Lodha Group
--	--

 SPEAKERS Ar. Damith Premathilake Founder, DPA Studio, Sri Lanka	 Ar. Sanjay Patil Principal Architect, Environ Planners	 Ar. Ujjwala Haware Director, Haware Engineers & Buildings Pvt. Ltd.
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Shri Keadrnathrao Ghorpade, Chief Guest –
 Independent Consultant, Former Chief Planner, MMRDA.



Ar. Deepak Chitnis, Guest of Honour -
 Head of Design, Lodha group.



COLLABORATIONS

CONFERENCE – 21ST January 2023.

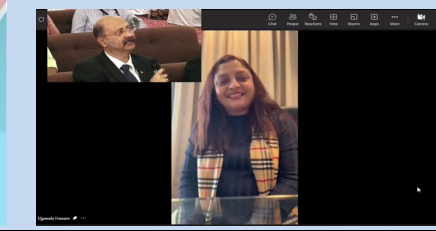
- 1 DAY OFFLINE CONFERENCE**
- Address by **Chief Guest-Shri Kedarnathrao Ghorpade.**
 - Address by **Guest of Honor- Ar. Deepak Chitnis.**
 - 3 speakers and 7 selected paper presenters.

ADITYA COLLEGE OF ARCHITECTURE, MUMBAI PRESENTS
 ACA'S 3RD INTERNATIONAL DESIGN RESEARCH CONFERENCE

IDRC 2023
 THEME:
BUILDING ENVELOPE

COMPENDIUM OF SELECTED 'ABSTRACTS' OF RESEARCH

Shodhaditya Publication



WORKSHOP COMMITTEE

AIM: To provide student with an opportunity of focused learning and hands on experience by inviting experts from industry and conducting the Faculty Development Program.

METHODOLOGY :

- Co-ordination with the Resource Person.
- Co-ordination with the Management and other Institutes for necessary arrangements to conduct Workshops..
- Team organizes the workshops and collects the feedback for betterment of Future.

ACA-ODD SEM WORKSHOP

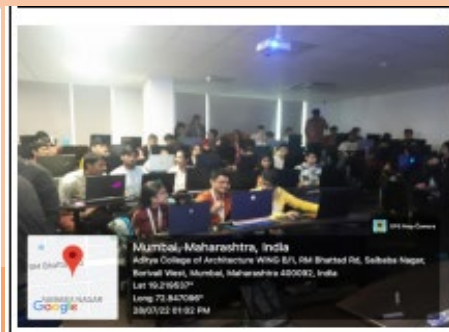
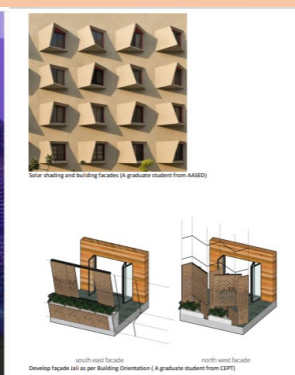
ODD SEMESTER

- Model Making
- Climate responsive Design
- Rhino & Grasshopper
- Bamboo Hand On Workshop

ACA BRIDGES WORKSHOP
3rd Year
Professional Expertise & Teaching at various Institutes in Mumbai. Contributed towards the development of Students in the field of Environmental Design and Research towards Passive Design.
14th, 15th & 18th JULY 2022
08:00 A.M - 2:30 P.M.
AR. PARAG SAVLA
PRINCIPAL ARCHITECT AT ARCHITECT SAVLA & ASSOCIATES

ACA BRIDGES WORKSHOP
5th Year
RHINO SOFTWARE
MR. SANDEEP PATHAK
28th - 30th July 2022
08:00 A.M - 2:30 P.M.
D23 DESIGN LOUNGE

ACA BRIDGES WORKSHOP
5th Year
RHINO SOFTWARE
MR. SANDEEP PATHAK
28th - 30th July 2022
08:00 A.M - 2:30 P.M.
D23 DESIGN LOUNGE



ACA BRIDGES WORKSHOP
2nd & 4th Year
BAMBOO WORKSHOP
AR. VINAYAK NABAR
28th - 30th Sept. 2022
08:00 A.M - 2:30 P.M.
BAMBOO U AMBASSADOR

ACA BRIDGES WORKSHOP
2nd & 4th Year
BAMBOO WORKSHOP
AR. VINAYAK NABAR
28th - 30th Sept. 2022
08:00 A.M - 2:30 P.M.
BAMBOO U AMBASSADOR



Bamboo models made by students in the hands-on workshop



WORKSHOP COMMITTEE


AIM: To provide student with an opportunity of focused learning and hands on experience by inviting experts from industry and conducting the Faculty Development Program.

METHODOLOGY :

- Co-ordination with the Resource Person.
- Co-ordination with the Management and other Institutes for necessary arrangements to conduct Workshops..
- Team organizes the workshops and collects the feedback for betterment of Future.

ACA-EVEN SEM WORKSHOP EVEN SEMESTER

- Induction week sketching workshop.
- 3-day hands on workshop on 'Space Perceptions'



ADITYA
COLLEGE OF ARCHITECTURE
MUMBAI - INDIA
ISO 9001-2015 CERTIFIED

Yatin Pandya's workshop on

HUMANE & SUSTAINABLE HABITAT

DATE
10th (Fri), 11th (Sat), 12th (Sun)
March 2023

TIME
9 am to 4 pm

VENUE
2nd Floor, Seminar Hall ACA

SPEAKER:
Ar. Yatin Pandya
Architect, Author,
Academician, Researcher



ADITYA
COLLEGE OF ARCHITECTURE
ISO 9001:2015 CERTIFIED

1ST YEAR B.Arch
BATCH 2022-23
FROM 1ST TO 7TH DEC 2022

INDUCTION WEEK

We cordially invite you to our

Day 1 Orientation & Seminar by Ar. Shishu S.
Day 2 Artistic Workshop & Heritage Visit
Day 3 Creative Workshop
Day 4 Creative Workshop
Day 5 Introduction to Student Council

ADITYA EDUCATIONAL CAMPUS
R. M. Bhattad Road, Ram Nagar, Borivali (West), Mumbai 400 092.



ACA BRIDGES – WEBINARS/SEMINAR

AIM: The Objective Of Conducting Webinars For Both ACA And B.voc Is To **Improve The Knowledge Base Of The Students And At The Same Time Expose Them To The Industry.**

METHODOLOGY : Webinars Are Conducted By Professionals On Subjects **Relevant To The Academics** Of Each Semester And The Expertise Of The Speaker .

ACA SEMINARS

ACA BRIDGES SEMINAR
Globalization & cultural cities
 DR. BINTI SINGH
 22ND JULY 2022
 TIME: 11:30 AM-1:00 PM
 VENUE: 2ND FLOOR, SEMINAR HALL
SEMINAR HIGHLIGHTS

- Understanding India as an urban locale of extraordinary historical importance
- New imaginaries of city life
- City's response to the global cultural influences
- Visions of urban future
- Influences of the city's past on the future visions

AR. BINTI SINGH ON GLOBALIZATION

ACA BRIDGES SEMINAR
AFFORDABLE HOUSING DESIGN & MANAGEMENT STRATEGIES
 By Ar. Gaurashi Sawant
 B.Arch. I M.Plan.
 08TH July 2022.
 Time: 11:30-1:00pm
 Venue: 2nd Floor, Seminar Hall.
Seminar Highlights :

- Affordable housing and policies around it
- Cost & design efficiency in affordable housing.
- Narrative around vertical and horizontal growth of cities connecting them to affordability

AR. GAURASHI S. ON AFFORDABLE HOUSING

23rd.
 September 2022.
 ACA BRIDGES SEMINAR
DESIGNING PUBLIC BUILDINGS
 Time: 08:30am TO 10:30am
 Venue: 2nd Floor, Seminar Hall, Aditya College of Architecture
 Speaker: Ar. Sachin Agshkar (Principal Architect At Sachin Agshkar Architects)

AR. SACHIN A. ON PUBLIC BUILDING DESIGN

ACA BRIDGES SEMINAR
 15Th
 March 2023
DESIGN TALK
 With Ar. Arjun Malik (PRINCIPAL ARCHITECT @MALIK ARCHITECTURE)
 TIME: 11:30 AM-1:30 PM
 VENUE: 2ND FLOOR SEMINAR HALL, ACA.

AR. ARJUN MALIK ON HIS VARIOUS PROJECTS



A GLIMPSE OF ACA BRIDGES SEMINAR ON AFFORDABLE HOUSING



STUDENTS AT ACA BRIDGES SEMINAR ASKING VARIOUS QUERIES

B.Voc WEBINARS

ACA BRIDGES
 B.Voc Sem 2 & 4
SEMINAR
 "ARE YOU READY TO START YOUR INTERIOR DESIGN BUSINESS" ?
 Ms:- Neha Garg
 2nd Feb 2023
 11:30 AM - 1:30 PM
 On 7th Floor Lecture Room

ACA BRIDGES
 B.Voc & B.Arch
SEMINAR
 Electrical System
 By:-Home Automation in GreatWhite Global Pvt Ltd.
 Speaker:- Ms.Neha Shah
 16th Feb 2023
 11:30 AM - 1:30 PM
 Seminar Hall 2nd Floor

ACA BRIDGES
 B.Voc Sem - 4
SEMINAR
 HUMANE & SUSTAINABLE HABITAT
 Ar. YATIN PANDYA
 10th March 2023
 9:00 AM - 2:00 PM
 2nd Floor Seminar Hall

WORKSHOPS

B.VOC conducted a series of workshops for its interior designing students in the ongoing academic year such as SET DESIGN, RENDERING TECHNIQUES, MIX MEDIA ART, BAMBOO WORKSHOP. The workshops aimed to provide hands-on experience and exposure to the latest techniques and approaches in the field of interior design.



SEMINAR

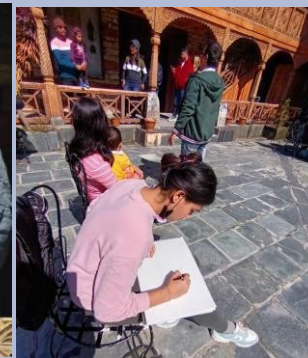


B.VOC organized a series of seminars along with workshops for its interior designing students in the ongoing academic year. The seminars aimed to provide insights into various aspects of interior design and their practical application, enabling them to broaden their knowledge base and apply these learnings in their future endeavours.

STUDY TOUR

The aim of these study tours was to provide the students with an opportunity to experience and learn about the rich cultural heritage and architecture of different regions. The students were able to explore and observe various architectural styles and design elements first-hand, enabling them to gain valuable insights and practical experience in their field.

- CHANDIGARH-MANALI
- AMRITSAR-DALHOUSIE-DHARAMSHALA



PROMOTION AND EVENTS

AIM: The team has been organizing various events; on ACA campus in all shapes and sizes; like every year in offline format like previous years. The events are also displayed as college events' post on social media and thus act as connecting medium to connect students and faculty and other colleges up-to-date.

SHIVSWARAJYA DIN – 6 June 2022

The program was held to felicitate the coronation ceremony of Chhatrapati Shivaji Raja on 6th June 2022 as per the circular issued.



Mumbai, Maharashtra, India
 Aditya College of architecture, WING B/J1, RM Bhattad Rd, Saibaba Nagar, Borivili West, Mumbai, Maharashtra 400092, India
 Lat 19.219553°
 Long 72.847096°
 06/06/22 12:14 PM



Mumbai, Maharashtra, India
 Aditya College of architecture, WING B/J1, RM Bhattad Rd, Saibaba Nagar, Borivili West, Mumbai, Maharashtra 400092, India
 Lat 19.219553°
 Long 72.847096°
 06/06/22 12:21 PM

The Yoga sessions were held from June to July 2022 and finally culminated with the participation in the International Yoga day held on 21 June 2022.

YOGA SESSIONS FROM JUNE –JULY 22



TEACHERS DAY – 5 SEPTEMBER 2022

TEACHERS' DAY -2022

WE CORDIALLY INVITE YOU
 ON MONDAY, 5TH SEP. 2022.

CHIEF GUESTS

DR. SHRI VIJAY KHOLE
 (Former Vice Chancellor, Mumbai University)

GUEST OF HONOUR

AR. SHRI. SANJAY RAZDAN
 (Founder, Sanjay Razdan And Associates Pvt. Ltd.)

SHRI. SACHIN KAMAT
 (Director, Enrich)

VENUE
 Ground Floor Banquet Hall,
 Aditya Group of Institutions, Borivili West.

The program was held to felicitate all the teachers at Aditya Group of Institutions. The AGI event saw the presence of **Chief Guest Dr. Shri Vijay Khole and Guest of Honour Ar. Shri Sanjay Razdan and Shri Sachin Kamat** who had exchanged their views about education in their times & the role of the teachers. The ACA event saw the presence of dignitaries like **Shri B K Chakravarthy**, Prof. IDC school of Design, **Dr. Shri Dilip Patil**, Retd. Director DLLE, Mumbai University and **Ar. Shri Yashwant Das**, Architect and Mentor.



INTERNATIONAL WOMEN'S DAY

This event was celebrated on 9th March 2023, Speakers Invited:

- **Dr. Bhagyasshri Kapse**, Dy Municipal Commissioner, BMC;
- **Dr. Latha Chari**, Professor, National Institute of Securities Markets;
- **Cdr. Prabha Lall (Retd)**, Productivity Evangelist & Thought Leader.

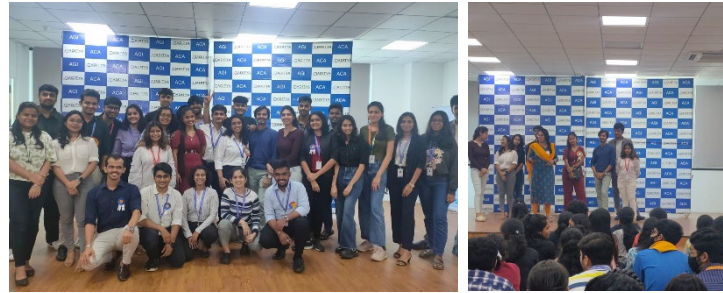


STUDENT COUNCIL – TEAM FORMATION & MAGAZINE

AIM: TO SELECT A STUDENT'S REPRESENTATIVE BODY WHICH WOULD MANAGE STUDENTS LED ACTIVITIES & INCLUSIONARY EVENTS.

COUNCIL CONCEPTION:

The members were chosen by a panel of faculty according to their strengths and capabilities. Teams were made and students were assigned heads under the following positions to serve the purpose of student collective of ACA.



STUDENT COUNCIL HANDOVER EVENT

EVENTS HANDLED:

- Independence day
- Christmas event
- Induction with first year
- College Days
- UDAAN College Festival

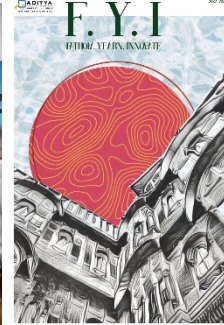


MAGAZINE – Fathom, Yearn, Innovate

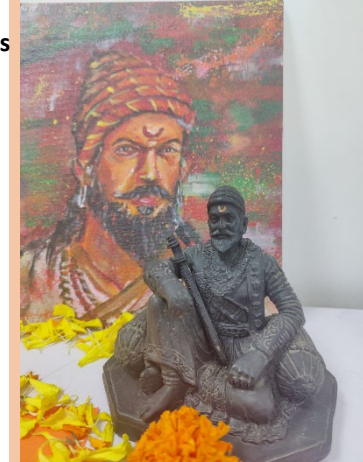
FYI vol. 4

Magazine include a variety of Innovative topics covering :

1. Interviews of eminent personalities and guests
2. Articles by students
3. Photographs by faculty and students
4. Thesis presentation
5. Abstract artwork
6. Conceptual ideas on Architectural Design presentation



RECENT EVENTS ORGANIZED BY STUDENT COUNCIL 2022-23



Shivswarajya din celebrated with various performances



Independence day 2023 was celebrated with flag hoisting and various cultural performances



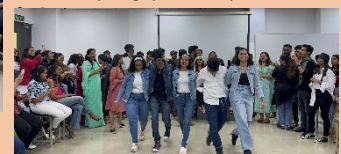
Christmas was celebrated with enthusiastic dance and singing performances by students



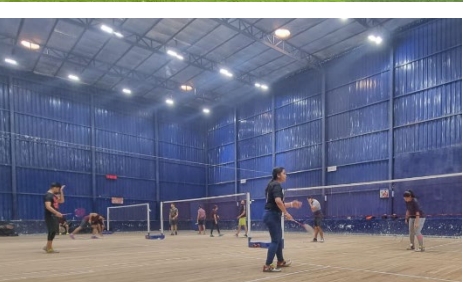
Student council celebrated induction week by organizing various days for all the years



Republic Day 2023 was celebrated with various inspiring speeches by students &



EXHIBITION OF STUDENTS WORK-19 DEGREE NORTH & MAGAZINE LAUNCH BY ARCHITECT & ACTOR RAJAN BHISE & AR. HRISHIKESH PHADKE

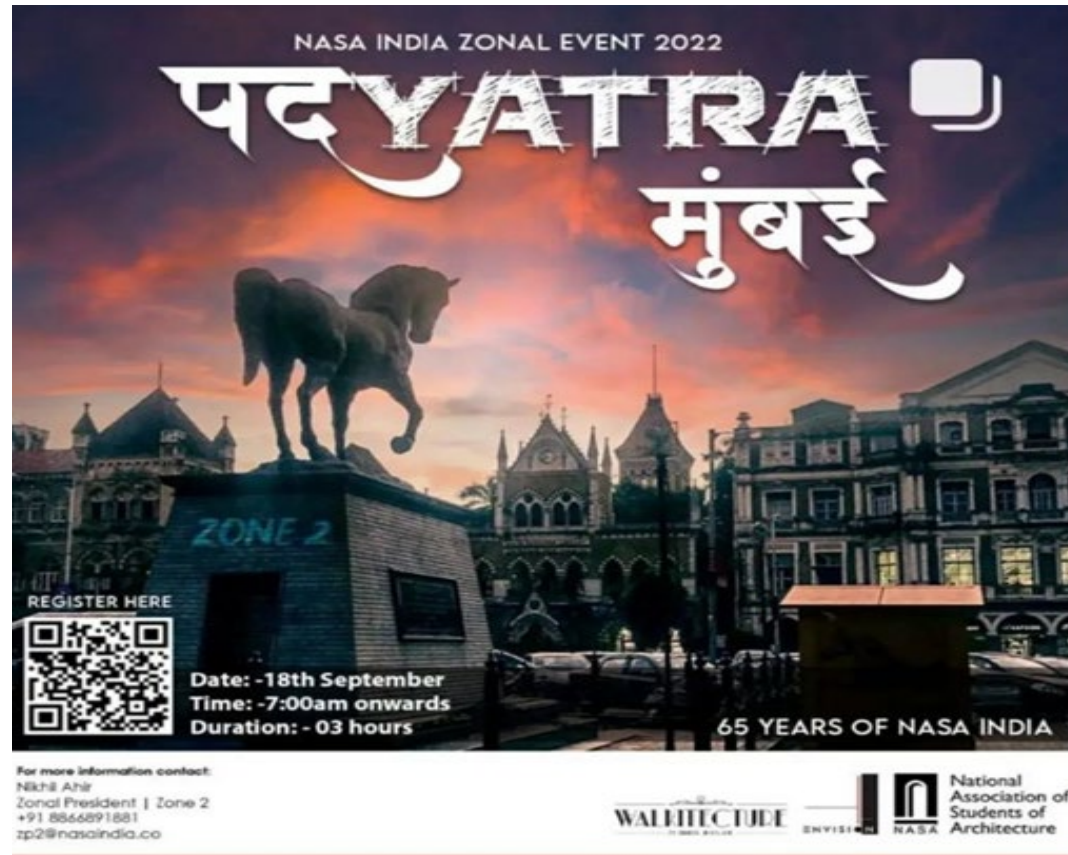
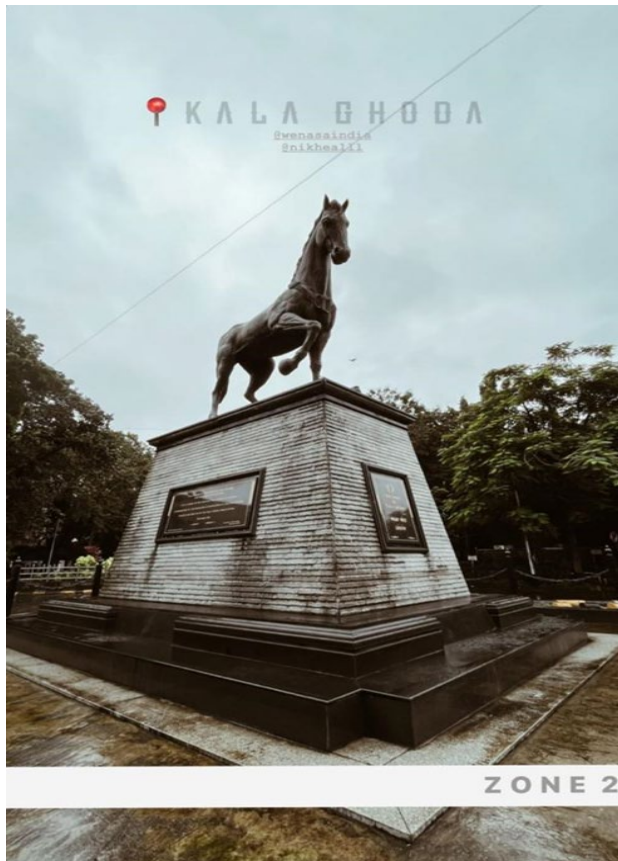


INDOOR & OUTDOOR SPORTS DAY EVENTS CELEBRATED IN UDAAN

NASA ACHIEVEMENTS

NASA : The National Association of Students of Architecture is a forum for undergraduate students of Architecture with a common aim and objective. It provides the students a platform for interaction where students from varied cultural backgrounds would learn and share knowledge. NASA now includes students of over 240 colleges from across the country.

PADHYATRA: The Padhyatra event was conducted by the architect named Nikhil Mahashur who has a great experience in this sector and have been organizing heritage walks and events like Padhyatra. Our college was one of the **“Host College”** for the event.



NASA ACHIEVEMENTS

NASA SHEETS

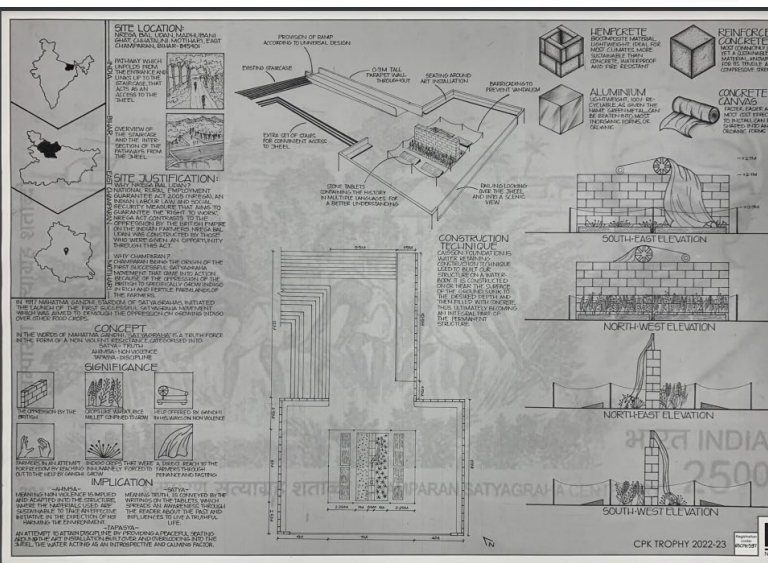
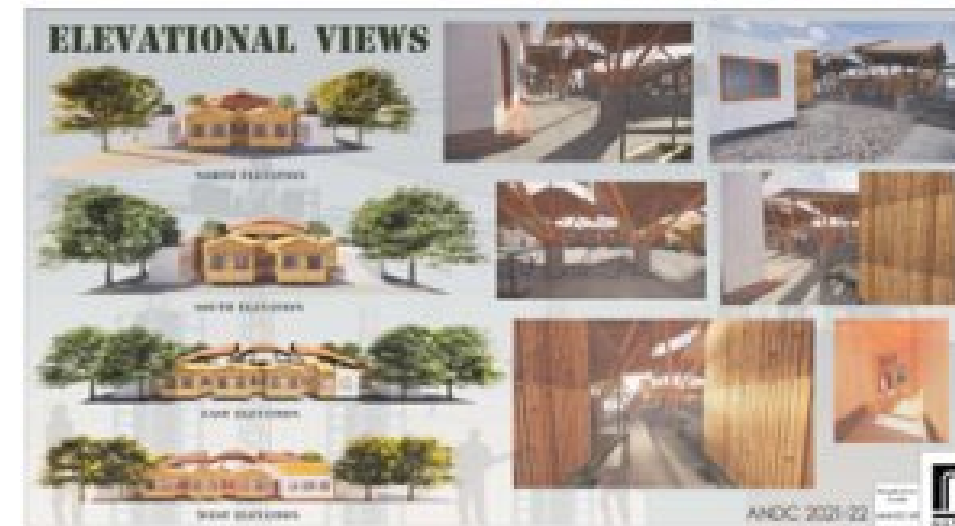
ANDC TROPHY BRIEF:

- Find any existing project undergoing construction employing a sizeable workforce.
- Design a mobile settlement to shelter these construction Labourers of the medium scale project.
- The design, most importantly, must address the core problems concerning safety, security, privacy and right to dignified lives for the labourers.



CPK TROPHY BRIEF:

Take your pick at an edifice or public space of pivotal importance and suggest how a design intervention can help encourage public interaction and conversations. The design must limit itself to a maximum of 75 feet (23 meters) in height, length and breadth.



CPK TROPHY

ANDC TROPHY

SOCIAL INITIATIVES

BEACH CLEAN UP : Our students participated in Beach Clean Up drive held in collaboration with Afroz Shah Foundation at Versova Beach.

CLEAN UP DRIVE
AT VERSOVA BEACH

OCEAN CLEANUP DRIVE



EXTRA CURRICULUM: NASA COMPETITION

ADITYA COLLEGE OF ARCHITECTURE

STUDY TOUR

1st Year Study Tour

AIM: The tour involved understanding planning of spaces related to local art forms and vernacular architecture for which photo documentation was done. Students experienced hands on workshop on Mud Construction (rammed earth wall, mud bricks and sustainable construction techniques). They overall enjoyed the tour along with studying and exploration of historical places, culture of the place, architectural characteristics, methods of documentation through other artistic means like photography, sketching and painting.

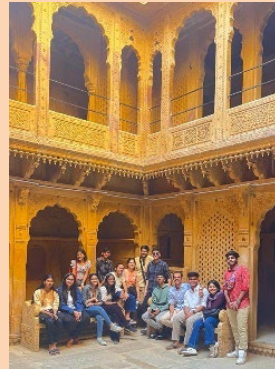
METHODOLOGY: Physical documentation of Nirona village & Chatardis through social mapping, measurement drawings, photographs and sketches, Hands on Workshop.



2nd & 3rd Year Study Tour

AIM: The tour involved understanding planning of different universities and experiencing firsthand the scale of the public buildings as per context. Students were also taught on site documentation of Bada Baugh in Jodhpur. By conducting interviews of the locals, creating measured drawings, sketching and photo documentation. The students produced representation of the same and learnt presentation skills of the same.

METHODOLOGY: Physical documentation of Bada Baugh through social mapping, measurement drawings, photographs and sketches.



5th Year Study Tour

AIM: To help students appreciate their field of study more and it really helps them better realize the interaction between their chosen fields of study to the rest of the world

Details: The tour involved understanding planning of historic temples and experiencing the same along with the development of market streets as per local and tourist requirements which included photo documentation.

METHODOLOGY: Physical documentation of markets places through social mapping, measurement drawings, photographs and sketches.



Faculty have enhanced their knowledge by attending FDP conducted by COA and other premier institutes including our institute.



The initiation of this FDP is to develop aspects of sustainability in Peri Urban zone designed by Ar. Chitra Vishwanathan., Govardhan Eco Village



Ar. Prasad Shetty explaining about spatial Research & Pedagogy

FACULTY DEVELOPMENT PROGRAMS

Faculty Development Program is to maintain efficiency of faculty to achieve excellent standards in academics. Also, it is important to cultivated research activity in addition to academic activity.

This initiation is for up-gradation of knowledge, skill and intends to provide opportunities for induction training to faculty.

Online COA-TRC FDPs give opportunity to acquire knowledge about current technological developments in relevant fields.



STP – Treated water is used for vegetation, Govardhan Eco Village



COA-TRC_LIVING INDIAN URBAN HERITAGE online FDP

ACA FACULTY DEVELOPMENT PROGRAM

SPATIAL RESEARCH & PEDAGOGY

AR. PRASAD SHETTY



AR. RUPALI GUPTA



AR. ROHIT MUJUMDAR



“ The initiation of this FDP is to develop aspects of critical thinking, innovation, research and investigation, collaboration and environmental awareness among all. ”

14TH OCTOBER 2022
 TIME: 08:00AM-2:00PM
 VENUE: 5TH FLOOR, LECTURE HALL

FDP highlights:

- Approach towards developing an engagement with various research components
- Developing ecosystemic thinking to link Spatial Research and Pedagogy
- Methodological Approaches
- Understanding research approach

FDP Objectives

1. Approach towards developing an engagement with various research components
2. Developing exosystemic thinking to link Spatial Research and Pedagogy
3. Methodological Approaches
4. Understanding research approach

The initiation of this FDP is to develop aspects of critical thinking, innovation, research and investigation, collaboration, and environmental awareness among all.



Review of Minutes of the Governing Council Meeting 2022

SUGGESTIONS BY GOVERNING COUNCIL MEMBERS

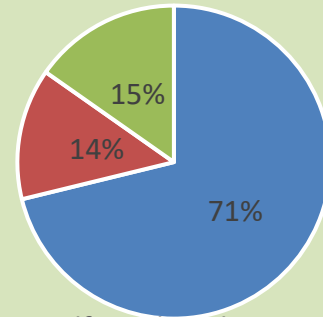
- Shri Ashish Mishra enquired about the update on NAAC
- Ar Rajeev Mishra suggested courses, which would integrate the advantage of AIMSRS for ACA with subjects like finance and management.
- He also suggested more Practicing Architects and designers to teach in B.Voc Interior course
- Ar. Sukumar Dharamadhikari suggested more Alumni association and encouraging Alumni Activities.
- He also suggested tying up with institutions or corporates for getting scholarships for the students.

- ACA has started preparation for NAAC,
- IQAC Committee has been formed
- Criteria Heads and team have started preliminary working.
- Timeline to complete the SSR by mid August 2023 for internal review.
- Institute Registration – end August 2023
- IIQA Submission & SSR Ready for Submission - mid September 2023.
- SSR Submission after IIQA acceptance

- AIMSRS –ACA Integration- AIMSRS faculty shared their expertise by teaching subjects in M.Arch. (Project Management)
- Bvoc Interior Design -Recruitment of more than 90% visiting faculty who are Practicing Architects/ Interior Designers.

Students of ACA have excelled in academics as well as the industry. Several of them are studying in the master's programme of premier institutes like Georgia tech, New Jersey Institute of Technology, Arizona State University & IEST. A majority of them are working in well established design firm like Architect Sandeep Shikre & Associates, Architecture Brio and Morphogenesis., Hafeez Contractor
 A few of them have also established their own practices and are entrepreneurs conducting seminars and workshops in architectural education.

Batch V 2017-2022

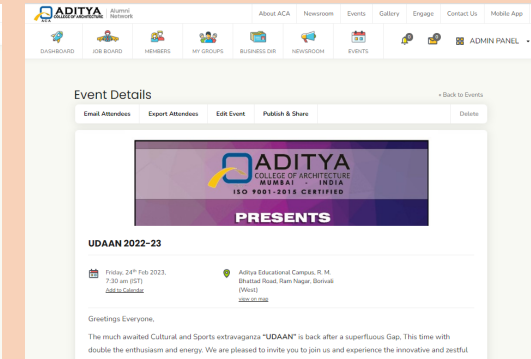
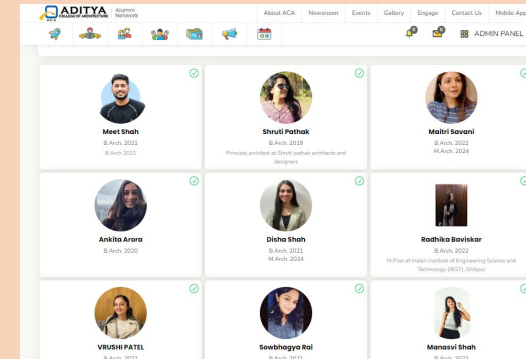


■ Service ■ Self Employed ■ Post Graduation

ACA ALUMNI PORTAL

Aca have Successfully launched ALUMNI Portal to bring all our Alumni under one umbrella. To stay connected and updated with all our students with the aim of establishing an active two-way network.

Within a month time we already registered with more than 100 students.



ACA ALUMNI CONNECT

The ACA ROOTS initiative by the Student Council, is connecting with alumni batches by inviting them for conducting seminars, workshops & other college events. Alumni batches were also invited for UDAAN college's Annual festival. They had actively participated in the cultural program & contributed their valuable comments on exhibition display. Also we have already started co-ordination to conduct 1st Alumni Meet in April 2023.



ADITYA COLLEGE OF ARCHITECTURE
 FIVE YEARS ROADMAP
 MH-67

AY 2022-2023

- TO BE NUMBER ONE COLLEGE IN MUMBAI
- ISO CERTIFICATION 21001
- NAAC REGISTRATION
- NEW COURSES



TIMES TOP EDUCATION INSTITUTES

AY 2023-2024

- NAAC ACCREDITATION
- COLLABORATIONS
- CHANGES AS PER NEP 2020
- INTER DISCIPLINARY TEACHING AND LEARNING



AY 2024-25

- CREATING RESEARCH CELL
- BOOK PUBLISHING.
- CREATING REPOSITORY OF VIDEOS AND ONLINE LECTURES IN ARCHITECTURE.

ACA FACULTY DEVELOPMENT PROGRAM

SPATIAL RESEARCH & PEDAGOGY

AR. PRASAD SHETTY	AR. RUPALI GUPTA	AR. ROHIT MUJUMDAR

AY 2025-2026

- STUDENTS AND FACULTY EXCHANGE WITH FOREIGN UNIVERSITIES
- HORIZONTAL AND VERTICAL INTEGRATION OF VARIOUS COURSES

AY 2026-2027

- ENVIRONMENTAL AND URBAN CONSERVATION
- STRENGTHENING OF RESEARCH AND DESIGN CELL

ACA's 9th International Design Competition 2022

BUILDING ENVELOPE

Ar. Ujjwala Haware
 Director, Haware Engineers & Builders Pvt. Ltd.

KNOW YOUR JUROR

AY 2023-2024

- NAAC ACCREDITATION
- COLLABORATIONS
- CHANGES AS PER NEP 2020
- INTER DISCIPLINARY TEACHING AND LEARNING

THANK YOU