Education is the manifestation of perfection already exists in human
Swami Vivekananda

Sinhgad Institutes

SINHGAD TECHINCAL EDUCATION SOCIETY'S

SINHGAD COLLEGE OF ARCHITECTURE, PUNE

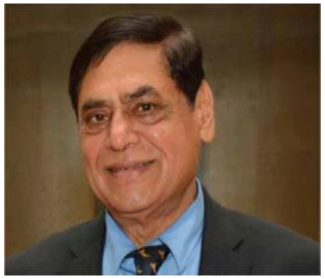
NAAC accredited

ANNUAL REPORT 2020-21

Recognized by the Government of Maharashtra (AR 6263)
Approved by the Council of Architecture (MH33)
Affiliated to the Savitribai Phule Pune University
(ID NO.PU/PN/Eng/1512000)

SINHGAD TECHNICAL EDUCATION SOCIETY

THE LEADERS



Prof. M. N. Navale
Founder President

Dr. Sunanda M. Navale
Founder Secretary

Mr. Rohit M. Navale
Vice President (HR)

Mrs. Rachana Navale Ashtekar
Vice President (Admin)

SINHGAD INSTITUTES

Committed to Offer
Quality Education
Pre-primary to Doctoral Studies

12 campuses
85 Institutes
7000+ faculty and staff
70,000+ students

SINHGAD COLLEGE OF ARCHITECTURE

TWO DECADES OF ACADEMIC EXCELLENCE

Established 2000

NAAC accredited

Approved by COA, GoM

Affiliated to SPPU

Offers

B. Arch.

(Since 2000-01)

(160 Intake)

M. Arch.

(Architectural Conservation)

(Since 2006-07)

(20 Intake)

M. Arch.

(Computer Applications)

(Since 2007-08)

(20 Intake)

PhD in Architecture

(Since 2011-12)

(intake 10)

OUR VISION

"to create an milieu for crafting sensible & responsible architects for the society"

OUR MISION

Committed to offer quality education in a conducive academic environment

to ***learn, demonstrate & progress*** *for* ***both students and teachers***

to provide all-round development

excellence in curricular program, co-curricular & extra-curricular activities

SCOA AT A GLANCE

Course	Commencement year	Intake COA 2020-21	Actual admission 20-21	no of students 2020-21	Alumni till 2019-20
B.ARCH. 4 DIVISIONS: A B C D	2000-01	160	158	730	1010
M.ARCH. (Architectural Conservation)	2006-07	20	20	29	107
M.ARCH. (Computer Applications)	2007-08	20	17	22	
PHD	2011-12	-		-	05
TOTAL				781	1122

SCOA AT A GLANCE: INTAKE

	Academic year	courses	intake
1	2000-01	B. Arch. Commenced	40
2	2001-02	B. Arch.	40
3	2002-03	B. Arch.	40
4	2003-04	B. Arch.	40
5	2004-05	B. Arch.	40
6	2005-06	B. Arch.	40
7	2006-07	B. Arch.	40
	(B. Arch (Interior Design) started	B. Arch. (ID) started with 40 intake	80
8	2007-08	B. Arch. & B. Arch. (ID)	80 (40+40)
9	2008-09	B. Arch. & B. Arch. (ID)	80 (40+40)
10	2009-10	B. Arch. & B. Arch. (ID)	80 (40+40)
11	2010-11	B. Arch. & B. Arch. (ID)	80 (40+40)
12	2011-12	B. Arch. & B. Arch. (ID)	80 (40+40)
	(B. Arch (Construction Management) started & 40 intake addition to B. Arch.)	B. Arch (CM) with 40 intake & B. Arch. additional intake	160 (40+40+40+40)
13	2012-13 (All B Arch)	B. Arch. (ID & CM converted to B. Arch)	160
14	2013-14	B. Arch.	160
15	2014-15	B. Arch.	160
16	2015-16	B. Arch.	160
17	2016-17	B. Arch.	160
18	2018-19	B. Arch.	160
19	2019-20	B. Arch.	160
20	**2020-21**	**B. Arch.**	**160**
		M.ARCH.	
1	2006-07	M. Arch. (Architectural Conservation) started	20
13	2007-18 (12 yrs)	M. Arch. (AC)	20
14	2018-20 (2 yrs)	M. Arch (AC)	10
	2020-21	**M. Arch. (Architectural Conservation)**	**20**
1	2007-08	M. Arch. (Computer Applications) started	20
	2008-18 (11 yrs)	M. Arch. (CA)	20
12	2018-20 (2 years)	M. Arch. (Computer Applications)	10
13	**2020-21**	**M. Arch. (Computer Applications)**	**20**
		PHD	
	2011-12	Phd Program started	

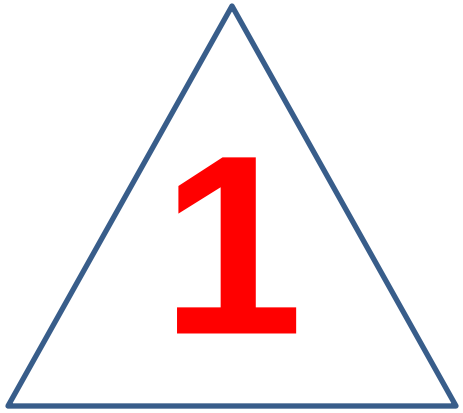
SCOA AT A GLANCE

NO OF STUDENTS AT SCOA				
YEAR	B.Arch.	M.Arch.	PhD	TOTAL
2012-13	566	15	5	591
2013-14	616	28	5	649
2014-15	672	30	5	707
2015-16	720	27	1	748
2016-17	758	20	1	779
2017-18	736	37	-	773
2018-19	747	27	-	792
2019-20	**706**	**36**	**-**	**742**

NAAC Accredited
CGPA 2.43
Grade B
Valid for 5 years from 2.11.18 till 1.11.2023)

NO OF ALUMNI AT SCOA				
Year	B.Arch.	M.Arch.	PhD	Total
2005-06	10	-	-	
2006-07	26	-	-	
2007-08	39	-	-	
2008-09	28	3	-	
2009-10	34	5	-	
2010-11	41	2	-	
2011-12	38	5	-	
2012-13	38	4	-	
2013-14	90	9	-	
2014-15	80	11	-	
2015-16	70	13	-	
2016-17	122	15	3	
2017-18	142	8	2	
2018-19	127	9	-	
2019-20	125	23	-	
Total	**1010**	**107**	**5**	**1122**

CRITEION I: CURRICULAR ASPECTS



Planning & Documentation of Curriculum delivery
Cross cutting issues integrated into curriculum

SCOA - EFFECTIVE IMPLEMENTATION POLICY

SPPU
(Savitribai Phule Pune University)

Curriculum Design
B. Arch. & M. Arch. syllabus 2019 Pattern

- BOS (Architecture) member – 1 faculty
- Subject Chairpersons – 4 faculty + M.Arch.
- Coordination of e-content for BCM V & VI
- Members for formulating detail syllabus of subjects

Revision: Time to time for 2019 Pattern

Academic Calendar

- date of commencement & conclusion of Term
- Examination

STES
(Sinhgad Technical Education Society)
Events and activity Calendar

SCOA
(Sinhgad College of Architecture)

Planning of Curriculum delivery

1. Time Table of each class
2. Comprehensive Schedule Semester wise for all-round development : curriculum, co & extra curricular
3. Hierarchical approach: Five-Tier system of implementation of curriculum
4. Allotment of Faculty as per prescribed teaching load

Implementation Mechanism

1. Teaching-Learning
2. Monitoring - Evaluation
3. Progress- Feedback, Reforms

CURRICULUM: SPPU SYLLABUS

SYLLABUS (formulated by SPPU)

B. Arch.

FIRST YEAR (2019 Pattern)

TERM I	TERM II
SEMESTER I • Basic design • Building Construction Material I • Theory of Structures I • Architectural Graphics and Drawing I • History of Architecture and Culture I • Communication skills • Workshop I • Audit course	**SEMESTER II** • Architectural Design I • Building Construction Material II • Theory of structures II • Architectural Graphics and Drawing II • History of Architecture and Culture II • Fundamentals of Architecture • Workshop II • Audit course

SECOND YEAR (2019 Pattern)

SEMESTER III • Architectural Design II • Building Construction & Materials III • Theory of Structure III • Computer Aided Drawing & Graphics • Building Services I • History of Architecture and Culture III • Climatology • Audit course	**SEMESTER IV** • Architectural Design III • Building Construction & Materials IV • Theory of Structure IV • Environmental Science • Building Services II • History of Architecture and Culture IV • Site Survey & Analysis • Audit course

THIRD YEAR (2019 Pattern)

SEMESTER V • Architectural Design IV • Building Construction & Materials V • Theory of Structure V • Building Services III • Landscape Architecture • Working Drawing I • Elective I (Contemporary Architecture) • Audit Course	**SEMESTER VI** • Architectural Design V • Building Construction & Materials VI • Theory of Structure VI • Building Services IV • Research in Architecture I • Working Drawing II • Elective I (Contemporary Architecture) • Audit Course

FOURTH YEAR (2015 Pattern)

SEMESTER VII • Design VII • Advanced Building Technology & Science I • Urban Studies I • Research in Architecture I • Quantity Surveying & Estimation I • Specification Writing I • Elective II	**SEMESTER VIII** • Design VIII • Advanced Building Technology & Science II • Urban Studies II • Research in Architecture II • Quantity Surveying & Estimation II • Specification Writing II • Elective III

FIFTH YEAR (2015 Pattern)

SEMESTER IX • Practical Training	**SEMESTER X** • Architectural Project (Thesis) • Elective IV (Management)

M. Arch. (Architectural Conservation)

FIRST YEAR (2019 Pattern)

SEMESTER I
- Conservation Studio I
- Elective I
- Introduction to conservation
- Material Culture Studies
- Planning Theory
- Structural Conservation I

SEMESTER II
- Conservation Studio II
- Elective II
- History, Theory and Criticism
- Conservation Management
- Research I
- Structural Conservation II

SECOND YEAR

SEMESTER III
- Conservation Studio III
- Research II
- Conservation Practices and Training
- Cultural Landscape
- Conservation Legislation
- Heritage Risk Assessment and Mitigation

SEMESTER IV
- Conservation Project
- Elective III

M. Arch. (Computer Applications)

FIRST YEAR (2019 Pattern)

SEMESTER I
- Digital Design Studio I
- Elective I
- Digital Tools & Techniques I
- Digital Design Theory I
- Automated Design
- Digital Fabrication

SEMESTER I
- Digital Design Studio II
- Elective II
- Digital Tools & Techniques II
- Digital Design theory II
- Research I
- Computer Graphics

SECOND YEAR

SEMESTER III
- Digital Design Studio III
- Research II
- Digital Practices & Professional Training
- Interaction Design
- Smart materials & advanced
- Computational Design Skills

SEMESTER I
- Project
- Elective III

FACULTY CONTRIBUTED IN CURRICULUM DEVELOPMENT AT SPPU

Teachers participate in SPPU curriculum development

- Member of BOS of SPPU
- Subject wise syllabus committee coordinator and members
- Subject wise e-content preparation coordinator and members
- curriculum revision committee coordinators and members
- Decision of curriculum portion distribution and Setting of question papers
- Members of Assessment /evaluation process of the affiliating University

Member of SPPU-BOS in Architecture		
1	Dr.Vaishali Latkar, HOD, M. Arch. (Architectural Conservation)	Member of BOS in Architecture
Member of subject wise SPPU syllabus committee (2019 pattern)		
1	Dr. Priyamvada Chitale, HOD, B.Arch.	Building Technology & Materials _ All years
2	Prof. Kalpana Hadap, Division Coordinator, B.Arch. Div A	Architectural Design & Principles of Architecture
3	Prof. Priti Dhanwat, Division Coordinator, B.Arch. Div C	History of Architecture
4	Er. Dakshayani Shete, Associate Professor	Building Technology & Materials and Theory of Structure

FACULTY CONTRIBUTED IN CURRICULUM DEVELOPMENT AT SPPU

SCOA hosted SPPU e-content syllabus meeting (II B Arch-2019 pattern)- Online	
Faculty Coordinator	**Subject**
Prof. Priti Dhanwat **Team – Ar. Mugdha Kulkarni**	HOA-II, HOA- III On 13.06.2020

SCOA faculty attending syllabus meeting
e-content of II yr. of SPPU preparation committee members

	Faculty	Subject
1	**Prof.. Kalpana Hadap**	Architectural design II and III
2	**Ar. Rohit Labhshetwar**	TOS III and IV
3	**Ar. Leena Jain**	BCM III and AD II
4	**Ar. Indrayani Dasare**	BS I
5	**Ar. Priti Dhanwat**	BS II
6	**Er. Dakshayani Shete**	BCM III, SSA, TOS IV, TOS III
7	**Ar. Priyanka Chavan**	Climatology , Environmental Science
8	**Ar. Asmita Kale**	BS II, Site survey and Analysis
9	**Ar. Gayatri Mangore**	BCM III & IV
10	**Ar. Mukta Pandit**	CADG
11	**Ar. Kirti Bajare**	AD III & IV
12	**Ar. Ketaki Badge**	HAC- III
13	**Ar. Trishna Mahadkar**	AD- II and AD- III
14	**Ar. Sanika Kulkarni**	BS-I

E-CONTENT DEVELOPED BY FACULTY FOR SCOA

E-CONTENT FOR SCOA -B.ARCH.		
Year	**Subject Name**	**Co-ordinating Faculty**
First Year	Basic Design	Ar. Tejas Joshi
	BCM-I	Ar. Priyanka Purohit
	TOS-I	Er. Dakshayani Shete
	Workshop	Ar. Aditi Mahajan
	History	Ar. Swapnapriya Barve
	Audit Course	Ar. Niketa Patil
	Communication Skills	Ar. Akshar Mendhe
	AGD-I	Ar. Sejal Desarda
Second Year	AD-III and IV	Ar. Trishna Mahadkar
	BCM III and IV	Ar. Leena Jain
	TOS III and IV	Er. Rohit Labhshetwar
	CADG	Ar. Mukta Pandit
	HOA-III and IV	Ar. Mugdha Kulkarni
	BS-I and II	Dr. P.N.Chitale
	Climatology	Dr. Manjusha Gokhale
	SSA	Er. Dakshayani Shete
Third Year	Design-V and VI	Prof. Kalpana Hadap
	BTM-V and VI	Ar. Pallavi Patil
	LA-I and II	Ar. Asmita Kale
	HOA-III and IV	Ar. Renuka Devi
	TOS-V and VI	Er. Dakshayani Shete
	WD-II	Ar. Sunit Thakare

E-CONTENT FOR SCOA- B.ARCH.		
Year	**Subject Name**	**Co-ordinating Faculty**
Fourth Year	Design- VII and VIII	Ar. Pranoti Lad
	ABTS-I and II	Prof. Priti Dhanwat
	PP-I and II	Ar. Neha Anwane
	US-I and II	Ar. Manasi Khope
	RIA-I and II	Ar. Shreyas Paranjape
	QSE-I and II	Ar. Priyanka Chavan
	SW-I and II	Ar. Kirti Bajare
	Elective-II Architectural Conservation	Ar. Avani Topkar
	Elective –II Digital Architecture	Ar. Avani Topkar
Fifth Year	ADP	Ar. Trishna Mahadkar
	Elective IV	Ar. Bijal Vakharia

E-CONTENT DEVELOPED BY SCOA TEACHERS FOR M.ARCH.

E-CONTENT DEVELOPED FOR M. Arch- AC		
Year	**Name of Subject**	**faculty**
First Year	Conservation Studio	Ar. Sonal Karanjikar
	Elective I	Ar. Ruchita Belapurkar
	Introduction to Conservation	Ar. Sonal Karanjikar
	Material Culture Studies	Ar. Gauri Bedekar Ruchita Belapurkar
	Urban Planning Presentation	Ar. Saurabh Agashe
	Structural Conservation	Ar. Poorva Patil
Second Year	Heritage Risk Assessment and Mitigation	Dr. Vaishali Latkar
	Conservation Studio-III	Ar. Sonal Karanjikar
	Conservation Practices and Training	Ar. Sonal Karanjikar
	Cultural Landscape	Ar. Poorva Patil

E-CONTENT DEVELOPED FOR M. Arch- CA		
Year	**Name of Subject**	**faculty**
First Year	Digital Design Studio-I	Ar. Shruti Dandage Ar. Snehal Gade
	Elective-I	Ar. Shruti Dandage
	Digital Tools and Techniques	Ar. Shruti Dandage
	Digital Design Theory-I	Ar. Snehal Gade
	Automated Design	Ar. Shruti Dandage
	Digital Fabrication	Ar. Snehal Gade
Second Year	Digital Design Studio	Dr. Smita Suryavanshi
	Research II	Dr. Smita Suryavanshi
	Digital Practices and Professional Training	Dr. Smita Suryavanshi
	Interaction Design	Ar. Ashwini Shitole
	Smart Materials and Advanced Construction	Ar. Ashwini Shitole
	Computational Design Skills	Dr. Smita Suryawanshi

ELECTIVE, AUDIT COURSES, ADD ON COURSES OFFERED

ELECTIVES: B. Arch. - Semester I – 2020-21		
		Topic
Elective II (Design, Technology)	Fourth Year B. Arch	Architectural conservation & Computer Application
B. Arch. - Semester II - 2020-21		
Elective I (Interior Design)	Third Year B. Arch	Interior Design
Elective III (Allied)	Fourth Year B. Arch	Environmental Psychology
Elective IV (Management)	Fifth Year B. Arch	Green Building Rating System

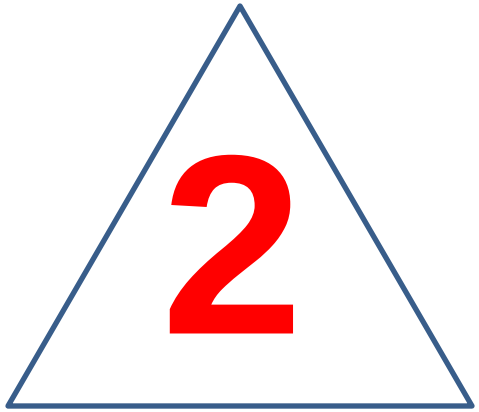
Add-on / Value Added Courses (Short-term courses): B. Arch.		
	Course	Duration
1	Responsive facade in digital architecture through Origami	11/01/2021-15/01/2021
2	Architecture Portfolio Making	18/01/2021 - 22/01/2021
3	Urban High Rise Residential Landscape	22/02/2021 – 26/02/2021

Audit Course for B.Arch. 2020-21 Semester I	
Subject	**Year**
Yoga	First year
Building science	Second Year
Semester II	
Indian Craft - Terracotta	First Year
Environmental Psychology	Fourth Year

RESOURCE PERSONS FOR SHORT-TERM COURSES

Internal Resource persons for Internal short-term Courses -2020-21			
	Titles	***Faculty***	***Date***
Add-On (Value Added) Courses			
1	Responsive Facades in Digital Architecture through Origami	Ar. Ashwini Shitole Ar. Shruti Dandage	11-15 Jan 2021
2	Architecture Portfolio Making	Ar. Mukta Pandit Ar. Bijal Vakhariya	18-22 Jan 2021
3	Urban High Rise Residential Landscape	Prof. Kalpana Hadap Ar. Trishna Mahadkar Ar. Asmita Kale Ar. Pallavi Patil	22-26 Feb 2021
Electives			
1	Environmental Psychology for Fourth Year B.Arch.	Dr. Priya Chitale, Prof. Kalpana Hadap, Prof. Priti Dhanwat, Dr. Manusha Gokhale, Dr. Banani Banerjee	Term II 2020-21
Audit Courses			
1	Indian Craft for First Year B.Arch.	Ar. Anuja Inamdar	Term II 2020-21

CRITEION II: TEACHING-LEARNING AND EVALUATION



Learning levels of students
Student-centric methods
Innovation & creativity
Continuous Internal Evaluation
Adhere to academic calendar
Attainment of PO PSO CO

PROGRAM OUTCOME (PO)

Program Outcomes (PO) (as per NBA)

Architecture Graduates will be able to:

PO 1. Architecture knowledge: Apply the knowledge of Basic Design principles, building materials, construction technology and services, structural engineering, natural and cultural environment and other architectural specializations to design and supervise to execute buildings.

PO 2. Problem analysis: Identify, formulate, review research literature, and analyse complex architectural problems reaching substantiated conclusions using architectural knowledge.

PO 3. Design/development of solutions: Design solutions for complex buildings that meet the specified needs with appropriate consideration for the users' health and safety, with cultural, societal, and environmental considerations.

PO 4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO 5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern IT tools for design, drafting and execution of architectural projects with an understanding of the limitations.

PO 6. The architect and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional architectural practice.

PO 7. Environment and sustainability: Understand the impact of the professional architectural solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO 8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the architectural practice.

PO 9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO 10. Communication: Communicate effectively on complex architectural activities with the architectural fraternity and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO 11. Project management and finance: Demonstrate knowledge and understanding of the architecture and project management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO 12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Program Specific Outcomes (PSO) (as per NBA)

At the end of the program, the student

PSO 1. Should be able to use the knowledge of Basic Design principles, natural and cultural environment, building material, construction techniques and services, structural engineering and other architectural specializations to design user and environment friendly buildings

PSO 2. Should be able to apply appropriate technical and specialized knowledge and modern software tools related to architecture to resolve real world problems

PSO 3. Should have the capacity to analyse, comprehend, design and supervise to execute buildings thus demonstrating professional ethics and concern for societal well being.

STRATEGIES FOR ADVANCED AND SLOW LEARNERS

Assessment and Evaluation to identify advanced and slow learners:

- 16 weeks academic program under SPPU
- COVID-19 pandemic situation, online teaching-learning going on
- Identification of advanced and slow learners through
    - Progressive review of attendance (overall and subject wise) and Academic performance
    - Mid-term and end-term performances

Initiatives for slow learners :

- remedial extra lectures and studios to complete works and upgrade quality
- PTA meeting conducted
- Mentors counseling

Incentives for advanced learners :

- Selected for various portfolio coordinators of Susamwad for co & extracurricular activities.
- institutes guide and encourage to participate in local, national and international design competitions, quiz, value added courses, workshops
- Publish research papers in Shodh sankalp (SCOA publication)
- Works are exhibited in college exhibition and to be uploaded in online college exhibition

MENTOR-MENTEE FOR B.ARCH.

MENTOR-MENTEE FOR B.ARCH. 2020-21			
Division	**Year**	**Teacher: student**	**Mentor-Mentee**
A	**First year**	1:20	Ar. Manasi Khope, , Ar. Aditi Mahajan
A	**Second year**	1:13	Ar. Tanmayee Panse, , Ar Priyanka Purohit
A	**Third year**	1:20	Ar. Akshar Mendhe,
A	**Fourth year**	1:20	Ar. Shreyas Paranjape, Ar. Rohit Labhshetwar
A	**Fifth year**	1:20	Ar. Avani Topkar, Ar. Pranoti Lad
B	**First year**	1:20	Ar. Indrayani Dasare, Ar Swapnapriya Barve
B	**Second year**	1:14	Ar. Leena Mutha,
B	**Third year**	1:16	Ar Bijal Vakharia,
B	**Fourth year**	1:16	Ar. Indrayani Dasare, Ar Pushkaraj Bankapure
B	**Fifth year**	1:23	Ar Pallavi Patil, Ar Anuja Gurjar
C	**First year**	1:20	Ar. Ketaki Badge, Ar. Rutuja Pawale
C	**Second year**	1:14	Ar. Manjusha Zalte,
C	**Third year**	1:20	Ar. Sunit Thakare, Ar Jhanavi Dhage
C	**Fourth year**	1:20	Ar. Sanika kulkarni, Ar. Kavita Patil
C	**Fifth year**	1:20	Ar. Trishna Mahadkar,, Ar, Dakshayani Shetye
D	**First year**	1:20	Ar Tejaswini Jangale
D	**Second year**	1:15	Ar Asmita Kale , Ar Tejaswini Jangade
D	**Third year**	1:20	Ar Mukta Pandit, Ar Priyanka Chavan
D	**Fourth year**	1:17	Ar Sejal Desarda
D	**Fifth year**	1:20	Ar Kirti Pawar, Ar Siddhesh Sable

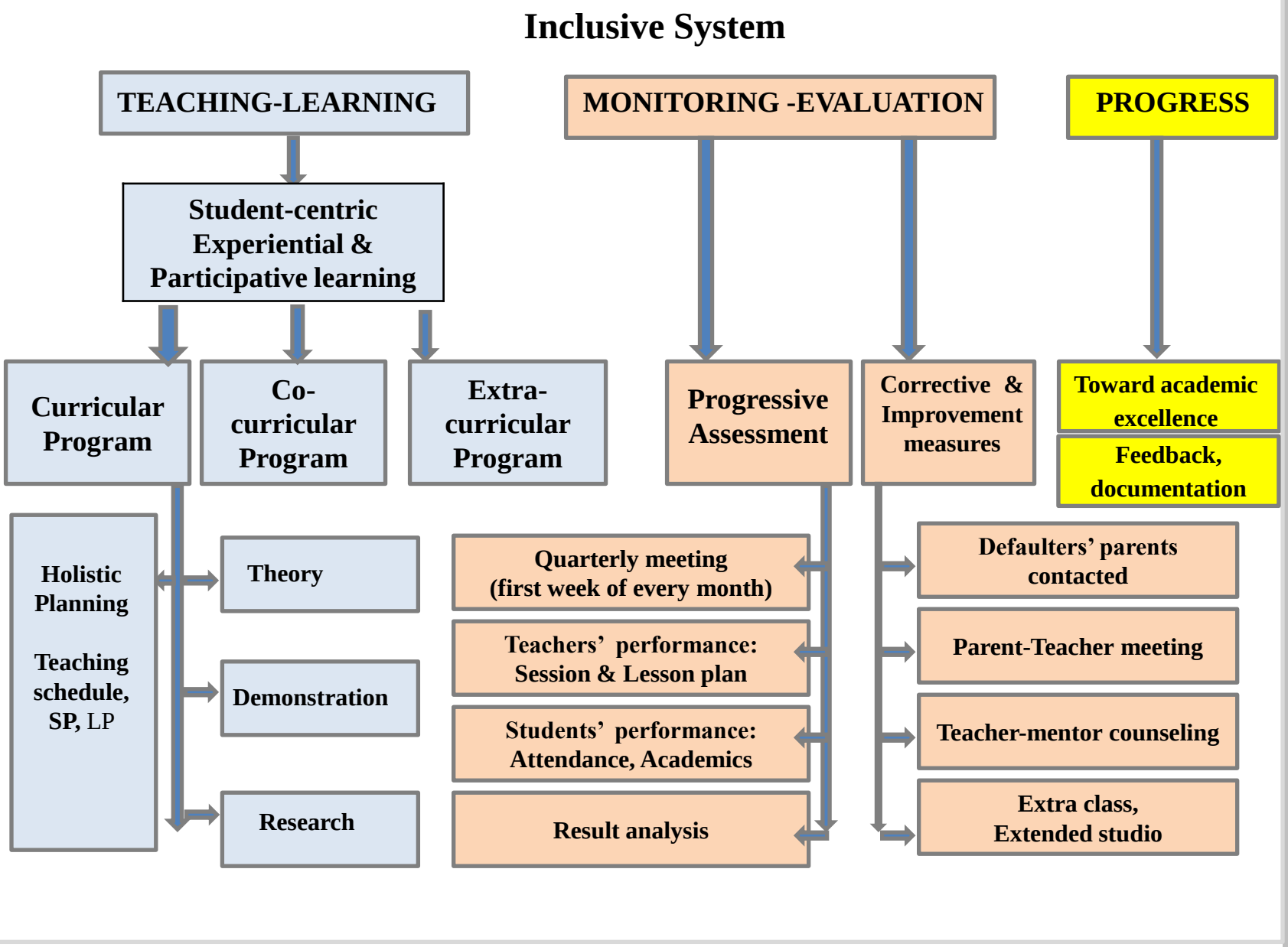
FACULTY & STAFF

SCOA FACULTY & STAFF 2020-21 (Eligibility as per COA norms)				
	FACULTY	/ COA	@ SCOA	
1	**Principal**	1	1	1
	B.ARCH.			
2	**Professor**	5	5	
3	**Associate Professor**	13	13	
4	**Assistant Professor**	38	38	
	Total		56	56
	M.ARCH. (Architectural Conservation)			
5	**Professor**	1	1	
6	**Associate Professor**	1	1	
7	**Assistant Professor**	3	3	
	Total		5	5
	M.ARCH. (Computer Applications)			
8	**Professor**	1	1	
9	**Associate Professor**	1	1	
10	**Assistant Professor**	3	3	
	Total		5	5
	Grand Total			67
	STAFF			
11	**Librarian & Asst. Librarian**		1+1	
7	**Admin & Finance staff**	As per COA norms		
8	**Peons & sweepers**			

TEACHING-LEARNING OBJECTIVE

TEACHING-LEARNING OBJECTIVE All-round Development & Academic Excellence		
CURRICULAR **SPPU Program**	***CO-CURRICULAR*** **Supporting Curricular**	***EXTRA-CURRICULAR*** **All-round Development**
Teaching- learning 1. Theoretical: classroom teaching 2. Practical / Demonstration: Studio 3. Research: in-depth study • individual / group assignments • Beyond classroom **Evaluation** 1. Progressive assessment 2. Jury, examination 3. Parents-Teachers meeting 4. Teacher-mentor counseling **Progress** 1. Feedback 2. Reform **Documentation** 1. Students' works 2. Academic	Site Visit Study Tour Hands-on Workshop Seminar Conference Competition Guest / Expert Lecture Reading sessions Quiz, Debate Group Discussions Exhibition Wall Magazine News Letter Annual Magazine Induction, Orientation Convocation NASA	Sports Cultural Freshers' Welcome Farewell function Alumni Association Movie club Social Welfare Program Eco-club

CURRICULAR DELIVERY FRAMEWORK

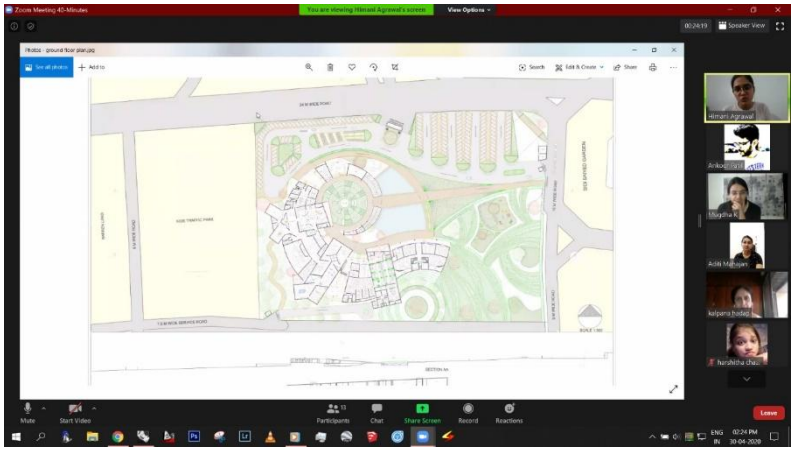


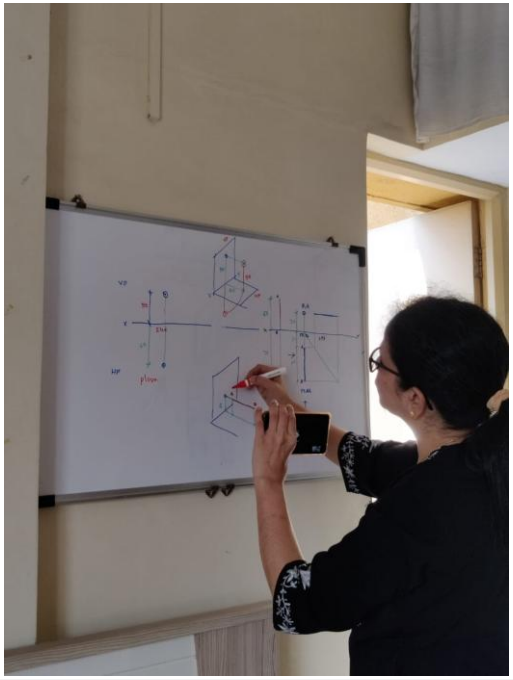
ACADEMIC: 2020-21

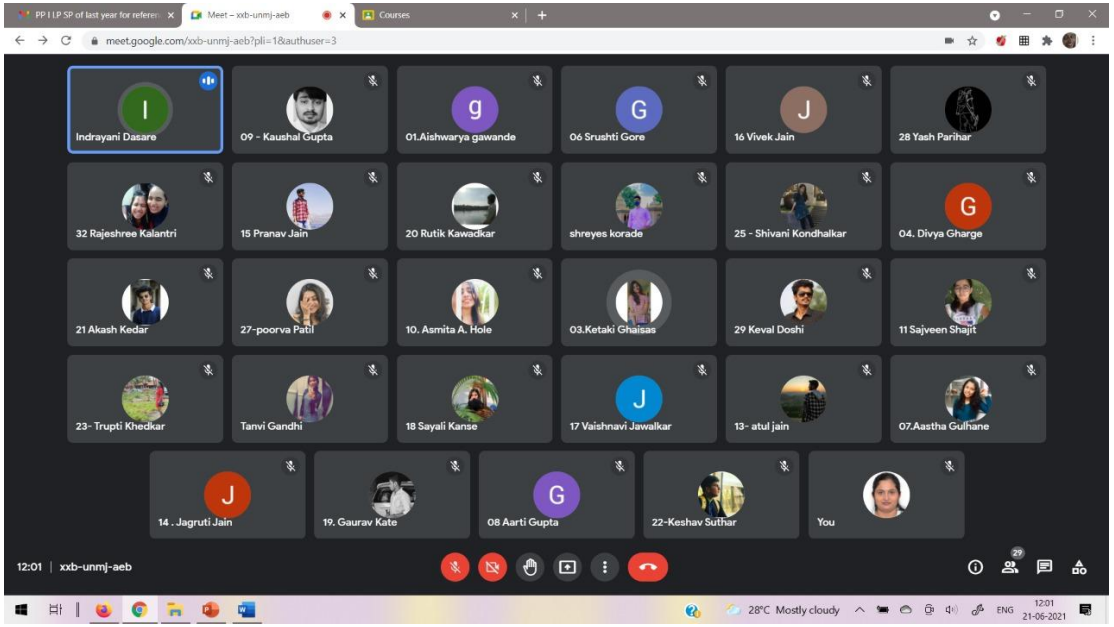
ONLINE

EXPLORING ONLINE THE FULLEST

ACADEMIC: 2020-21 - ONLINE: Work from Home

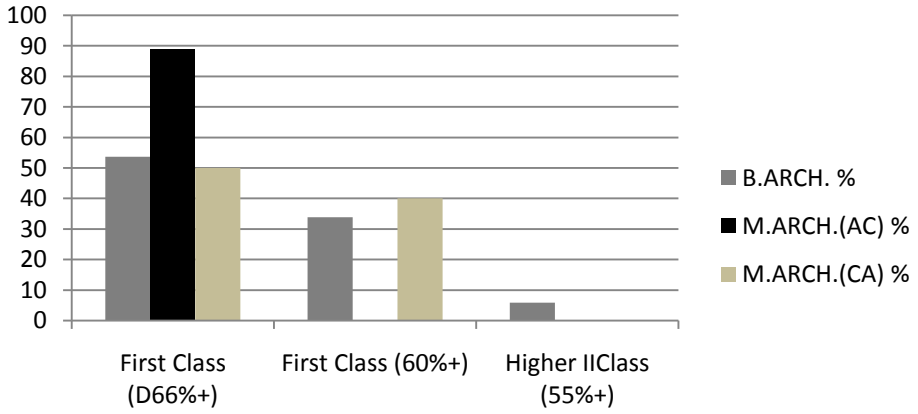






RESULT ANALYSIS: B.ARCH. & M.ARCH. Final Year 2019-20

	B.ARCH.		M.ARCH.(AC)		M.ARCH.(CA)	
	NOS.	%	NOS.	%	NOS.	%
First Class (Distinction– 66%+)	73	**53.67**	8	**88.88**	5	**50**
First Class (60%+)	46	**33.82**	-		4	**40**
Higher Second Class (55%+)	8	**5.88**	-		-	
Second Class (50%+)	1	**0.73**	-		-	
Fail/ ATKT/Pending	8	**5.88**	1	11.12	1	**10**
Total	136		9		10	



FACULTY: B.ARCH.

Dr. Banani Banerjee
Principal

Ar. Pranoti Lad
Associate Professor

Ar. Pallavi Patil
Associate Professor

Ar. Namrata Khairo
Assistant Professor

Dr. Priyamvada Chitale
Professor, H.O.D.(B.Arch)
& Division Coordinator (D)

Ar. Trishna Mahadkar
Associate Professor

Ar. Manjusha Zalte
Associate Professor

Ar. Mukta Pandit
Assistant Professor

Ar. Kalpana Hadap
Professor &
Division Coordinator (A)

Ar. Anuja Inamdar
Associate Professor

Ar. Avani Topkar
Associate Professor

Ar Manasi Khope
Assistant Professor

Dr. Manjusha Gokhale
Professor &
Division Coordinator (B)

Er. Dakshayani Shete
Associate Professor

Ar. Kirti Bajare
Assistant Professor

Er. Rohit Labhshetwar
Assistant Professor

Ar. Priti Dhanwat
Professor &
Division Coordinator (C)

Ar. Asmita Kale
Associate Professor

Ar. Leena Jain
Assistant Professor

Ar. Akshar Mendhe
Assistant Professor

Ar. Kavita Patil
Professor & CEO

Ar. Priyanka Chavan
Associate Professor

Ar. Anushree Riswadkar
Associate Professor

Ar. Tanmayee Panse
Assistant Professor

Ar. Niketa Patil
Assistant Professor

Ar. Shreyas Paranjape
Assistant Professor

FACULTY: B.ARCH.

Ar. Ketaki Badge
Assistant Professor

Ar. Tejaswini Jangale
Assistant Professor

Ar. Janhavi Dhage
Assistant Professor

Ar. Avanti Kale
Assistant Professor

Ar. Aditi Mahajan
Assistant Professor

Ar. Samvedana Jadav
Assistant Professor

Ar. Swapnapriya Barve
Assistant Professor

Ar. Ankoor Sakhare

Ar. Gayatri Bankapure
Assistant Professor

Ar. Ashish Sakat
Assistant Professor

Ar. Rutuja Pawale
Assistant Professor

Ar. Anuja Gurjar
Assistant Professor

Ar. Sanika Kulkarni
Assistant Professor

Ar. Ila Shenda
Assistant Professor

Ar. Pushkaraj Bankapure
Assistant Professor

Ar. Chaitrali Deshpande
Assistant Professor

Ar. Bijal Vakharia
Assistant Professor

Ar. Sarika Thakur
Assistant Professor

Ar. Piyush Chorbele
Assistant Professor

Ar. Poonam Pasare
Assistant Professor

Ar. Sejal Devarda
Assistant Professor

Ar. Indrayani Dasare
Assistant Professor

Ar. Saajan Mehta
Assistant Professor

Ar. Ramakant Bhutada
Associate Professor

Ar. Tejas Joshi
Assistant Professor

Ar. Siddhesh Sable
Assistant Professor

Ar. Sunit Thakre
Assistant Professor

Ar. Narendra sardespande
Assistant Professor

FACULTY: M.ARCH.

M. Arch. (Architectural Conservation)

Dr. Vaishali Latkar
Professor & H.O.D. (M.Arch)

Ar. Sonal Karanjikar
Associate Professor

Ar. Poorva Patil
Assistant Professor

Ar. Shreeamay Phadnis
Assistant Professor

M.Arch. (Computer Applications)

Dr. Smita Suryavanshi
Professor & H.O.D. (M.Arch)

Ar. Anita Kavathekar
Associate Professor

Ar. Shruti Daudage
Assistant Professor

Ar. Ashvini Shitole
Assistant Professor

Ar. Snehal Gade
Assistant Professor

NON-TEACHING STAFF

Mrs. Shobha Shetty
Librarian

Mrs.Sayali .R.Shivarkar
Asst.Registrar

Mr. Nilesh Vaidya
Computer Technician

Mrs.Rajeshree.R.Deshmukh
Junior Clerk

Mrs.Rutuja .P.Hajare
Account Clerk

Mrs.ShilpaBhujbal
Account Clerk

Mr.Hanmant Yadav
Junior Clerk

Mr.Pankaj Mane
Junior Clerk

Mrs.Vandana Mali
Junior Clerk

Mr. Sunil Kadbane

Mr. Ganesh Jadhav

Mr. Khandu Kale

Mr.Somnath Nalawade

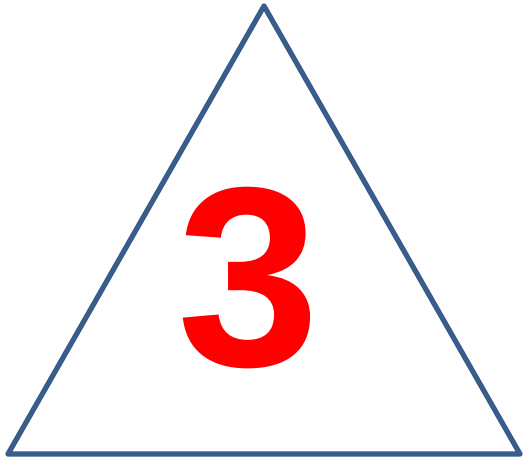
Mr.Machindara Bansode

Mrs.Lilabai Bhosale

Mr.Balram Gaikwad

Sinhgad Institutes
Celebrating 25 Years OF ACADEMIC EXCELLENCE

CRITERION III: RESEARCH, INNOVATION AND EXTENSION



Research Committee
Collaborations
Extension activities

RESEARCH & PhD CELL

Internal Research Committee (IRC) of SCOA 2020-21			
	Faculty	***Designation***	***Position***
1	**Dr. Banani Banerjee**	Principal	Chairman
2	**Prof. Priti Dhanwat**	Professor	Academic Research Coordinator (ARC)
3	**Dr. Priyamvada Chitale**	H.O.D, B.Arch.	B. Arch Research Coordinator
4	**Dr. Vaishali Latkar**	H.O.D, M. Arch. (AC)	M. Arch Research Coordinator
5	**Dr. Smita Suryawanshi**	H.O.D, M. Arch. (CA)	M. Arch Research Coordinator
6	**Dr. Manjusha Gokhale**	Professor	Member

PhD

- SCOA PhD centre under SPPU
- 5 completed (SPPU, CEPT, Nagpur)
- 4 Pursuing (different Universities)

Research paper presentation & publication in

- Conferences
- Journals

Publication: Print & Online available in college website

- Shodh-Sankalp – selected research papers of students
- Annual Magazine Abhivyakti
- Annual Report

Documentation: Print & Online available in college website

- Virtual study tour report

FACULTY DEVELOPMENT

FACULTY DEVELOPMENT
Aim:
To Create opportunities for faculty to be experts and resource persons
Objectives:

- Inclusive programs at SCOA
  - to tap resources to train junior faculty
  - Conferences
  - Research: BCUD, PhD
  - VAC
  - ELECTIVES
  - AUDIT COURSE
- Exclusive training programs by guest / experts
- TTPs – faculty sponsored to attend with paid leave
- CONSULTANT, EXPERTISE
- COLLABORATIONS

Faculty attended COA-TTP 2020-21			
	Faculty	***COA-TTP Titles***	***Date***
1	Ar. Leena Jain	Conscious induction of skills in architectural pedagogy: The need of the time BY Symbiosis skills and professional university, SOA, Pune	15 to 21.6.20
2	Ar. Asmita Kale	Advanced Building services BY Dayananda Sagar College of Architecture, Bengaluru	2 & 3.7.20
3	Ar. Asmita Kale	Research paper formulation and process BY Aditya College of Architecture, Mumbai	19.9.20
		2019-20	
7	Ar. Avani Topkar	Teaching Indian Architectural History - Coordinated by SCOA M.Arch. (AC) at COA-TRC Pune	11 to 15.5.20
8	Ar. Poorva Patil		
9	Ar. Aditi Mahajan		
10	Ar. Asmita Murkute		
11	Ar. Mugdha Kulkarni		

FACULTY DEVELOPMENT PROGRAMS: Faculty attended

Faculty attended FDP				
	faculty	***Organizer***	***Topic***	***Dates***
1	**Ar. Pallavi Patil**	Smt. Kashibai Navale College of Architecture	The Green Thread	6 June 2020
2	**Er. Rohit Labhshetwar**	Sinhgad College of Engineering, Pune	How to write a research paper	18 July 2020
3	**Ar. Leena Jain**			
4	**Ar. Niketa Patil**			
5	**Ar. PriyankaChavan**	Tulsiramji Gaikwad- Patil college of Architecture	Climate responsive settlement planning	23 - 27 June 2020
6	**Ar. Anuja Gurjar**	S B Patil College of Architecture & Design	Hospital Design	29 June 2020
7	**Ar. Pallavi Patil**			
8	**Ar. PriyankaChavan**	SPPU	D.R.O.P. -Research methodology	9 -14 July 2020
9	**Ar. Asmita Kale**			
10	**Ar.Aditi Mahajan**			
11	**Ar.Avani Topkar**			
12	**Ar. Asmita Kale**	REVA University	Heritage Stories-Rediscovering, Karnataka's cultural heritage	23 - 25 July 2020
13	**Ar. Asmita Kale**	School of Architecture, Ramaiah Institute of Technology, Bangalore	Rediscovering Urban Landscape	27 - 31 July 2020
14	**Ar. Asmita Kale**	ICOMOS India and SCOA	Effectiveness of Traditional knowledge System In Disaster Management	23 - 24 Nov 2020
15	**Ar. Avani Topkar**			
16	**Ar. Trishna Mahadkar**	SPA Bhopal	Ecocultural Restoration of Riparian Landscape	06 - 11 Jan 2021
17	**Ar.Aditi Mahajan**	SPPU	Literature Search	11 March 2021
22	**Ar. Avani Topkar**			
23	**Ar.Aditi Mahajan**	SPPU	Reference Management Tools and Literature Review	27 March 2021
24	**Ar. Asmita Kale**			

INTERNAL FACULTY DEVELOPMENT: Online Inclusive programs

Internal Faculty Development Program: 2020-21			
	workshop/ seminar	***Resource Persons***	***Date***
1	SPPU-BOS Workshop - History of Architecture (SCOA - host college)	Faculty	13/6/2020
2	SPPU-BOS Workshop - Building Services	Faculty	4/7/2020
3	IPR Session by guest speaker	Dr. Ananya Bibave	9/10/2020
5	Training on Microsoft Teams online platform	Er. Rohit Labhshetwar	14/10/2020
6	Training by Guest speaker on Microsoft Teams	Ar. Ajinkya Niphadkar	15/10/19
7	Parametric & Product Design by M. Arch (CA)		20/10/2020
8	Thesis Guidance for B.Arch. Guides/Co-guides	Senior faculty	11/12/2020
9	Thesis Guidance to final year B.Arch. students	Thesis examiners and coordinators	22 & 23/12/2020
10	Anti-plagiarism software online demo		12 /02/2021

Faculty - Research published in national/ international conference proceedings

Faculty - Research published in 2020-21 national/ international conference proceedings						
International						
	Faculty	***Title of the paper***	***Title of the proceedings***	***Name of conference***	***ISBN/ISSN***	***Affiliating Institute at the time of publication***
1	**Dr. Priyamvada Chitale**	Travel to school –Increased Urban Mobility or School Choice	SPARKS International conference on architecture & beyond	ICAB 2021	ISBN 978-81-949173-0-4	Sasi School of Architecture, Coimbatore
	National					
2	**Ar. Anuja Gurjar**	Going Green: Reduce Carbon Footprint At Neighborhood Level	An Approach to Urban-Regional Planning & Development	ekistics	ISBN: 978-8193774946	Jamia Millia Islamia New Delhi, INDIA
3	**Ar. Ankoor Sakhare**	Analyzing Energy Consumption Pattern And Compensating With Rooftop Solar PV For Chaitraban (Indra Nagar) Slum, Pune	Research in Architecture	NSCRA	ISSN: ISSN:2319-6890	Ajeenkya D Y Patil University, Pune & MASA
4	**Ar. Priyanka Chavan**	Rethinking The Linear Process Of Design	Empirical Theories in Architecture, Planning & Construction Management	NCET-2020	ISBN: 978-93-5416-259-6	Allana college of Architecture, Pune
5	**Ar. Neha Anwane**	Innovative Teaching Methods And Trends Constraints As An Opportunity In Design Process	Empirical Theories in Architecture, Planning & Construction Management	NCET-2020	ISBN: 978-93-5416-259-6	Allana college of Architecture, Pune
6	**Er. Dakshayani Shete**	Learning through Experiences: An innovative teaching tool applied for SY B Arch technical subjects	Urban Development & Planning	Skill & Architectural Education	ISBN - 978-93-83827-80-0 ISBN - 978-93-90469-35-2	Symbiosis school of architecture, Pune
7	**Dr. Smita Suryawanshi**	Exploration of Bamboo as a Construction Material to Adapt to Parametric Forms	The National Conference on Research in Architecture			D.Y Patil College of Architecture, Lohegaon
8		Neuroarchitecture - A relationship between Neuroscience and Architecture	The National Conference			SSOU's School of Architecture, Urban Development and Planning.

FACULTY – PUBLICATION, ACHIEVEMENTS

Faculty – Research Paper Published In Journals				
Name of the author/s	***Title of paper***	***Name of journal***	***Year of publication***	***ISSN number***
Ar Pranoti Meghal	Architectural Characteristics of Jain villages in Kolhapur region	Sanmati	Dec-20	ISSN-2395-5503
	Jain Rituals and Ritual Spaces	Tulsi Prajna_ (A UGC-CARE Listed Quarterly Research Journal of JVBI)	July-Dec, 2020	ISSN 0974-8857
Dr. Vaishali Latkar		JIIA	May 21 vol 86	

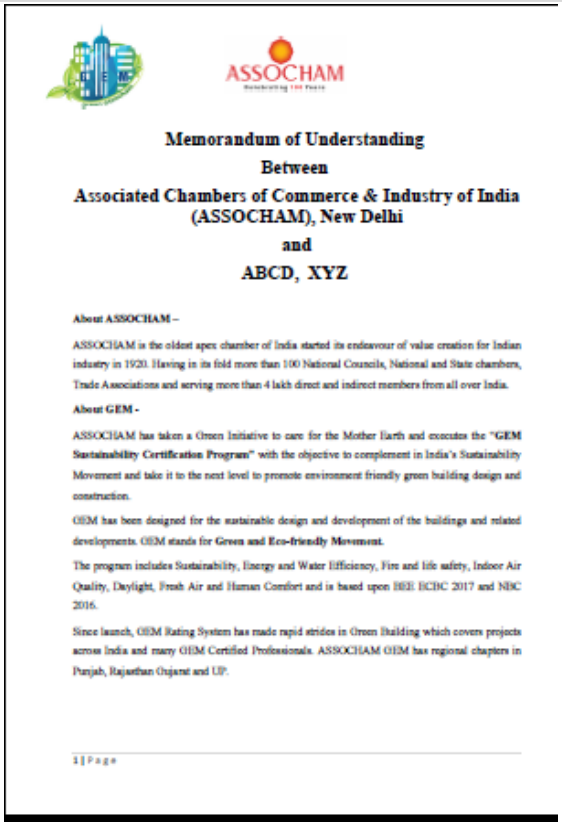
MOOC completed successfully- 2020-21	
Faculty	***Programs***
Dr. Priyamvada Chitale	
Dr. Smita Suryavanshi	
Ar. Bijal Vakhariya	

Faculty- Resource persons, Expert, Consultant: 2020-21	
Faculty	***Designation***
Dr. Vaishali Latkar	Expert -INTACH, ICOMOS
Dr. Vaishali Latkar **Prof. Priti Dhanwat** **Ar. Sonal Karajikar** **Ar. Shreeamay Phadnis**	Sahapedia - Cultural Mapping Reviewer

COA Essay Writing Competition Under Young Architect Category 2020-21	
Faculty	***Award/recognition***
Ar. Samvedna Jadhav **Ar. Sanika Kulkarni**	Certificate of Participation 15.8.2020
	Professional Certification (Organizer: ASSOCHAM GEM (Green And Ecofriendly Movement)
	IGBC Accredited Professional Certification
	Solar Decathlon India 2020-21 Technical Resource Guides

COLLABORATIONS, MoUs

The How To Festival with Locators



ASSOCHAM

Memorandum of Understanding

Between

Associated Chambers of Commerce & Industry of India (ASSOCHAM), New Delhi

and

ABCD, XYZ

About ASSOCHAM –

ASSOCHAM is the oldest apex chamber of India started its endeavour of value creation for Indian industry in 1920. Having in its fold more than 100 National Councils, National and State chambers, Trade Associations and serving more than 4 lakh direct and indirect members from all over India.

About GEM -

ASSOCHAM has taken a Green Initiative to care for the Mother Earth and executes the "**GEM Sustainability Certification Program**" with the objective to complement in India's Sustainability Movement and take it to the next level to promote environment friendly green building design and construction.

GEM has been designed for the sustainable design and development of the buildings and related developments. GEM stands for **Green and Eco-friendly Movement**.

The program includes Sustainability, Energy and Water Efficiency, Fire and life safety, Indoor Air Quality, Daylight, Fresh Air and Human Comfort and is based upon BEE ECBC 2017 and NBC 2016.

Since launch, GEM Rating System has made rapid strides in Green Building which covers projects across India and many GEM Certified Professionals. ASSOCHAM GEM has regional chapters in Punjab, Rajasthan Gujarat and UP.

1 | Page

MOUs

Autodesk

ASSOCHAM

PCERF

Collaborations

Locator

COMPETETIONS:
STUDENTS PARTICIPATED

National & international level

NIASA
DESIGN
POSTER
QUIZ

COMPETETIONS: NIASA: B.ARCH. & M.ARCH.

STUDENTS PARTICIPATED IN NIASA THESIS JURY			
	Student	***Topic of ADP (Thesis)***	***Guide (Faculty)***
	B.Arch.		
1	**Vedant Battalwar**	Bhogapuram international Airport terminal design,Bhogapuram, Andhra Pradesh	Ar. Pranoti Lad
2	**Tilak Kogta**	National Museum of Natural History, New Delhi	Ar. Trishna Mahadkar
3	**Apoorva Mujamale**	Science centre at Pune	Ar. Anuja Inamdar
	M.Arch. (AC)		
1	**Abhishek Ranka**	Comprehensive Conservation Proposal For Group Of Rock-cut Dhamnar Caves At Mandsaur Dist. (Mp)	Ar. Sonal Karanjikar
2	**Aditya Malkar**	Conservation Proposal For 19th Century ‘Shrimant Anandraw Gaikwar’s Rajwada’ At Kaulane, Malegaon	Dr. Vaishali Latkar

COMPETETIONS: STUDENTS PARTICIPATED

	Name of the activity	*Award/ recognition*	*Awarding bodies*
1	Essay Writing competition on Role of Architecture in Nation Building	Certificate of participation to Jagruti Kasle	COA-TRC
2	Quiz - building products, technologies	One student	Locator with LIC & Legrand
		DESIGN	
		INTERNATIONAL	
1	Product Design & Environmental Sustainability Award	Finalist	Taiwan International Student Design Competition (TISDC)
2	The House, Crafting Home through spaces	Certificate of participation to 3 students	Archdais
3	Rethinking Public Toilets 2020	Certificate of participation to Aditya Honrao, Aditi Jain,	Micro Nation Challenge 2- INHABIT
		NATIONAL	
4	Co-working & Co-Living, Connecting Indoors with Outdoors	1st position to Tejal Jaikhedkar, Saish Dhimate, Pranav Gawale (7 nos.)	HIVEKRAFT
5	School Design	2nd Honorary mention to Tejal Jaikhedkar, Saish Dhimate, Pranav Gawale	HIVEKRAFT
6	Quarantine Facility Design for temporary Healthcare	Certificate of participation (8 students)	KAARWAN with GOI- 2020
7	SCHINDLER Hatke elevator Design	Certificate of participation to 5 Students	SCHINDLER
8	Mindspark20, Utopia event-A Delve into Tech Future	Certificate of participation to 4nos.	COEP (with Digital India)
		REGIONAL	
9	live project for CDAC office in Pune- ROOFTOP CAFETERIA	(Team D: Winner, Team B: First Runner-Up, Team C :second Runner-up, Team A- for participation) – total 19 students	CDAC office in Pune
10	The Drawing Board, Temporary Homes for Transient Construction Labourers	Certificate of participation to student Roziya Pathan, Manthan Kirdat	Mindspace Architects & Rohan Builders
11	Design & Model a Residence using Google Sketch UP	Award to Chaitanya Kasture & Tejal Jaikhedkar	ACE_Design Institute
12	Design of furniture	Lockdown Competition 2020, (1 no)	Design Discourse

DESIGN COMPETETIONS: STUDENTS PARTICIPATED: C-DAC, Pune

Design competition for a live project for CDAC office in Pune
ROOFTOP CAFETERIA

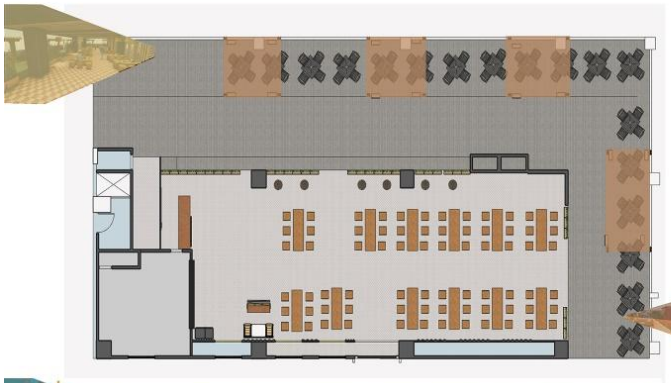
4 teams with faculty leadership participated in online jury on 17th and 18th November 2020.
3 teams awarded with winner and runner-up and 4th group with participation appreciation in a ceremony on 7th December 2020 at CDAC office.

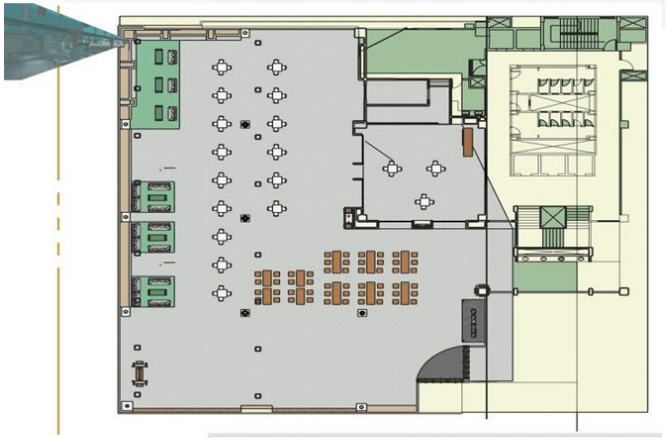
All participants of 3 winning teams received prize money
C-DAC actually executed partly as per design and took ideas also for execution

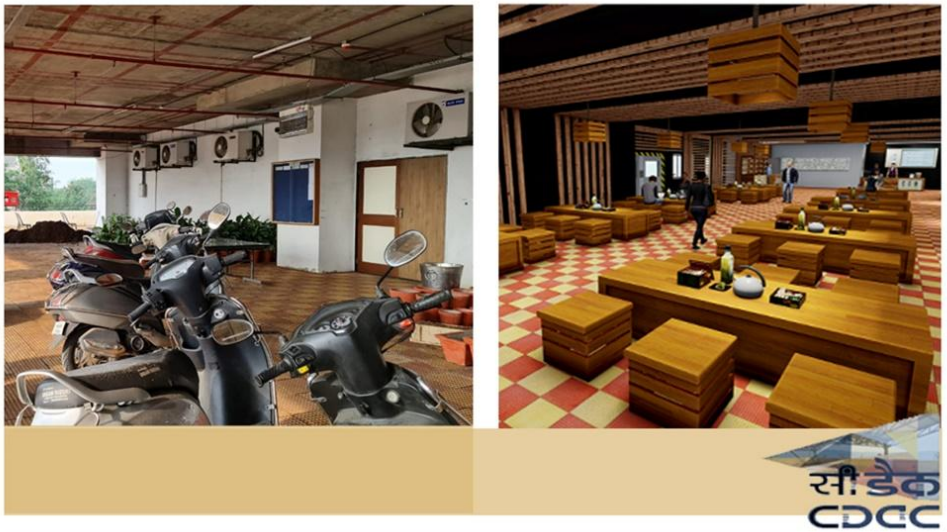
Teams	Students (Fourth Year B Arch)	Mentor: Faculty	Awards
Team A:	ShubhankarAmbike, SamruddhiDharmadhikari, Shardul Deshpande, Kinjal Bhojani	Ar. Priyanka Purohit	Participation certificate
Team B	Chaitanya Kasture, Saish Dhimate, Jagruti Kasle, Tejal Jaikhedkar, Utkarsha Kate	Ar. Bijal Vakhariya	Second position
Team C	Chinmay Rajendra Nisal, Mohammed Lokhandwala, Sameera Mulay , Bhakti Lahane, Srushti Pravin Mahajan	Prof. Kavita Patil	Third position
Team D	**Omkar Salvi, Rohan Pote, Nachiket Salunke, Shreya Shukla, Tejas Rokade**	**Ar. Asmita Kale**	**First position**

DESIGN COMPETETIONS: STUDENTS PARTICIPATED: C-DAC, Pune

COMPETITION ENTIRES OF WINNINERS (Fourth Year B. Arch. Team D)
Nachiket Salunke, Omkar Salvi, Rohan Pote, Shreya Shukla, Tejas Rokade

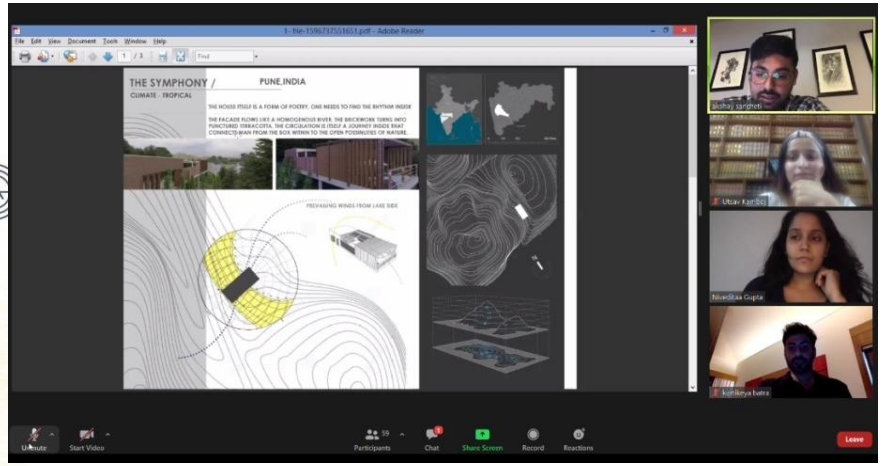






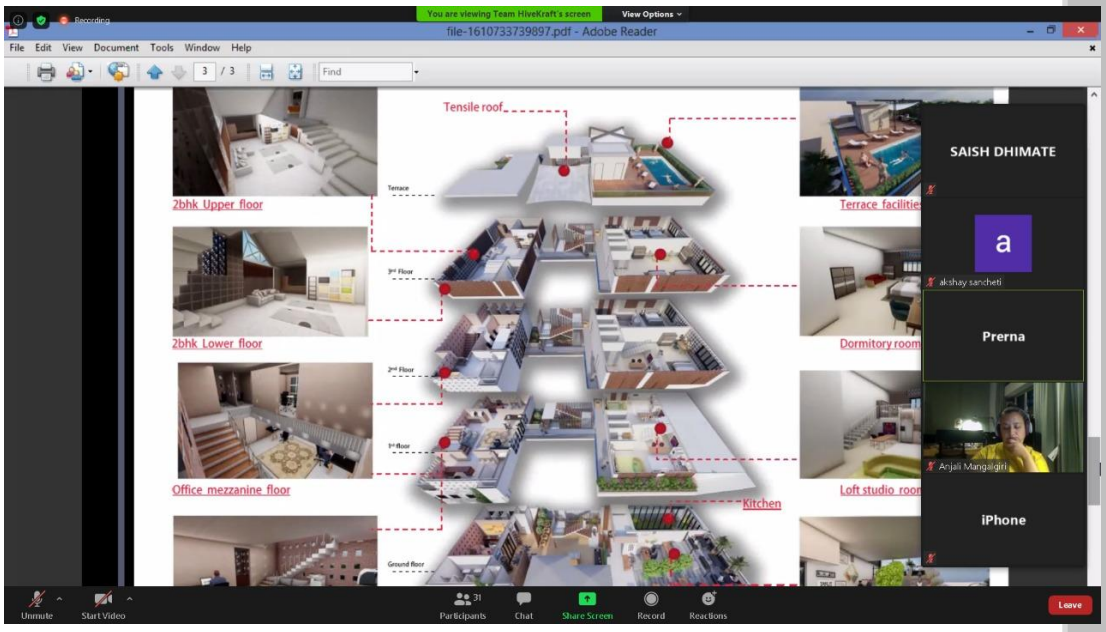
DESIGN COMPETETIONS: STUDENTS PARTICIPATED: Hivekraft

DESIGN COMPETITION (Organiser-Hivekraft)
First Position
Theme: Connecting Indoors with Outdoors
Participants: Tejal Jaikhedkar, Saish Dhimate, Pranav Gawale
Online Jury Held On: 10th August 2020



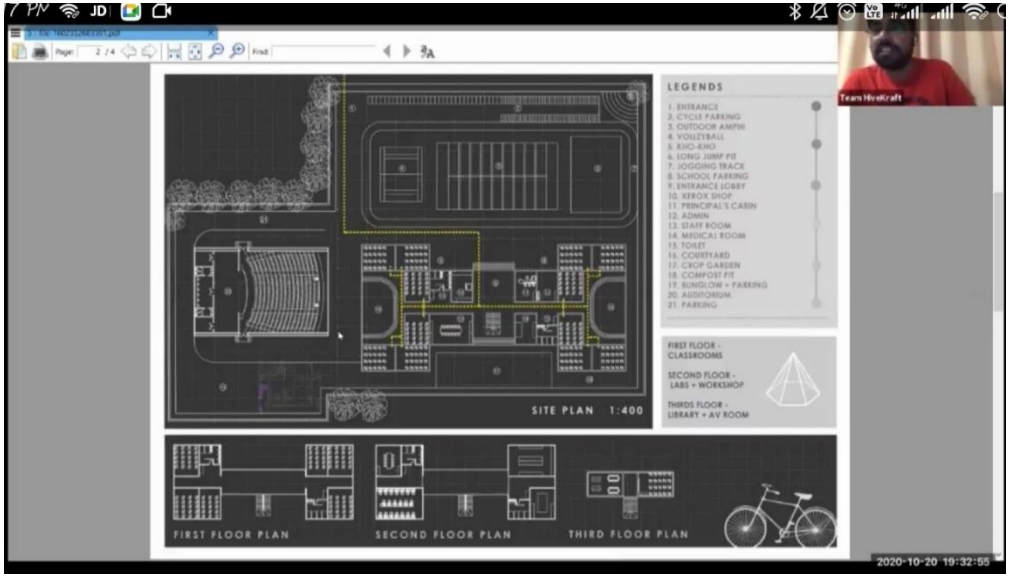
DESIGN COMPETETIONS: STUDENTS PARTICIPATED: Hivekraft

DESIGN COMPETITION (Organiser-Hivekraft)
First Honorary Mention Position
Theme: Co-working & Co-living (Live Project)
Team 1
Participants: Chaitanya Kasture, Tejal Jaikhedkar, Prerna Bharti
Online Jury: 25th January 2021



DESIGN COMPETETIONS: STUDENTS PARTICIPATED: Hivekraft

DESIGN COMPETITION (Organiser-Hivekraft)
Second Honorary Position
Sub-theme: School Design Compepetion
Participants: Tejal Jaikhedkar, Saish Dhimate, Pranav Gawale
Online Jury: 20th October 2020



DESIGN COMPETETIONS: STUDENTS PARTICIPATED: MindSpark 20

URBAN DESIGN COMPETITION : MindSpark 20 (Organizer: COEP, Pune under patronage of Digital India)
Theme : UTOPIA
1st prize Winning Team : Pradnya Mahajan , Akshata Patil, Sayali Mhatre, Shrushti Kshirsagar
3rd Prize Winning Team : Pavitra Nayak, Pooja Lale, DATE OF RESULTS : Results -Jan 2021

UTOPIA-2020 : Winning Entry :
The student's team selected a public plaza, street and a bus stop on **FC road, Pune**.

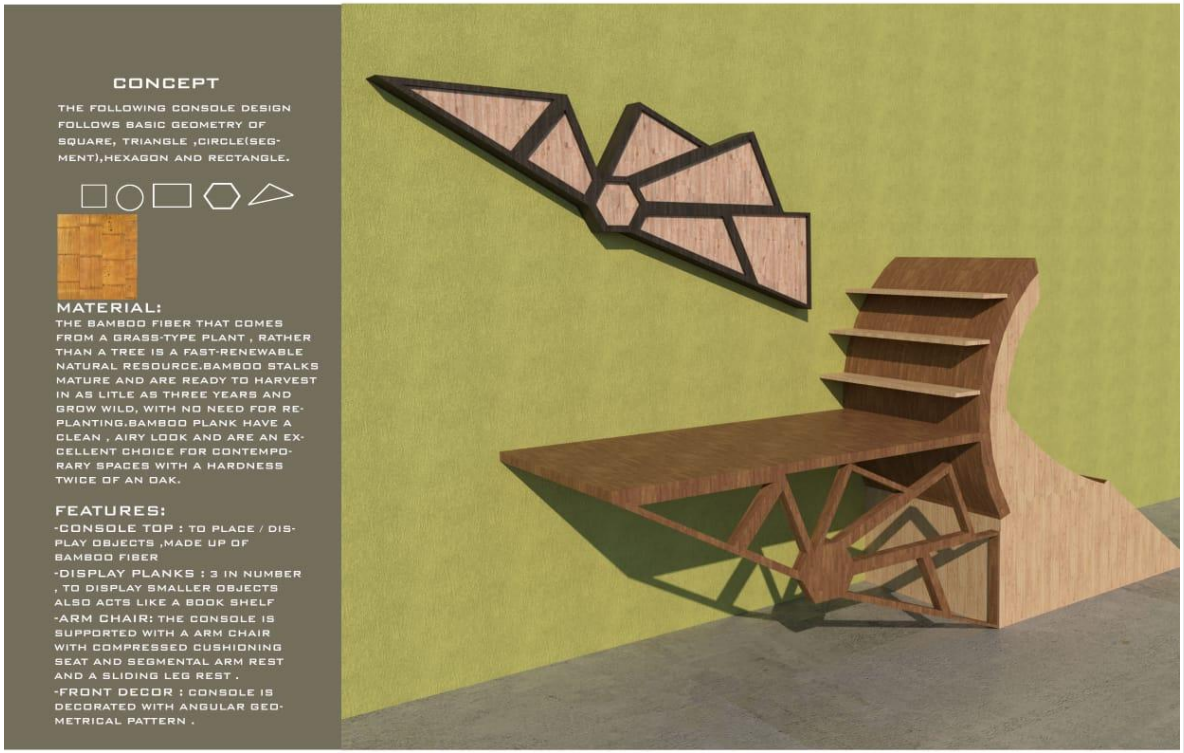
DESIGN COMPETETIONS: STUDENTS PARTICIPATED

DESIGN COMPETITION : (Organizer: American Society of International Illustrators)
Students Award of Distinction : Project : Endless steps, Nagpur
Finalist in product Design Category: Lakhan Chachane

DESIGN COMPETITIONS: ENVIZN HIGHRISE ARCHITECTURE COMPETITION : AKAAR (Organizer: IIT BOMBAY)
Title: HIGHRISE DESIGN
Winner: Lakhan Chachane
2021

DESIGN COMPETETIONS: STUDENTS PARTICIPATED

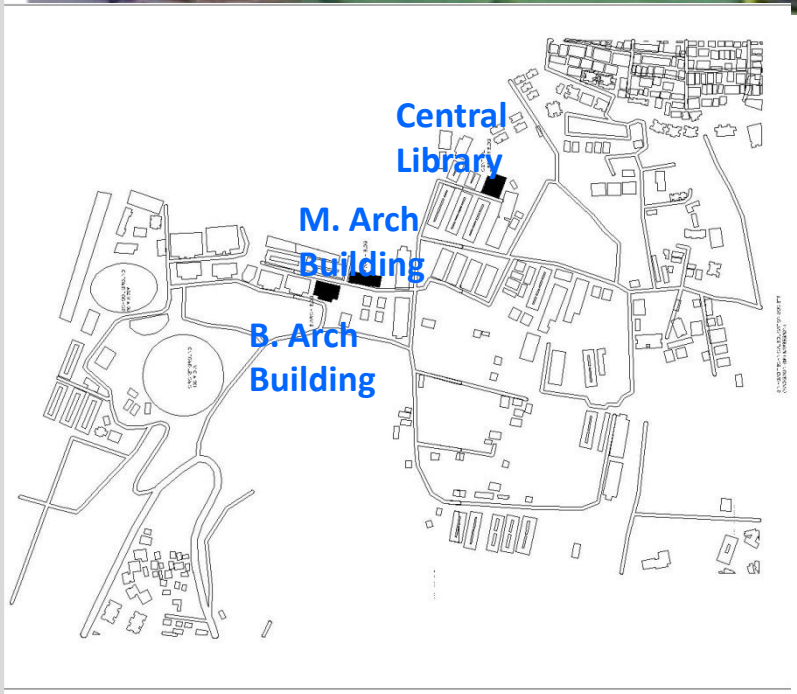
FURNITURE DESIGN COMPETITION : Lockdown 2020 Competition (Organizer: Design Discourse)
Theme : Console Design
Students Recognition: Jagruti Kasale
25.4.2020

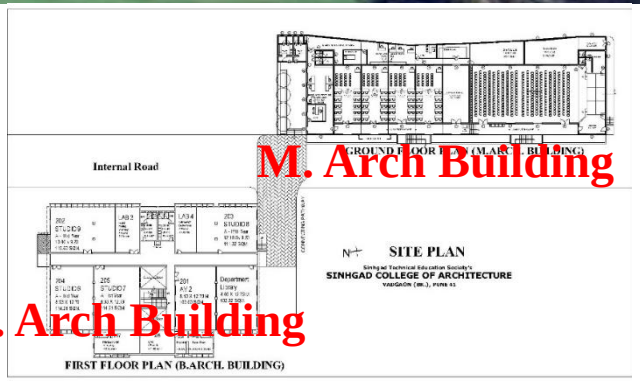


CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

Facilities for Teaching-Learning
Sports facility
Library
IT facility

VADGAON-AMBEGAON STES CAMPUS





SCOA

located in self-contained Vadgaon Budruk Campus
Campus area: 35.45 Hectare

- **scenic and tranquil hillock in Pune city**
- **right ambience for learning**

15 colleges, Schools
Central library, Cultural, Sports facilities
Hostels, Mess, Staff Quarters
Banks, Post Office, Police station, Clinic, food joints
24hrs Security system

CAMPUS FACILITIES: SPORTS & CULTURALS

Outdoor & Indoor Sports

Cricket Ground and Tennis court

Gymnasium

Cultural Centre: Amphitheatre

Swimming Pool

Carom, chess, Table tennis

Banks & ATM facilities

Post Office

Campus Clinic

Food Joints & Stationary shops

CAMPUS FACILITIES: HOSTELS & STAFF QUARTERS

Boys Hostel

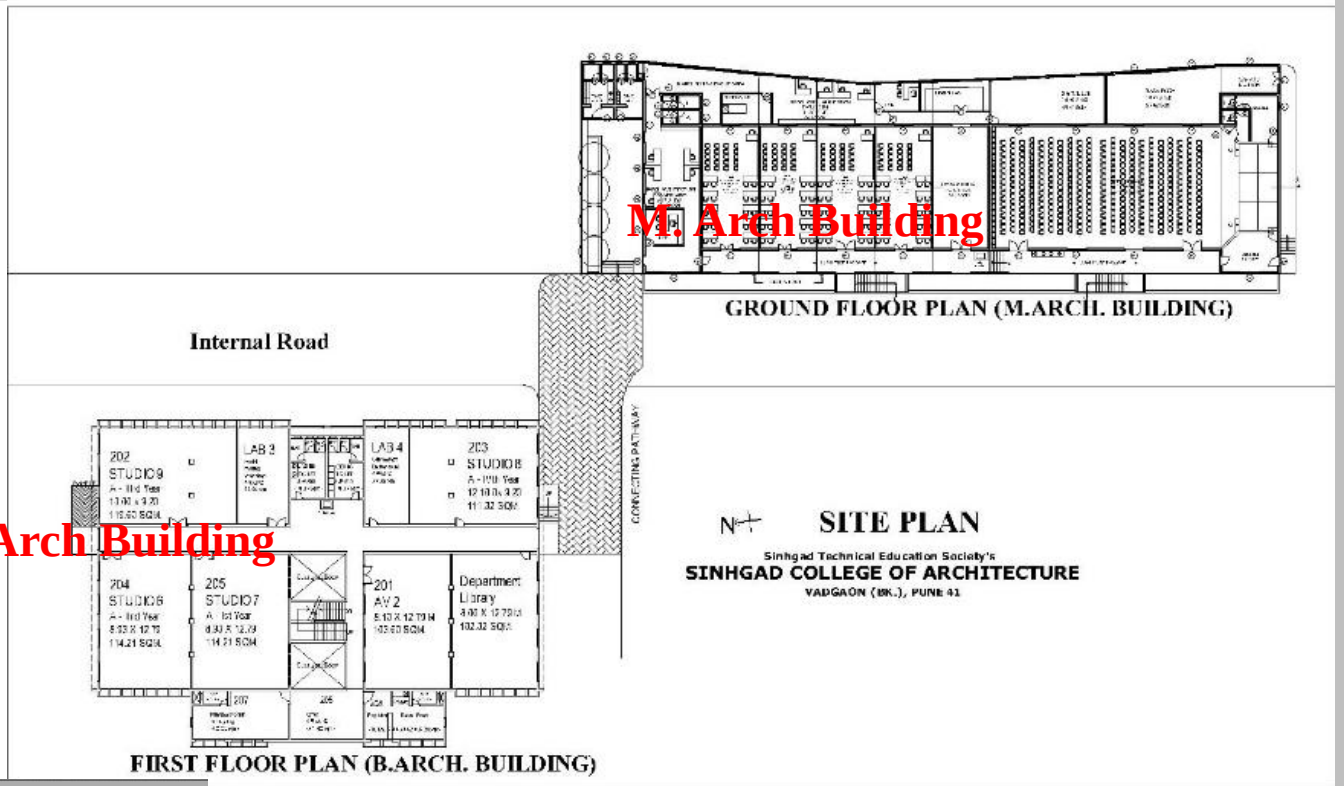
Girls Hostel

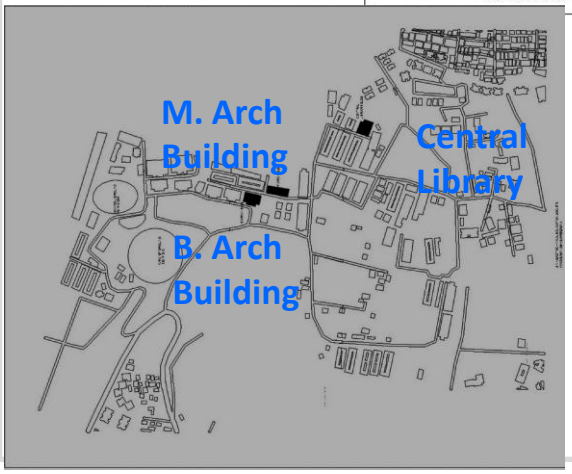
Staff Quarter

Hostel: capacity = 6798
Boys= 4500
Girls= 2298

Staff Quarters: Principal to Peons

SCOA BUILDINGS





Vadgaon STES Campus area: 35.45 Hectare

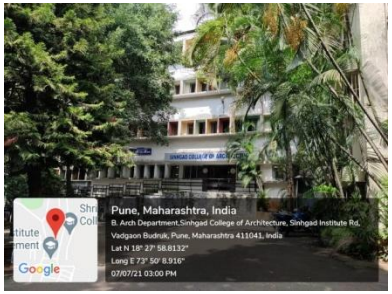
SCOA : Two Buildings:

B. Arch Building (4 floors):	**4452.60 sqm**
M. Arch Building (one floor):	**1218.77 sqm**
Total Area :	**5452.09 sqm**
Exclusive area in Central Library:	**442.80 sqm**
GRAND TOTAL:	**6114.17 sqm**

AREA REQUIREMENT AS PER COA

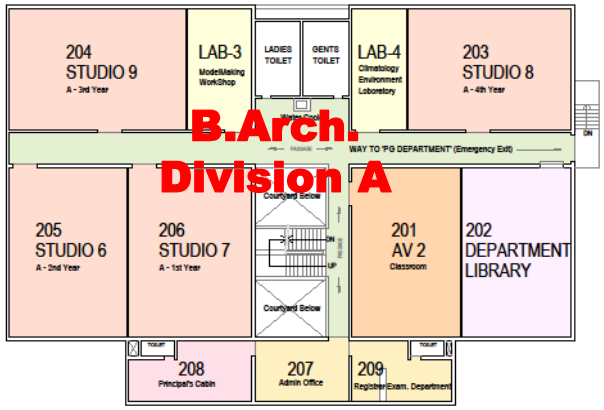
STES' SINHGAD COLLEGE OF ARCHITECTURE, PUNE AREA STATEMENT 2021			
	SPACES	**/ COA**	**@ SCOA**
1	**Studio (B.Arch.)**	17	**17**
2	**Studio + class Room (M.Arch.)**	4	**4**
3	**Class Rooms**	8	**8**
4	**Labs**	8	**8**
5	**Material Museum**	1	**1**
6	**Computer Labs**	1	**1**
7	**Departmental Library**	**As per COA norms**	
8	**Central Library (excl SCOA area)**		
9	**Multipurpose Hall**		
10	**Admin Area**		
11	**Faculty Area**		
12	**Common Rooms**		
13	**Nasa Room**		
14	**Display Area**		
15	**Construction Yard**		
	AREA (B.ARCH.)	**5000.00 sqm**	**5452.09 sqm**
	AREA (M.ARCH.) (both courses)	**500.00 sqm**	**526.08 sqm.**
	TOTAL AREA	**5500.00 sqm**	**6114.17 sqm**

SCOA: B. ARCH BUILDING

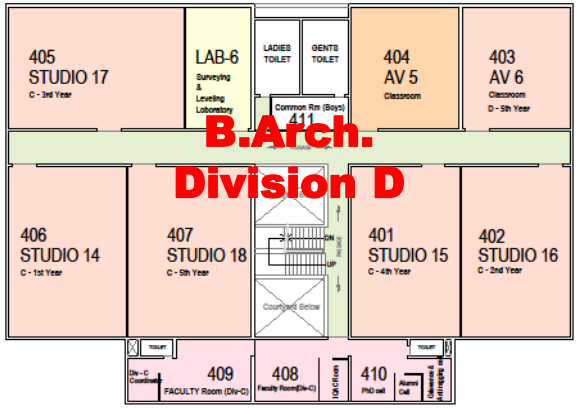


SCOA Building

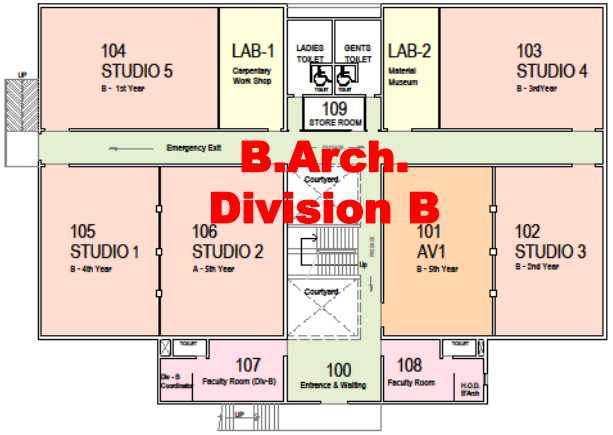
B.Arch. Building
Four Divisions: Four Floors: Built-up area: 4452.60 sqm.



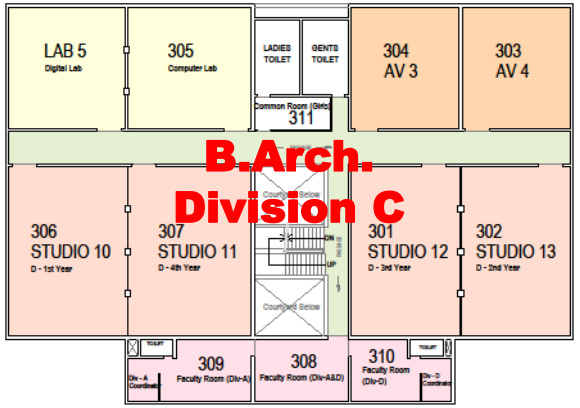
FIRST FLOOR PLAN



THIRD FLOOR PLAN

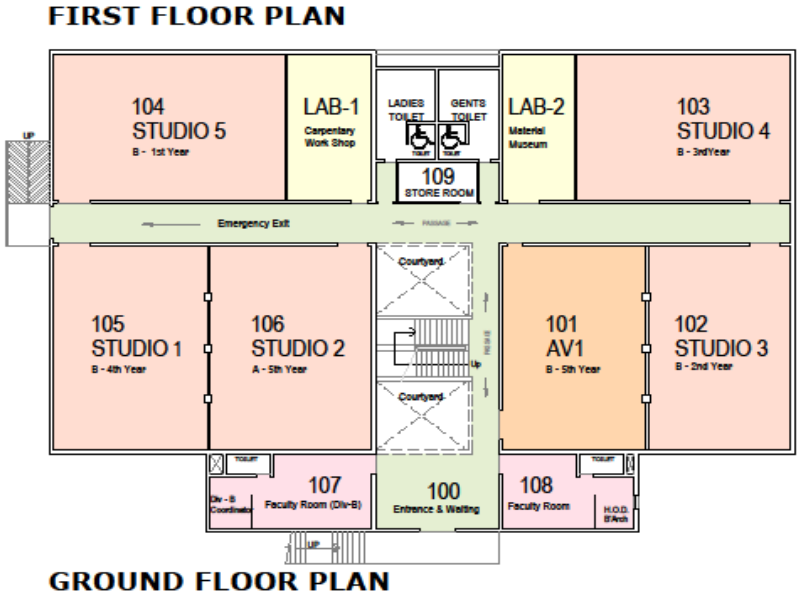


GROUND FLOOR PLAN



SECOND FLOOR PLAN

SCOA: B. ARCH BUILDING



Dr. Manjusha Gokhale
Professor &
Division Coordinator (B)

B.Arch. Building
Ground Floor: Division B
(Built-up area: 1113.40 sqm.)

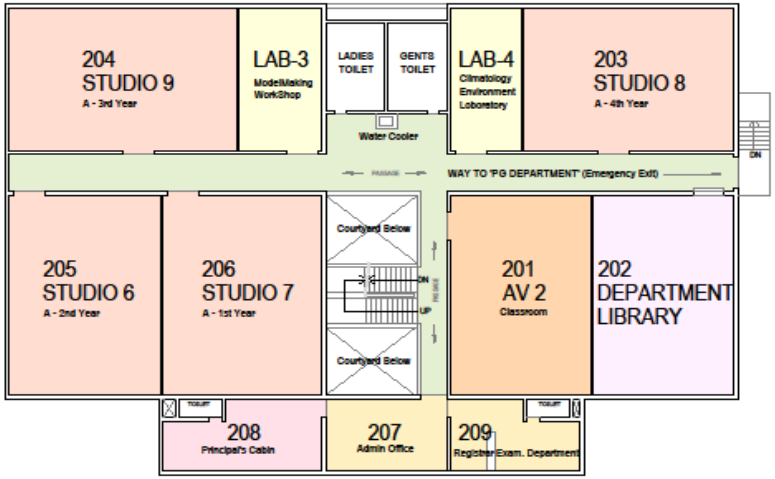
Main & Side Entrances with Ramp
Studios: 5 nos.
Assembly / Av Room
Carpentry Workshop
Material Museum
Faculty Rooms with attached Toilets For Division B
Toilets for Girls & Boys

SCOA Building

Side entrance with Ramp

Carpentry Workshop

SCOA: B. ARCH BUILDING

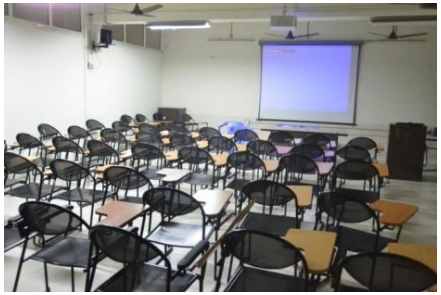


FIRST FLOOR PLAN

Ar. Kalpana Hadap
Professor &
Division Coordinator (A)

B.Arch. Building
First Floor: Division A
(Built-up area: 1113.40 sqm.)

- **Side Direct Entrance From Road (Sloping Site) Connect To M.Arch. Building Behind**
- **Studios: 4 Nos.**
- **Assembly /Av Room**
- **Model-making Lab**
- **Environmental Lab**
- **Departmental Library**
- **Principal's Cabin**
- **Admin Office With Attached Toilet**
- **Exam Department**
- **Toilets for Girls & Boys**



AV Class room: 4 nos

Departmental Library

Administration

Principal's cabin

Model making lab

Exam department

SCOA: B. ARCH BUILDING

SECOND FLOOR PLAN

Dr. Priyamvada Chitale
Professor, H.O.D.(B.Arch)
& Division Coordinator (D)

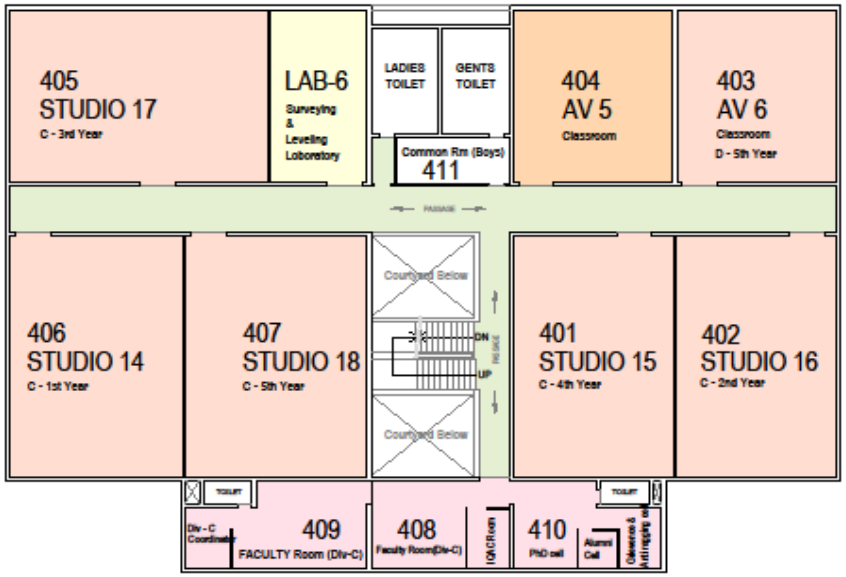
B.Arch. Building
Second Floor: Division D
(Built-up area: 1113.40 sqm.)

- **Studios: 4 Nos.**
- **Av Room: 2 Nos.**
- **Computer Lab: 2 Nos.**
- **Faculty Rooms with attached toilet For Division A & D**
- **Girls' Common Room**
- **Toilets for Girls & Boys**

Studios: Well Lit & Ventilated with AV facility

Computer Lab (2 nos)

SCOA: B. ARCH BUILDING



THIRD FLOOR PLAN

Ar. Priti Dhanwat
Professor &
Division Coordinator (C)

B.Arch. Building
Third Floor: Division C
(Built-up area: 1113.40 sqm.)

- **Studios: 5 Nos.**
- **Av Room: 1 Nos.**
- **Surveying Lab**
- **NAAC IQAC Room**
- **Counselling Room**
- **Faculty Rooms with attached toilets For Division C**
- **Boys' Common Room**
- **Toilets for Girls & Boys**

Terrace: Construction Yard

FY Studio

Surveying and Levelling lab

Construction Yard at Terrace

SCOA M. ARCH BUILDING

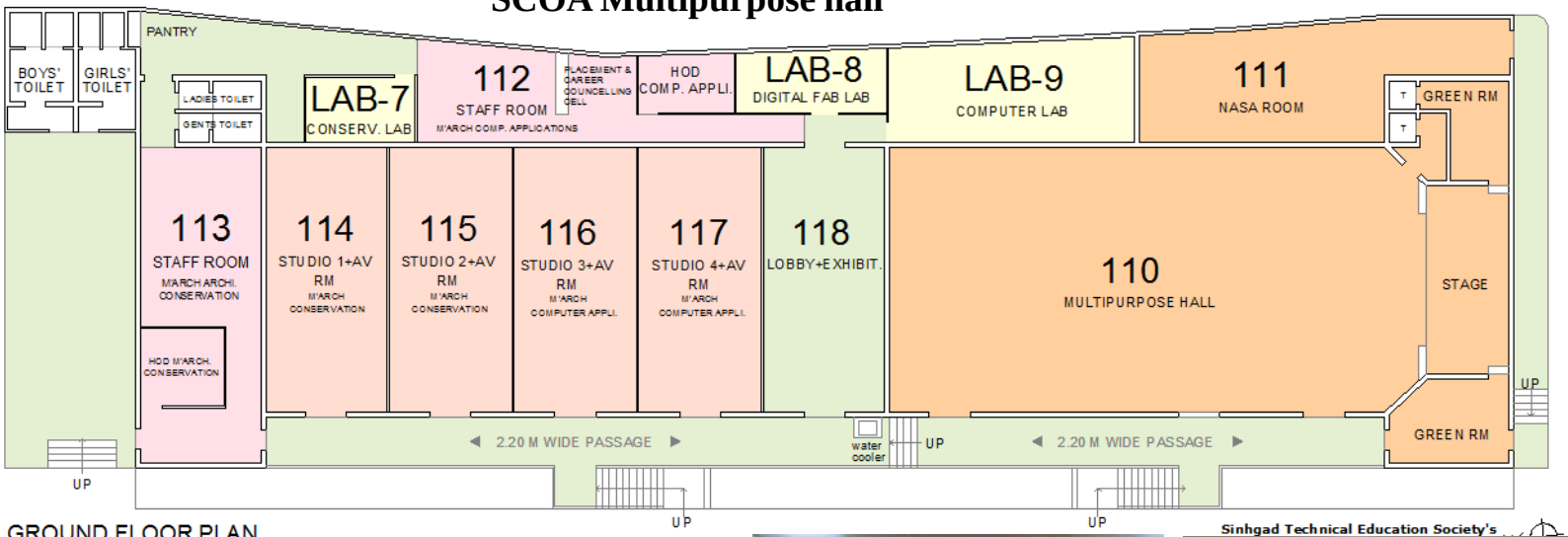
M. Arch. (Architectural Conservation)

Dr. Vaishali Latkar
Professor & H.O.D. (M.Arch)

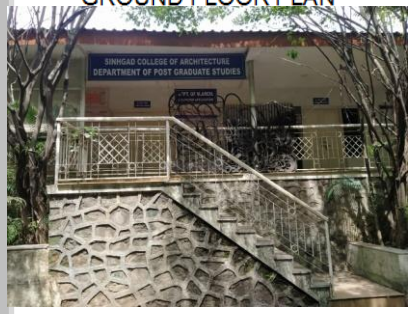
M. Arch Building
(Built-up Area: 1218.77 sqm.)
Studio cum Class rooms: 4 nos.
Exhibition hall
Labs
Faculty rooms
NASA room
SCOA Multipurpose hall

M.Arch. (Computer Applications)

Dr. Smita Suryavanshi
Professor & H.O.D. (M.Arch)



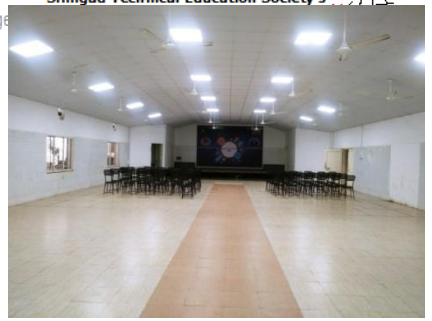
GROUND FLOOR PLAN



Entrance

Studios (4 nos)

Permanent Display of students works



Multipurpose Hall

CENTRAL LIBRARY: SCOA SECTION

List of Journals Available at SCOA library

Sr.No	Title
1	Architecture + Design (Jan2021-Dec21)
2	Architecture Record (Jan2021-Dec21)(Foreign)
3	Architectural Review (Jan2021-Dec21)(Foreign
4	Architecture Australia (Jan2021-Dec21)(Foreign
5	Art India (Jan2021-Dec21)
6	Auroville Today (Jan2021-Dec21)
7	Architect & Interiors India (Jan2021-Dec21)
8	Domus India (Jan2021-Dec21)
9	Future Arc (Jan2021-Dec21)(Foreign)
10	ITPI Journal (Jan2021-Dec21)
11	Indian Architect & Builder (May 2021-Apr.2022)
12	LA Journal of Landscape Architecture (Jan2021-Dec2
13	MGS – Architecture (Jan2021-Dec21)
14	Marg (Jan2021-Dec21)
15	Theosophist
16	Terragreen (Jan2021-Dec21)
17	Dream 2047(Jan2021-Dec21)
18	Elevator World India (Jan2021-Dec21)
19	Wakeup India
20	Surfaces
	Total

Journal List

Central Library
6,870 sqm area
24 / 7 open (Reading)

SCOA Section:
Area
Reading area: 302.4 sqm
Stack: 104.4 sqm
Total: 442. 8 sqm.

	As /COA	@SCOA
Books	**3990**	**7720**
Titles	**1910**	**6553**
Journal (Indian)	**16**	**16**
Journal (Foreign)	**4**	**4**
E-books	**2337**	
E-Journals	**682**	
Online videos	**2697**	
NDLI Club Institutional Membership		

CRITERION V: STUDENT SUPPORT AND PROGRESSION

Student Council
Grievance Redressal
Placement & Career Counseling

STUDENTS COMMITTEES

SCOA STUDENTS COMMITTEES
3-LEVELS

1. SPPU level: Students' Council

events recommended by SPPU
under Students Development Officer (SDO)
Tree Plantation
Bhasha Diwas, Integrity Day, Yoga week

2. STES & Campus level:

Sinhgad Student Council (SSC)
Elected body of students
clubs, Activities, celebrations
Carnival (Fresher's Party)
Sorts Karandak
Cultural Karandak: Neon
No events due to pandemic in 2020-21

3. SCOA level:

a. Susamwad:

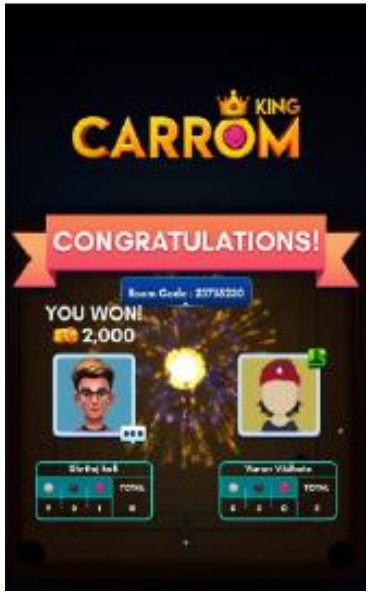
elected body of students
12 main portfolios
co & extra-curricular events
under faculty coordinators

b. CR-LR Committee:

for class wise coordination

SCOA EVENTS 2020-21			
	Date	***Events***	***Organised by***
1	15.10.21	Vachan Prerna Din	SPPU Students Council
2	29.10.20	Dakshata integrity Pledge	
3	11.12.20	Medicinal Tree plantation in campus	
4	25.1.21	Marathi Matrubhasha Diwas	
	21/03/2021 22/03/2021 23/03/2021	Poster on Environmental Concerns: World Forest Day, World Metrological Day, World Water Day	
5	3 to 7.5.21	Yoga Week	
6	14.1.21	Orientation of FY B. Arch	
7	24.3.21	Oath ceremony	Susamwad
8	9.4.21	Farewell	
9	3 to 7.5.21	Cultural Week	Online solo competitions Susamwad
10		Sports week	
11	21.5.21	Annual Exhibition & Prize distribution	Susamwad

SUSAMWAD EVENTS: SPORTS & CULTURAL

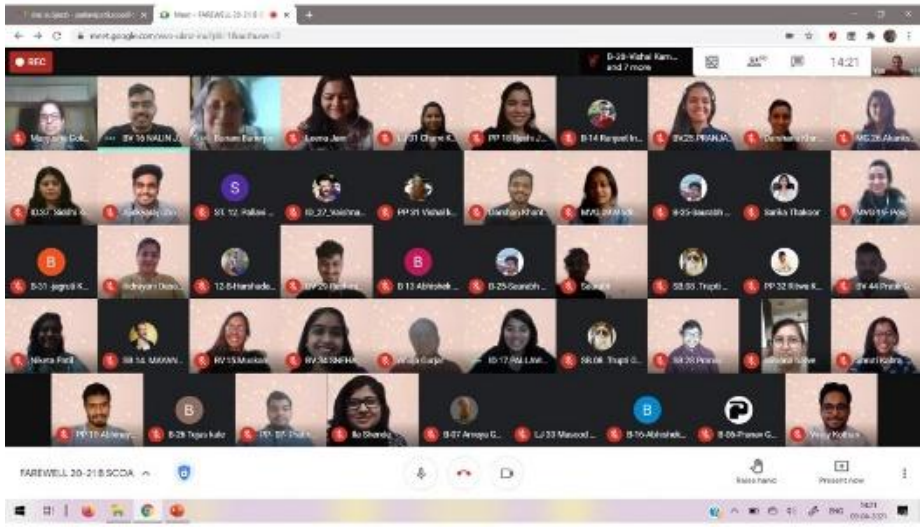


E-certificates

online solo competition for students of B.Arch. and M.Arch. 3rd to 7th May 2021	
Sports	chess, carrom, ludo, table tennis, ball pool, snake & ladder
Cultural	dance, singing, instrument, acting, film making

FAREWELL: SUSAMWAD EVENTS

E-memento shared with students



Farewell (online)

Faculty with junior students arranged class wise and overwhelming responses from outgoing batches

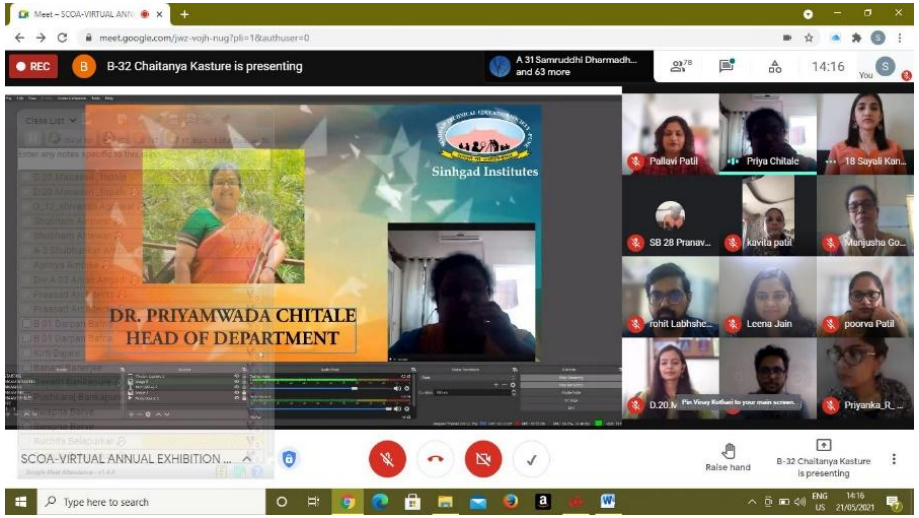
B.Arch.: 9th April 2021

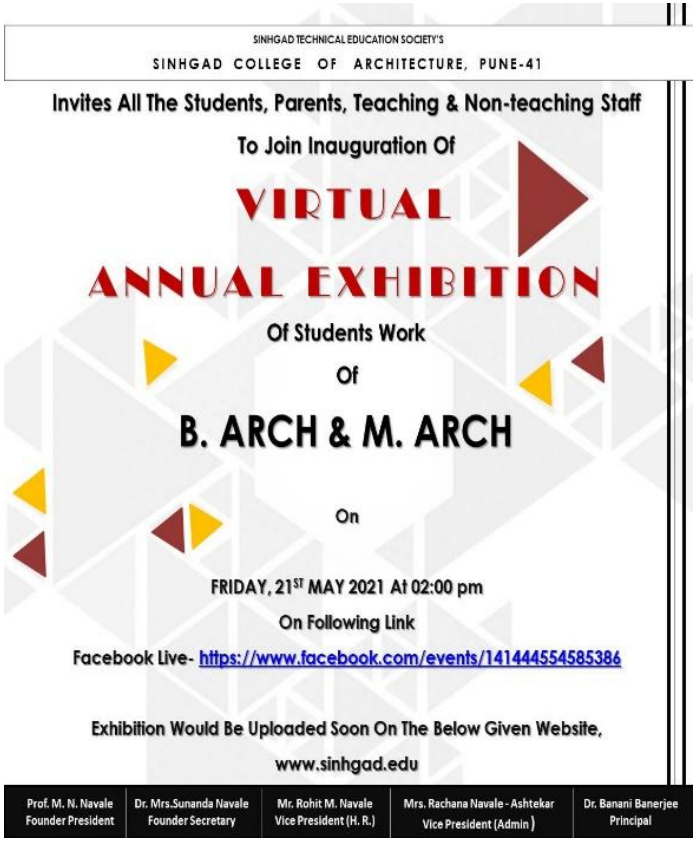
M.Arch. (AC): 25th May 2021

M.Arch. (CA): 28th May 2021

VIRTUAL ANNUAL EVENT: SUSAMWAD EVENTS

Annual Event (online)
Virtual Exhibition Inauguration
Prize (e-certificate) Distribution for academic and extra-curricular activities
Photography competition prizes
21st May 2021
Faculty and student coordinators arranged





SPECIAL CELEBRATIONS

Flag Hosting on 15th August 2020

Dakshata integrity Pledge- 29.10.20

Tree Plantation (medicinal) in campus on 11.12.20

PLEDGE

Architecture is my chosen career, and I am aware of the significant contribution of the architectural fraternity, to the cultural heritage of the world. I am proud to be a part of this fraternity.

Hence, with deep reverence, I pledge today that,

I shall strive to ensure, that my activities support and contribute to the environment, and future welfare of society. I shall apply my skill to the creative, responsible economic development of society.

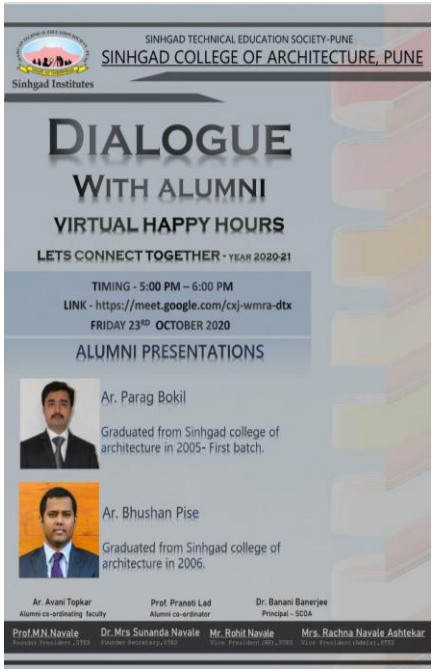
I shall act with fairness and impartiality in my future career, and shall maintain a high standard of integrity as a students & professional.

I shall contribute to the advancement of Architecture, standards of Architectural education, research, training and practice.

I shall conduct myself in a manner, which is not derogatory to my character, neither likely to lessen the confidence of

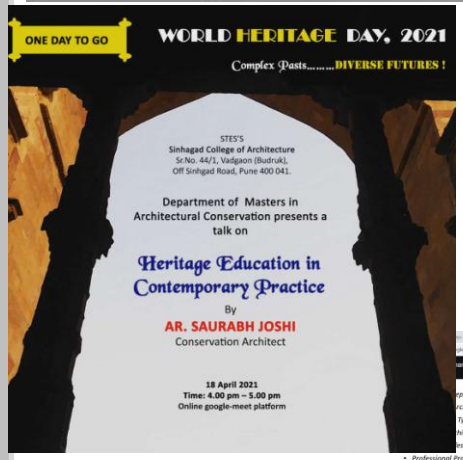
the public in the profession, nor bring Architects into disrepute. To this fraternity of architecture, I pledge my devotion

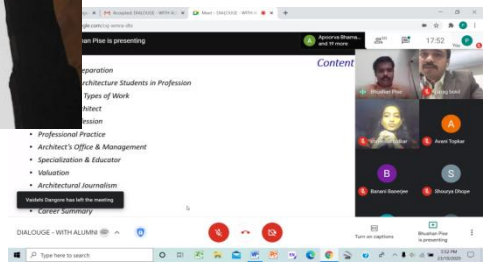
ALUMNI EVENTS: WEBINARS

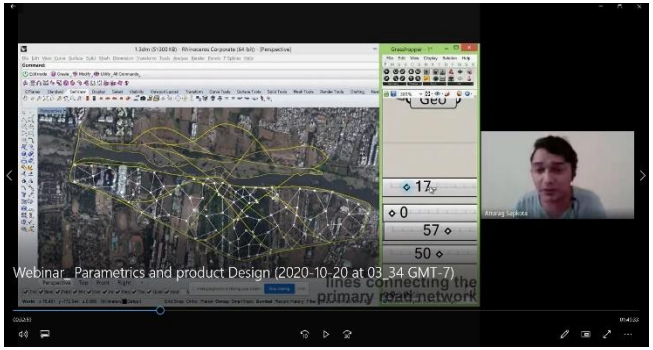


SCOA ALUMNI ASSOCIATION
Established in 2004, Registered in 2018

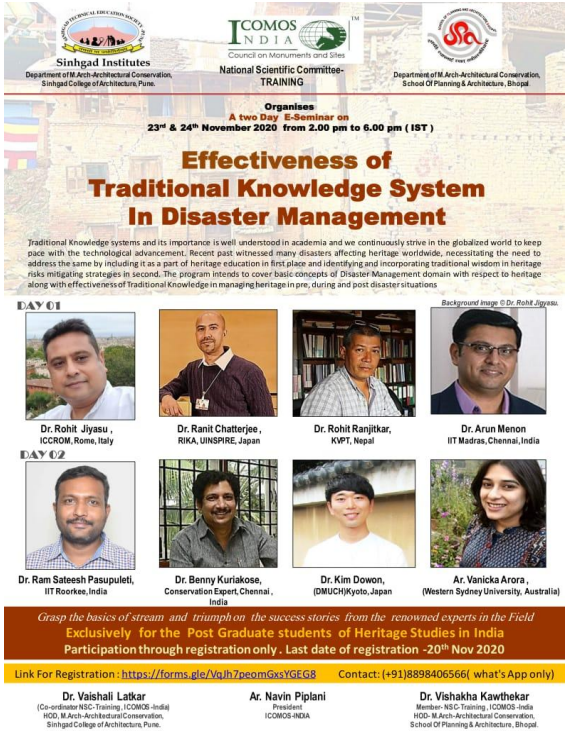
Alumni Webinars:
20.10. 20 – M. Arch (CA)
23.10.20 –B.Arch. CA
18.4.21- M Arch AC

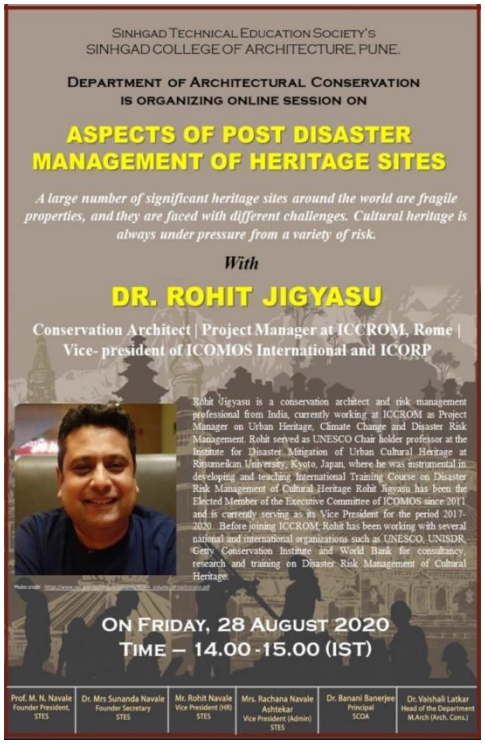


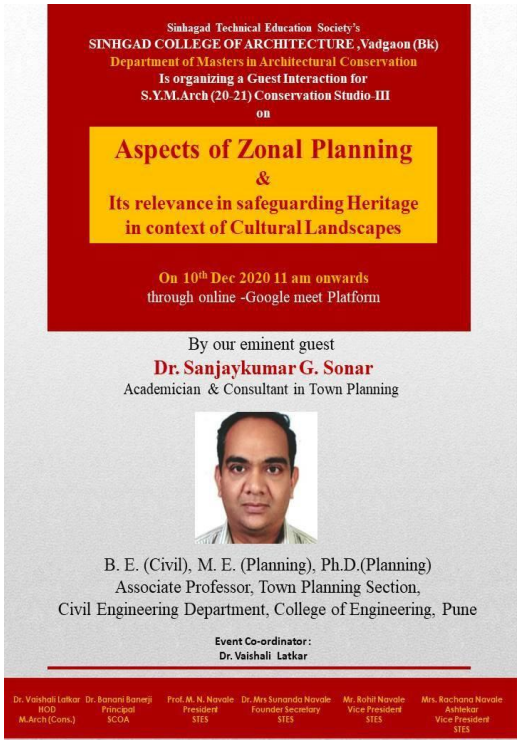


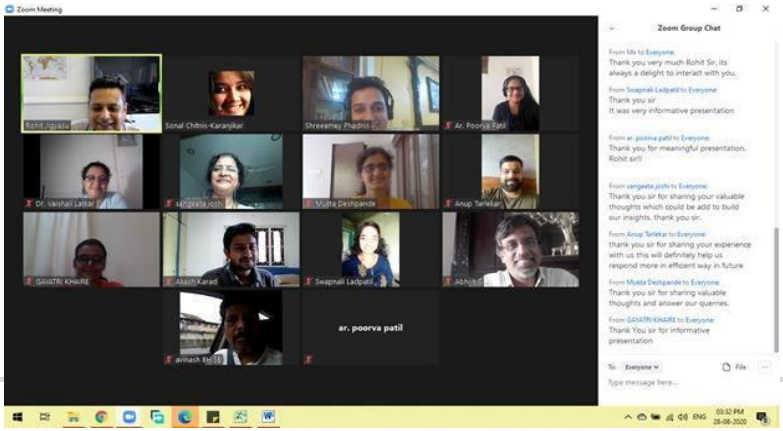


M.Arch. (Architectural Conservation)









CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

Governance and Leadership
Organisational Structure
Strategic Plan & deployment
Welfare schemes
Appraisal
Optimal Utilisation of resources
IQAC

INSTITUTIONAL GOVERNANCE

COMMITTEES OF MANAGEMENT, PRINCIPAL, FACULTY, STAFF & STUDENTS
Governing Body College Development Committee (CDC) Purchase Committee Academic Monitoring Committee
Sub-Committees:
Finance Committee Purchase Equipment Committee Staff Selection Committee Building Committee
IQAC
Mandatory Committees Grievance committee for Women Internal Complaint Committee SC/ ST Committee OBC Committee Minority Committee Anti-Ragging Committee
Sinhgad Students' Council SPPU Students' Council CR-LR Committee, Susamvad

	GOVERNING BODY OF SCOA	
1	Prof. M. N. Navale Founder President, STES	Chairman
2	Dr. (Mrs.) Sunanda M. Navale Founder Secretary, STES	Member
3	Mr. Rohit M. Navale Vice-President (HR), STES	Member
4	Mrs. Rachana Navale Ashtekar Vice-President (Admin), STES	Member
5	Dr. Arvind V. Deshpande Director, STES	Member
6	Prof. M. G. Bhat Director (Engineering), STES	Member
7	Nominee, DTE, Maharashtra State	Nominee
8	Nominee, SPPU	Nominee
9	Nominee, Govt. of Maharashtra	Nominee
10	Dr. Banani Banerjee Principal, SCOA	Member-Secretary

Hierarchical System

1. Principal
2. Head of Department
3. Division Coordinator
4. Year Coordinator
5. Subject Coordinator

Strategy

- Transparent culture
- Parity in all divisions of B.Arch & two programs of M.Arch.
- Long-term Strategy: as per vision & mission
- Short-term strategy: each term goal for quality enhancement

INSTITUTIONAL POLICY

Swami Vivekananda believed education is the manifestation of perfection already exists in human. We do consider that education system should not be mere collection of information, rather needs to be human-making to enable students to be aware of self and the real world. Education refers to a wide spectrum of activities where students avail opportunities to develop their abilities in a holistic manner to develop generic skills, application skills, soft skills or life skills.

We have prepared an enriched and blended teaching-learning strategy for holistic development of learners in a conducive academic environment where expert educators would prepare learners for lifeto make them socially, intellectually and emotionally tolerant and sensitive. In accordance with our vision and mission, policy for teaching-learning focuses on following quality assurance outcome-based education system towards making of multidisciplinary knowledge hub as recommended for single institute knowledge-cluster as recommended in the National Education Policy 2020:

1. Conducive Academic Environment:

•State-of the art physical infrastructure
•innovative, transparent, balanced, collaborative work culture and leadership skills
•to learn, demonstrate and progress
•employability and self-entrepreneurship

2. Academic Excellence

•Competent faculty
•experiential, participative and problem-solving teaching-learning system
•analytical thinking, critical reasoning, research experiences
•rational, appropriate and continuous evaluation
•feedback for concurrent quality enhancement
•associations and collaborations for exchange of ideas, knowledge and skills

3. Holistic Development of the students:

•co-curricular, extra-curricular, social activities

4. Ethics and Values

•committed to inculcate a Value System among Students
•academic programmes, institutional management practices and in co-curricular and extra-curricular activities

5. Social Responsibility:

•to experience ‘real world’ challenges associating with social welfare activities in building the nation

NAAC- IQAC MEETINGS

NAAC : SCOA accredited with B Grade in November 2018
AQAR uploaded every year
Regular IQAC meetings conducted for 7 criteria to Review

- academic, extra and co-curricular activities
- strategy to enhance quality of education
- Research, Collaborations
- Extension activities to the Society
- Student development
- Faculty welfare and development
- Governance for planning, execution
- Feedback and actions

IQAC Internal Pear Team visit Oct'2020

	Members of IQAC at SCOA for 2020-21		
Sr.No.	**Role**	**Name of the Member**	**Affiliation**
1	Chairperson	**Dr. Banani Banerjee**	Principal
2	Teaching faculty	**Dr. Priyamvada Chitale**	Professor, HOD, B. Arch.
3		**Dr. Vaishali P. Latkar**	Professor, HOD, M. Arch. (AC)
4			
5		**Dr. Smita Suryavanshi**	Professor, HOD, M. Arch. (CA)
		Prof. Kalpana R. Hadap	Professor
6		**Prof. Priti S. Dhanwat**	Professor
7		**Prof. Manjusha Gokhale**	Professor
8		**Er. Dakshayani Shete**	Associate Professor
9		**Ar. Shreyas Paranjpe**	Assistant Professor
10	Management Representative	**Dr. S. U Gawade**	Director, STES
11		**Dr. Vijaya Puranik**	Director, Sinhgad Business School, Erandwane
12	Admin staff	**Mrs. Sayli Shivarkar**	Asst. Registrar
13		**Mr. Nilesh Vaidya**	Technical Assistant, Computer Lab
14	Community Representative	**Mr. Krushna Newase**	Parent
15	Industrialists / Employer	**Ar. Parag Bokil**	Principal Architect, Gruha IBC Pvt. Ltd. & Convint Technologies
16	Alumni	**Ar. Karan Malushte**	Principal Architect, MKM Architecture, Pune
17	NAAC & IQAC Coordinator	**Prof. Priyanka Chavan**	Associate Professor

STUDENTS CONTRIBUTION DURING PANDEMIC & LOCKDOWN

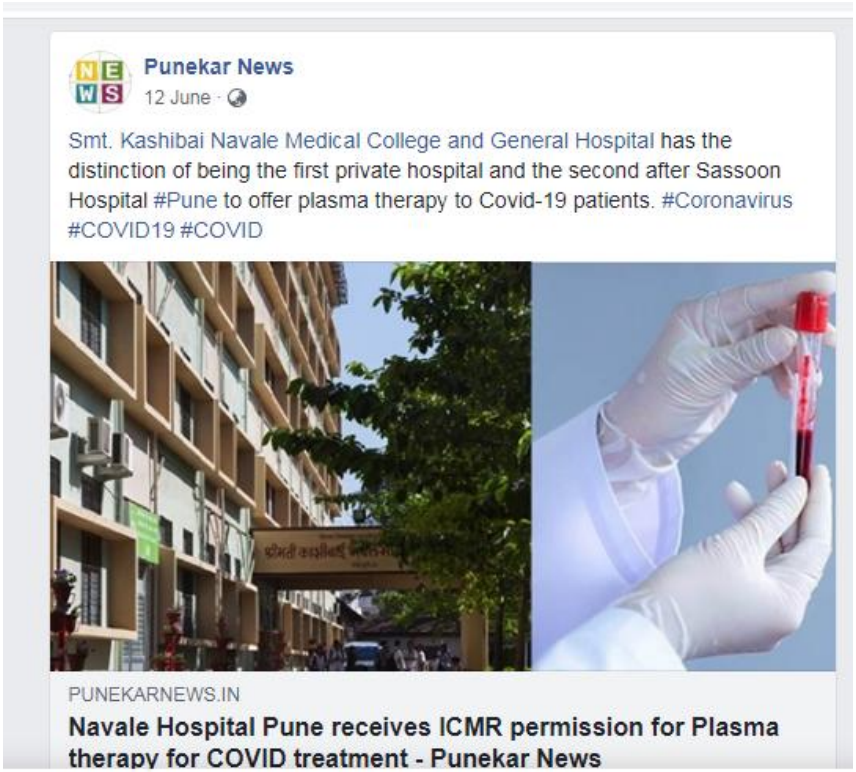
Students made individually
masks and distributed to the people around them
various utilitarian items

various classes made
film, song album for awareness of COVID 19,
posted in YouTube, Facebook social media.

STES'S CONTRIBUTION DURING PANDEMIC

STES came forward for the society

- COVID wing in Kashibai Navale medical college and hospital
- Hostels converted to Quarantine center at the Vadgaon campus.
- Campus, cricket ground opened for local people for playing, walking



CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

Governance and Leadership
Organisational Structure
Strategic Plan & deployment
Welfare schemes
Appraisal
Optimal Utilisation of resources
IQAC

FACILITIES IN THE INSTITUTION & CAMPUS

Promotion of gender equity

- CCTV installed in building & campus.
- Counseling cabin and Common Room for girls

Alternate sources of energy and energy conservation

- Solar energy: Solar panels installed on all the hostel roofs in campus.
- Use of LED bulbs is promoted to save energy.

Degradable and non-degradable waste management

- **Solid waste management:** wet waste collected by PMC and dry recyclable waste separately
- **Liquid waste management:** STP provided at campus level for treatment of grey water.
- **E-waste management:** by private party
- **Waste recycling system:** Treatment plant at campus treats grey water used for gardening

Water conservation

- Rain water harvesting: Practiced at hostel
- Bore wells: at two places Near shivneri hostel and cricket play ground in the campus

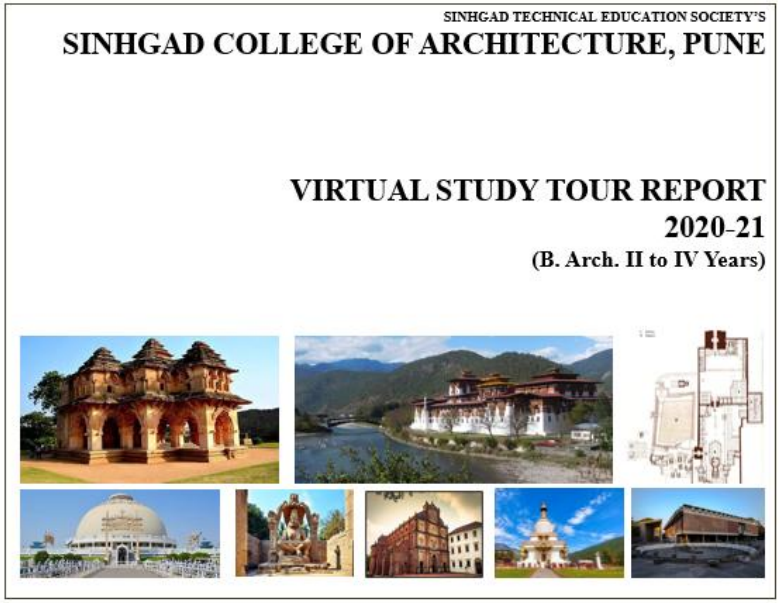
Green campus initiatives

- **Restricted entry of automobiles**: parking spaces provided, vehicular movement is restricted inside
- **Pedestrian Friendly pathways:** Pathways provided all over campus for the safety of pedestrians.
- **Ban on use of Plastic:** written on compound walls of campus
- **Landscaping with trees and plants:** variety of species of trees made campus green, serene and cooler

Barrier free environment

- **Ramps** for easy access to ground floor
- **Disabled-friendly washrooms**

INSTITUTIONAL BEST PRACTICES



Institutional Best Practice 1:

Virtual Architectural Study tours

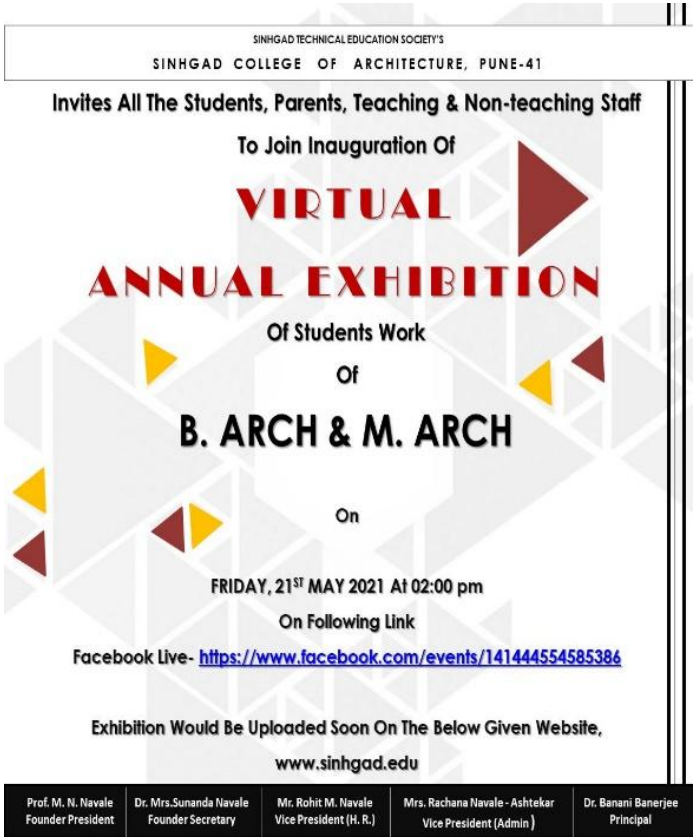
Every year study tours are conducted for all students from First year to Fourth Year B. Arch. This year, due to COVID 19 pandemic no tours were carried out, hence, virtual study tours are designed linking with Architectural Design Projects. Faculty and students of each class decided the place and studied based on secondary resources available in internet, so that the students get exposure of various places and would be equipped to design in varied physical and socio-cultural context. This Endeavour is conducted by Second, Third and Fourth year B. Arch. classes as admission to first year was delayed. This study comprises of following parts:

1. Study of the area and context.
2. Identification of site and finalization of Design project
3. Architectural Design project: site, preamble, requirement briefs
4. Virtual study tour report & documentation

Virtual Architectural Study tours: 2020-21

B.Arch. Architectural Virtual Study tours: Design Project		
Year & Division	***Places for virtual tour***	***Design Faculty coordinators***
FIRST YEAR B. ARCH. STUDY TOURS		
I A	Doyapada. Palghar	Ar. Manasi Khope, Ar. Namrata Kale, Ar. Namrata Khatod
I B	Amba, Kolhapur	Ar. Siddhesh Sable, Ar. Swapnapriya Barve, Dr. Manjusha Gokhale
I C	Palsunda, Palghar	Ar. Tejas Joshi, Ar. Ketaki Badge, Prof. Priti Dhanwat
I D	Malwan	Ar. Ashish Sakat, Ar. Tejaswini Jangale, Ar. Vishal Awchat, Dr. B. Banerjee
SECOND YEAR B. ARCH. STUDY TOURS		
II A	Nagpur	Ar.Tanmayee Panse , Ar. Priyanka Purohit
II B	Hampi	Ar.Leena Jain, Ar.Anuja Gurjar, Ar.Ila Shende
II C	Bhutan	Ar.Manjusha Zalte, Ar.Trishna Mahadkar
II D	Goa	Ar.Tejaswini Jangale, Ar.Mukta Pandit
THIRD YEAR B. ARCH. STUDY TOURS		
III A	Nagpur	Prof. Kalpana Hadap, Ar.Avani Topkar, Ar. Akshar Mendhe
III B	Chandigarh	Ar.Bijal Vakharia, Ar.Niketa Patil, Ar.Sarika Thakoor
III C	Chandigarh	Ar. Samvedna Jadhav, Ar. Kavita Patil, Ar. Ankoor Sakhare
III D	Goa	Ar.Priyanka Jadhav, Ar.Mukta Pandit, Ar.Sejal Desarda
FOURTH YEAR B. ARCH. STUDY TOURS		
IV A	Nagpur	Ar.Pranoti Lad, Ar.Shreyas Paranjape, Ar.Aditi Mahajan
IV B	Varanasi	Dr.Banani Banerjee, Ar.Indrayani Dasare, Ar. Pushkaraj Bankapure
IV C	Nanded	Prof.Preeti Dhanwat, Ar.Sanika Kulkarni
IV D	Goa	Ar.Kirti Bajare, Ar. Gayatri Bankapure, Ar. Ashish Sakat

INSTITUTIONAL BEST PRACTICES



Institutional Best Practice 2:

Online Exhibition of students' academic works

Every year exhibition of students' academic, co and extra-curricular activities are displayed in the college. A grand ceremony of inauguration by eminent architects or allied professionals. This year, due to COVID 19 pandemic no such exhibition was possible due to online teaching and working from home during lockdown.

Hence, an online exhibition was uploaded in a ceremonial announcement function with great enthusiasm and Best students works are uploaded in college website.

GLIMPSES OF

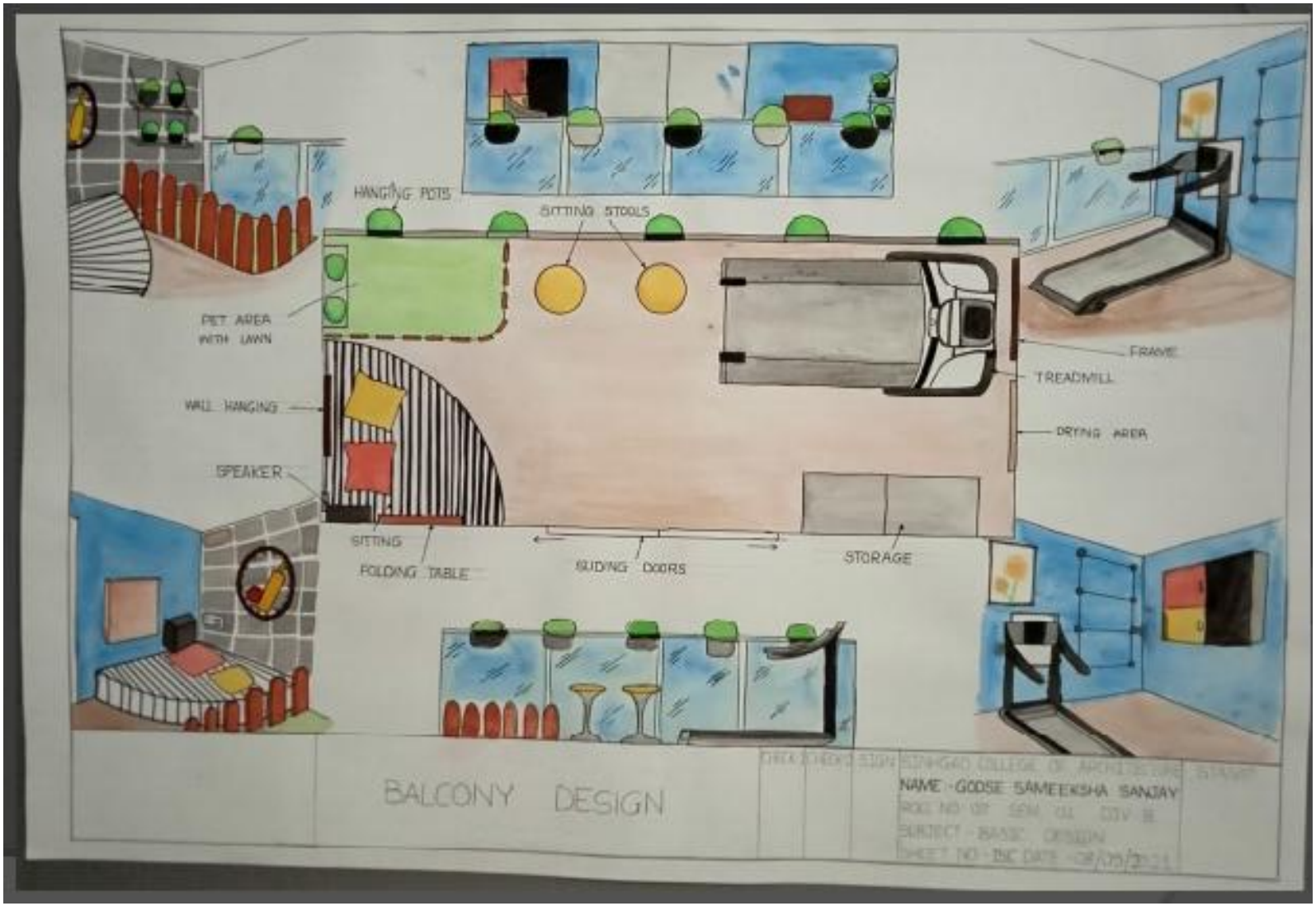
STUDENTS ACADEMIC WORKS

2020-21

B.ARCH.: 2020-21

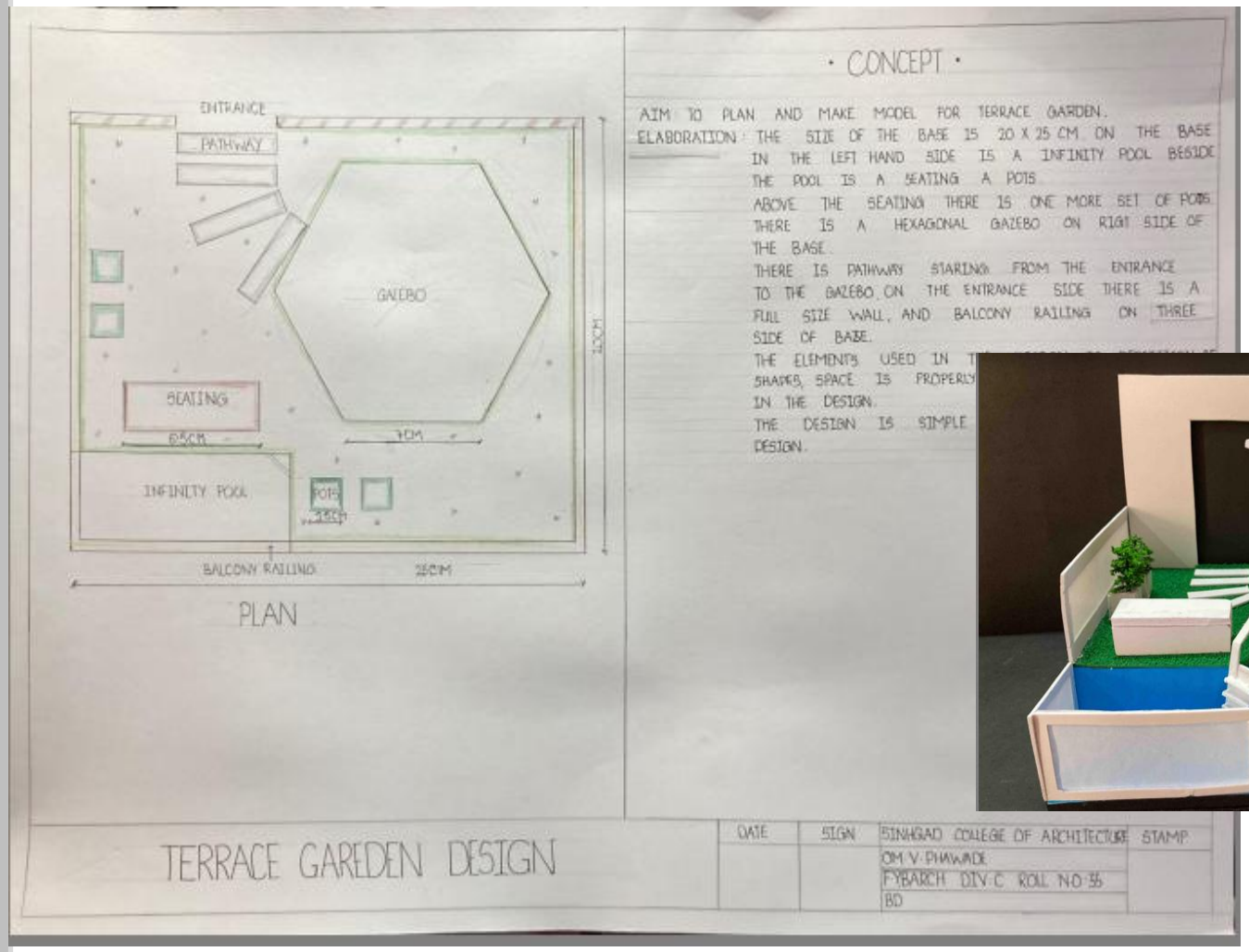
SEMESTER I-BASIC DESIGN

SEMESTER I-BASIC DESIGN

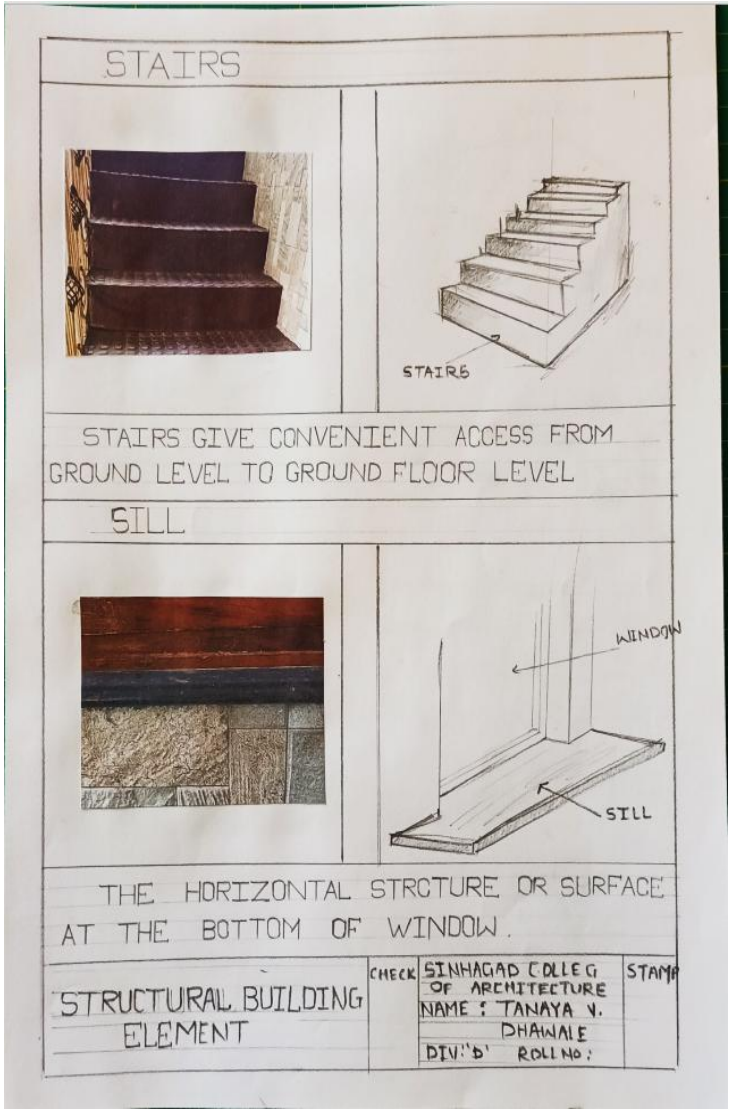


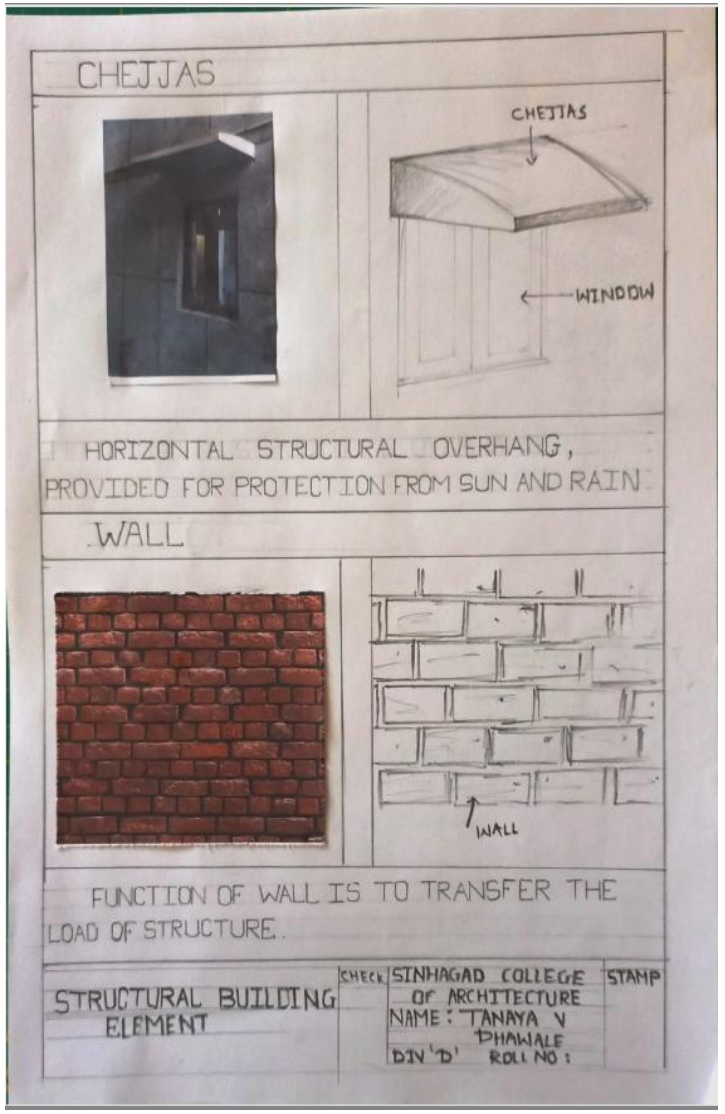
FIRST YEAR B.ARCH. 2020-21 (ONLINE)

SEMESTER I-BASIC DESIGN



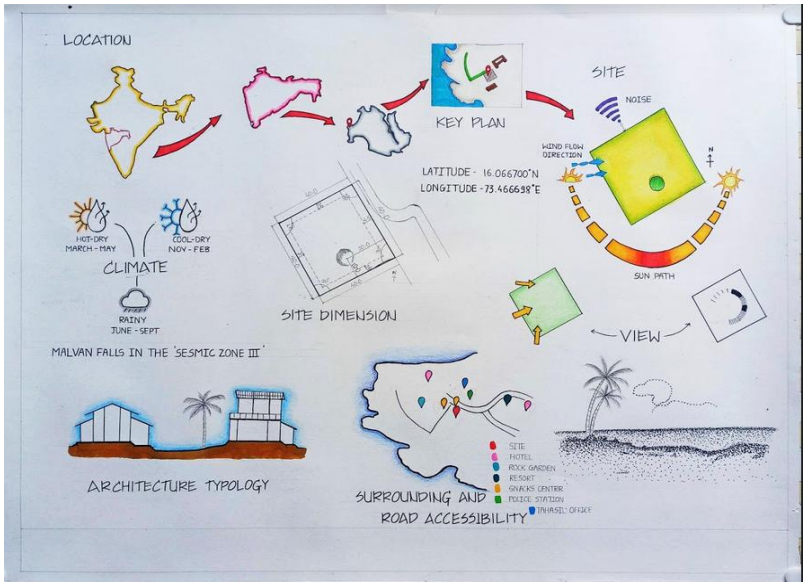
SEMESTER I-BCM I

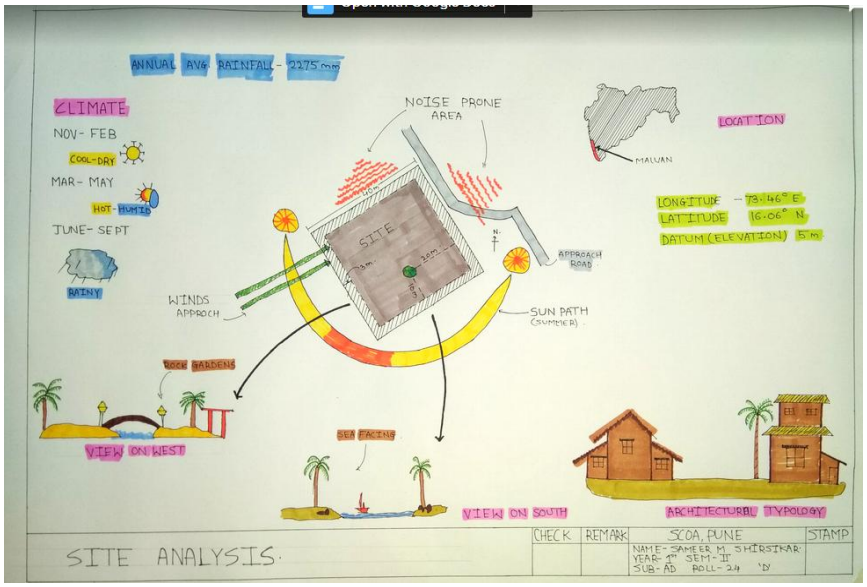


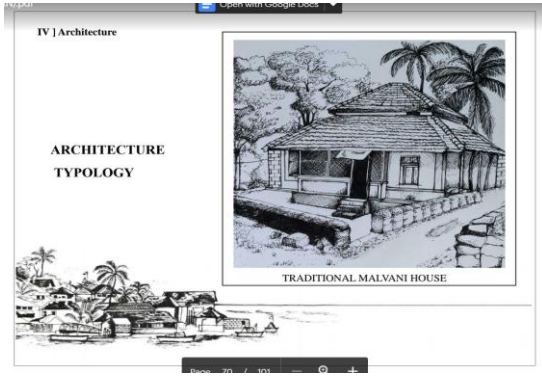


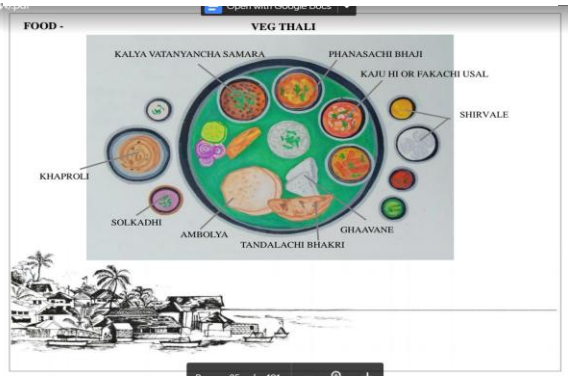
FIRST YEAR B.ARCH. 2020-21 (ONLINE)

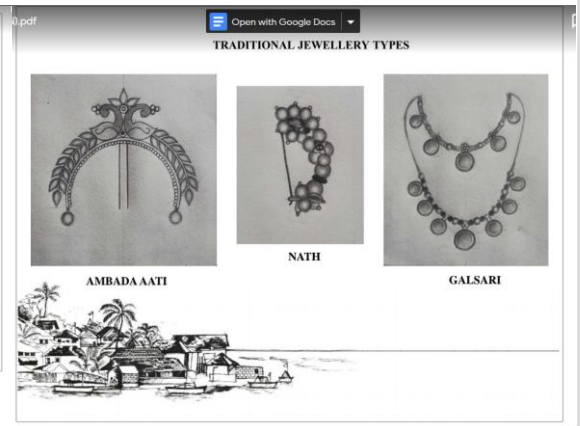
SEMESTER II- AD I
Tourist centre at Malwan









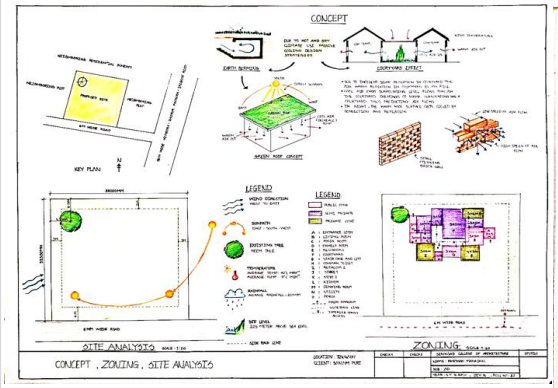


SEMESTER II- AD I

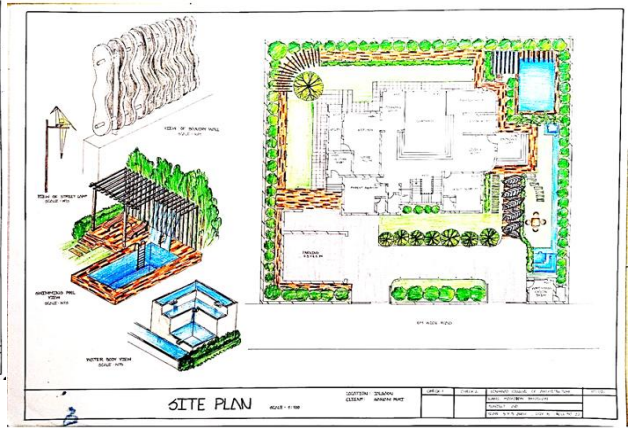
SECOND YEAR B.ARCH. 2020-21 (ONLINE)

SEMESTER III- AD II

Bungalow At Jalgaon

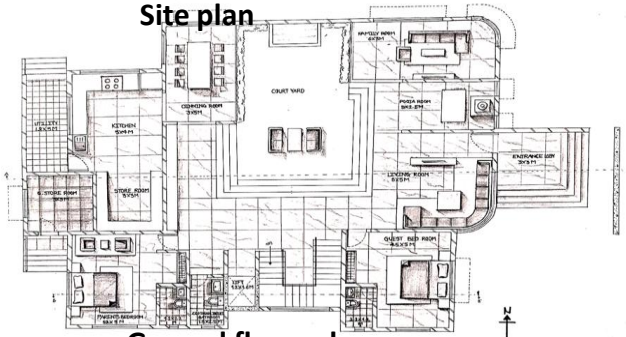


Site analysis and zoning



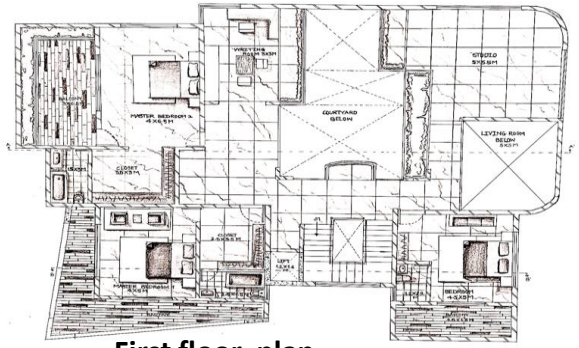
Site plan

Understanding user context

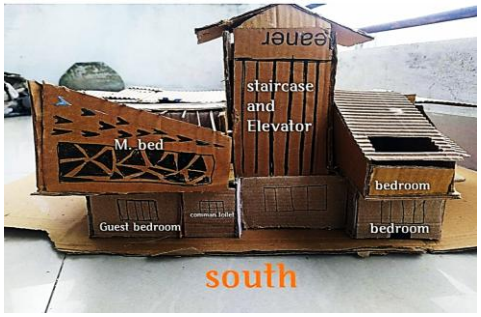


Ground floor plan

Sections



First floor plan

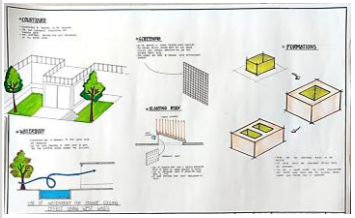


Study model photos

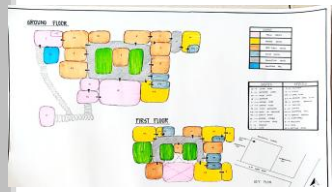
SECOND YEAR B.ARCH. 2020-21 (ONLINE)

SEMESTER III- AD II

Bungalow At Jalgaon



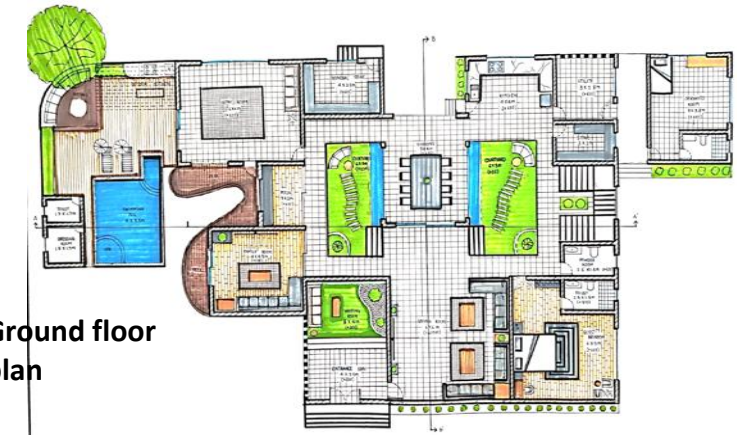
Site analysis and concept



Zoning & circulation

Study model

Drafted view of bungalow



Ground floor plan

First floor plan

Site plan

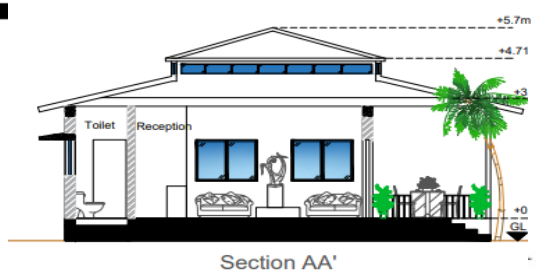
Sections

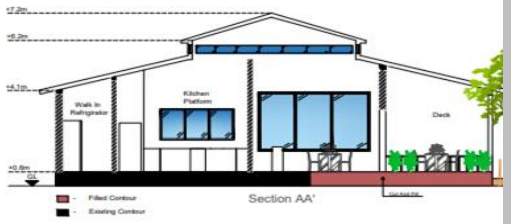
Elevations

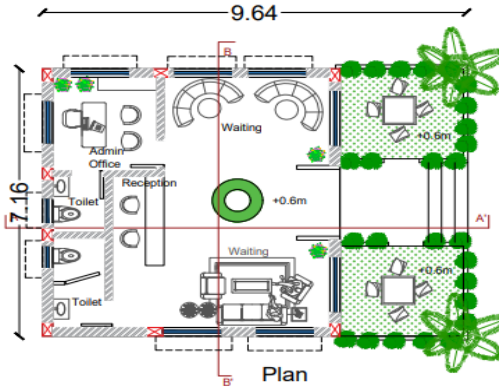
SECOND YEAR B.ARCH. 2020-21 (ONLINE)

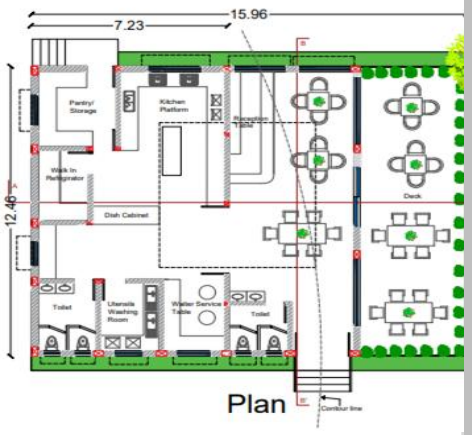
SEMESTER IV- AD I

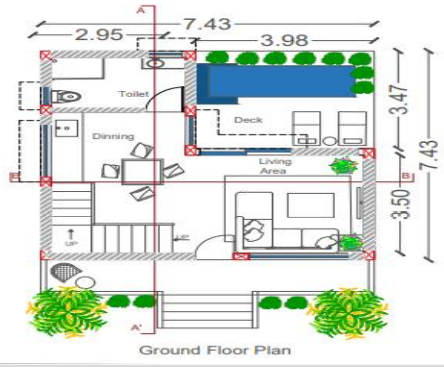
Major Project- Resort At Hampi





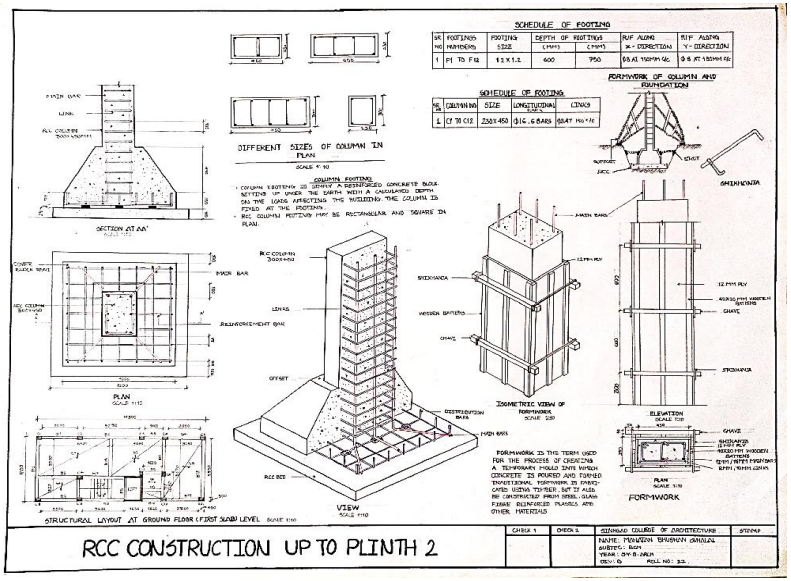


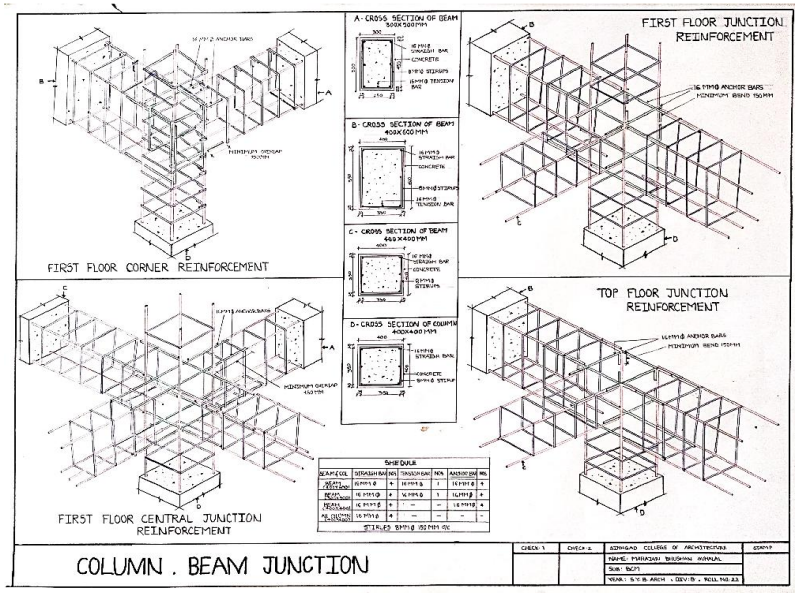


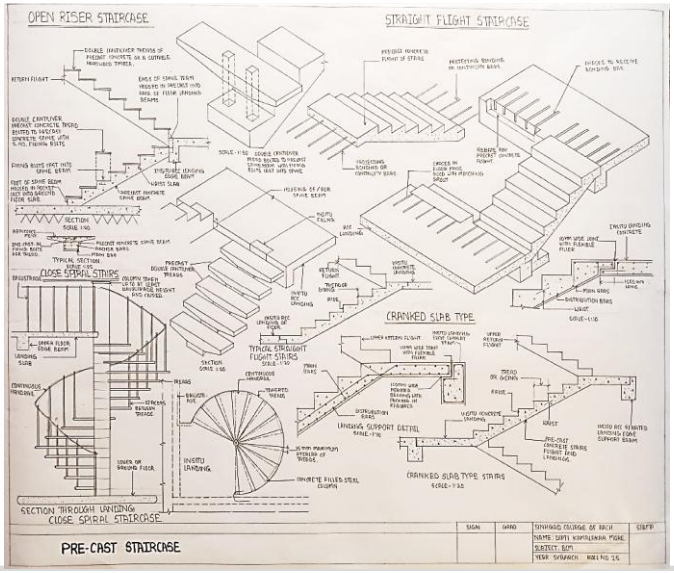


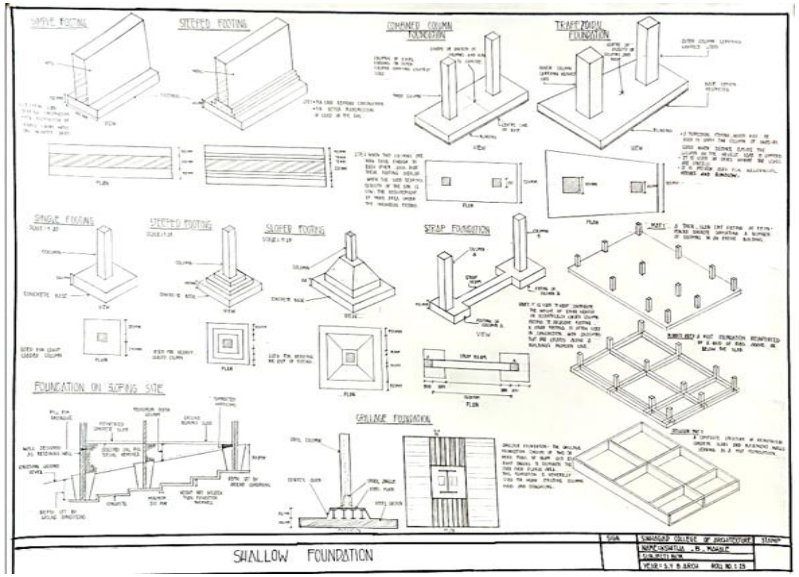
SECOND YEAR B.ARCH. 2020-21 (ONLINE)

SEMESTER III & IV- BCM III



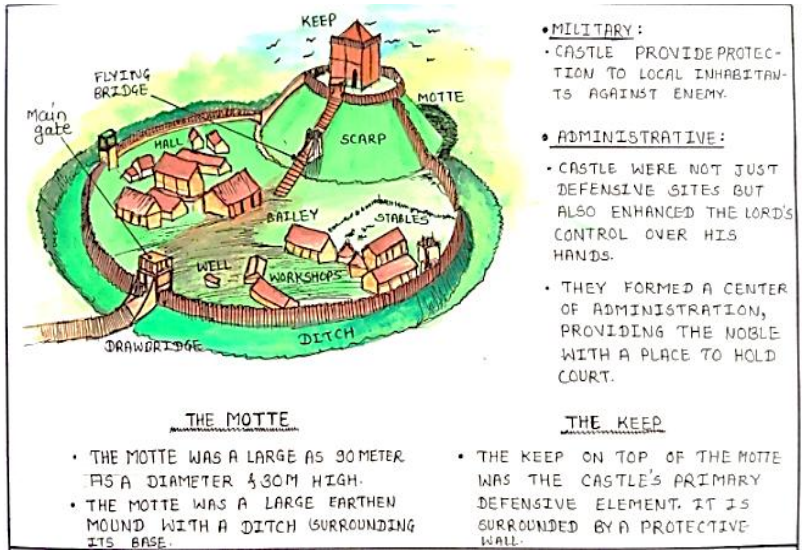


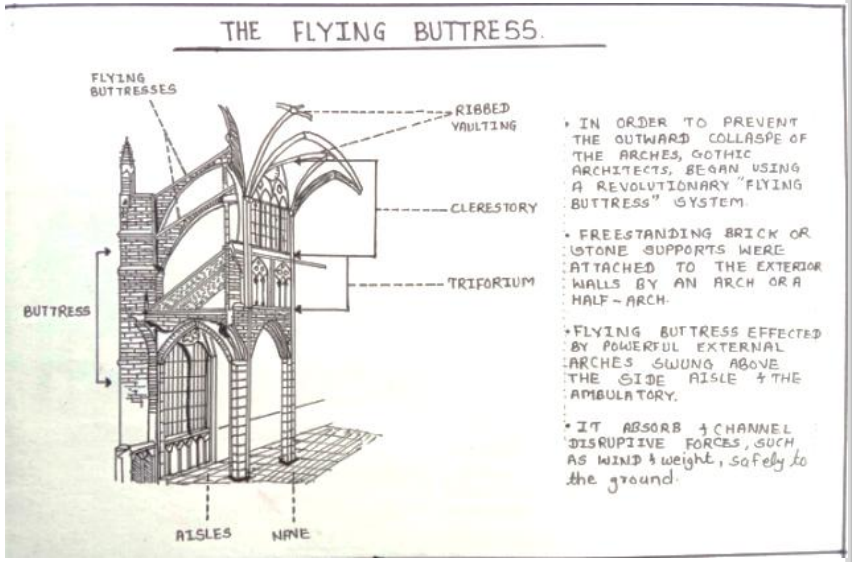


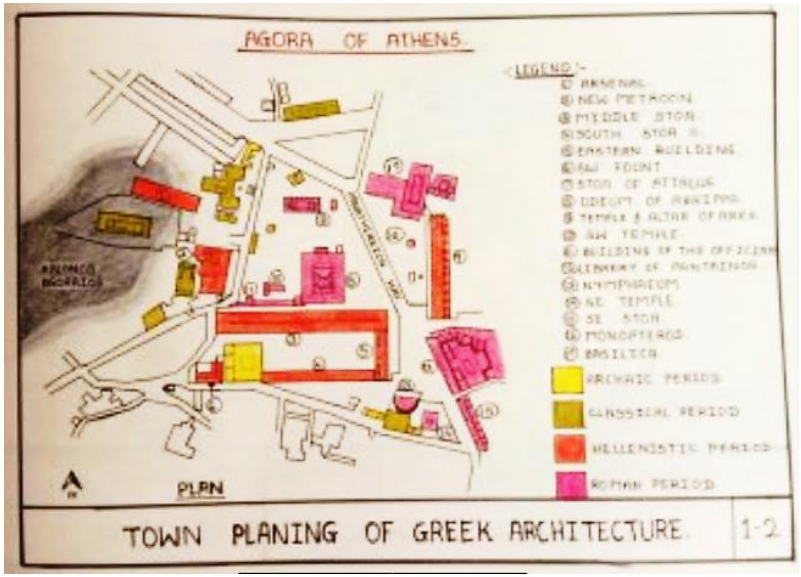


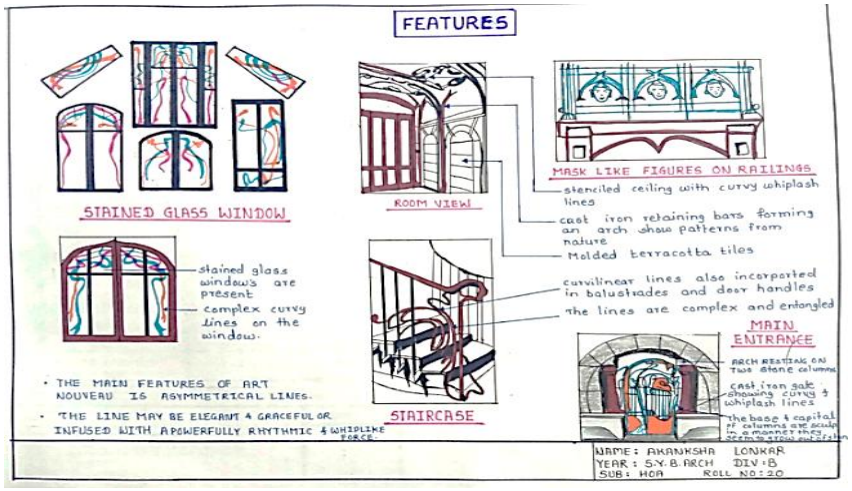
SECOND YEAR B.ARCH. 2020-21 (ONLINE)

SEMESTER III- HOAC III

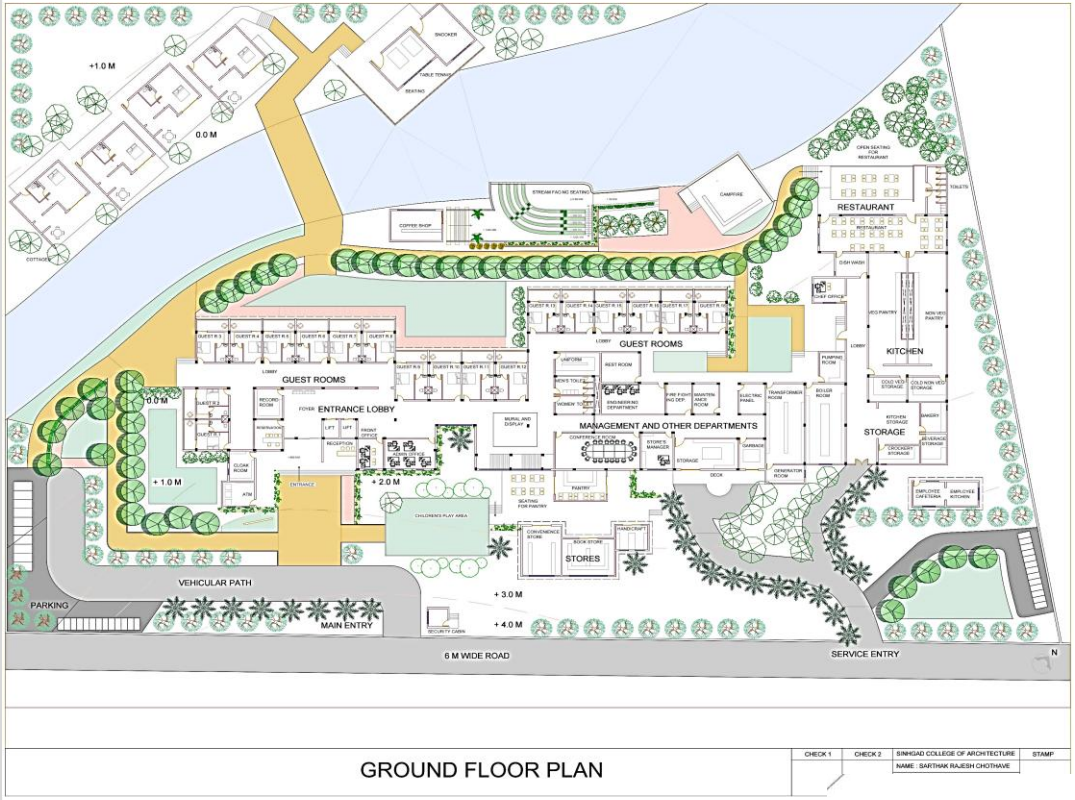








THIRD YEAR B.ARCH. 2020-21 (ONLINE)

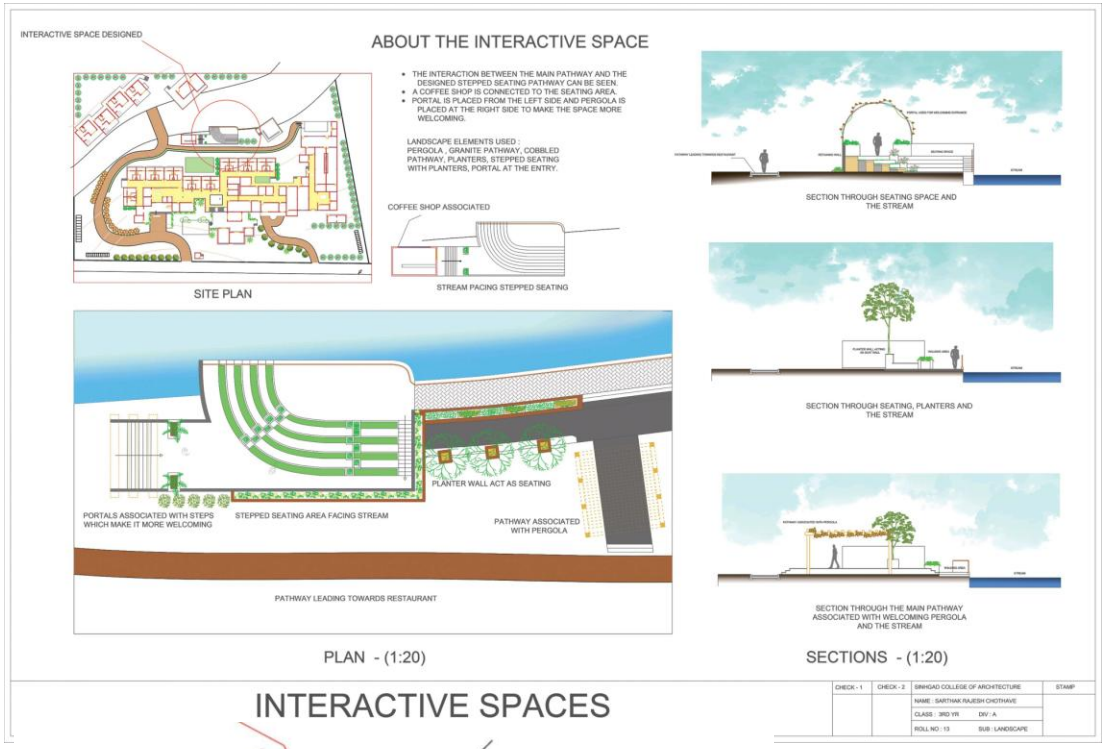


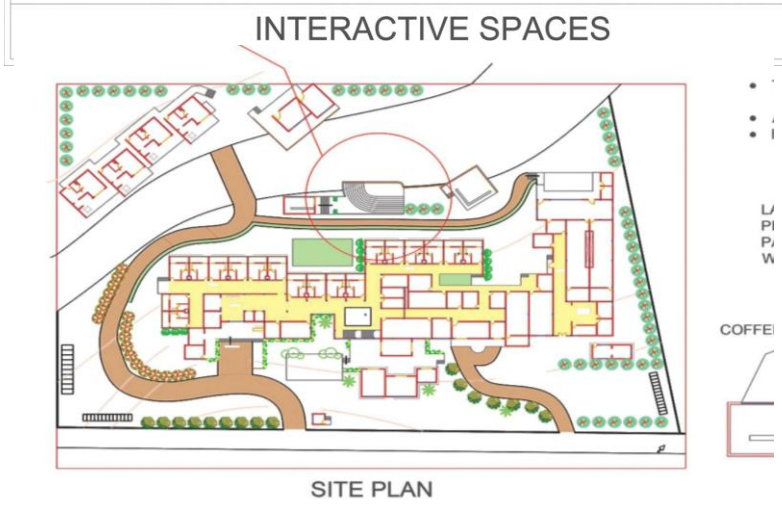
GROUND FLOOR PLAN

CHECK 1 | CHECK 2 | SINHGAD COLLEGE OF ARCHITECTURE | STAMP
NAME : SARTHAK RAJESH CHOTHAVE

SEMESTER V- DESIGN V
Wildlife Sanctuary resort, Uttarakhand

SEMESTER V- DESIGN V
Wildlife Sanctuary resort, Uttarakhand





THIRD YEAR B.ARCH. 2020-21 (ONLINE)

SEMESTER V- DESIGN V
Bank Branch Office. Near Pune

SINHGAD TECHNICAL EDUCATION SOCIETY'S
SINHGAD COLLEGE OF ARCHITECTURE , PUNE 411041

PHONE : 435 5884, 3527, 0465, 0468, 0541, 2723 ext 729 FAX : 4353527 ext 729

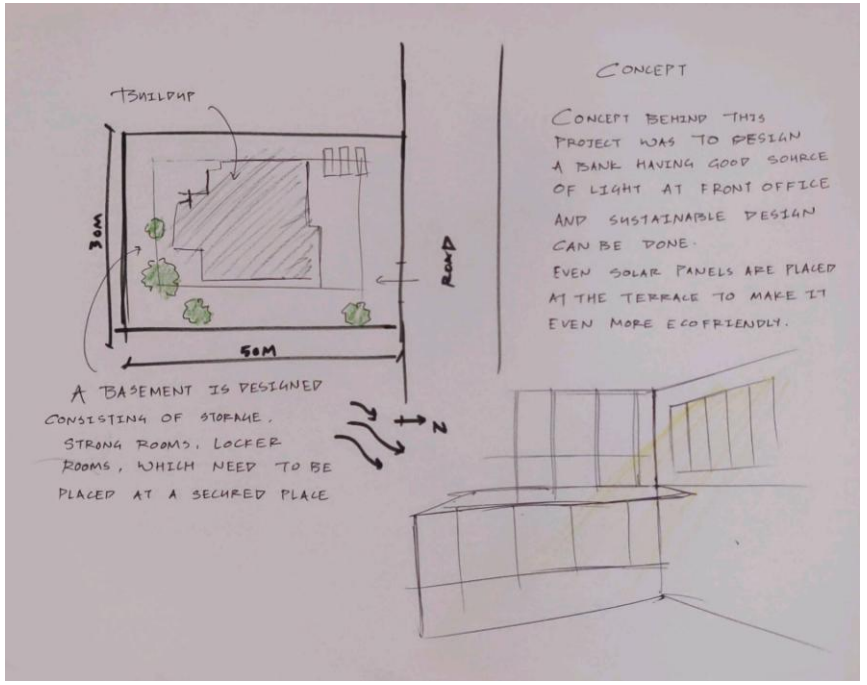
SESSION : 2020 – 2021 TERM I: June to Dec CLASS : III B. ARCH
SUBJECT :**DESIGN V**
PROJECT : **BANK BRANCH,** , MAIN ROAD (Minor project)
Studio Team :Prof. Ar.Kalpana Hadap , Ar.Akshar Mendhe, Ar. Avani Topkar
Date of Introduction : 20th Oct 2021 TOTAL MARKS : 100
Date of Submissions : Overall schedule

1) Introduction:

An Educational Trust has proposed a residential Bank Branch at the outskirts of Pune .A ground plus one structure is proposed having all the functions of a branch bank. It also includes a locker and strong room .The capacity of this Branch is for about 20 people and 10 employees and a Branch Manager. The plot size is 30 m x 50 m. the 30 m side faces North and is along a 12.0 m wide road.

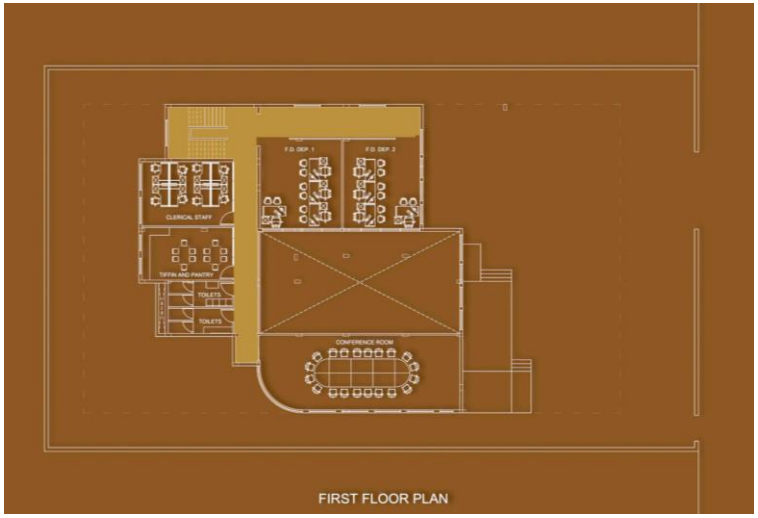
SITE AREA 1500 SQM
REQUIRMENTS

NO	DESCRIPTION	NO OF ROOMS	AREA (SQM)
1	BANK HALL		400
	WAITING AREA FOR 20 PEOPLE	20	
	TOKEN COUNTER	1	
	SAVINGS COUNTER	1	
	PASSBOOK UPDATE	1	
	CHEQUE DEPOSIT	1	
	CASIER	1	
2	MANAGER'S CABIN WITH ATTACHED TOILET		25
3	ASSISTANT MANAGER	1	15
4	CLERICAL STAFF	2	25
5	LOAN DEPARTMENT	2	50
6	F D DEPARTMENT	2	150
7	LOCKERS		150
	STRONG ROOM	1	25
	SERVER ROOM	1	25
8	TIFFIN ROOM WITH PANTRY	1	30
9	CONFERENCE ROOM 10 PEOPLE	1	150
	ADEQUATE TOILETS AT APPROPRIATE LOCATIONS		
	TOTAL CARPET AREA		1045
	15% WALL AREA		156.75
	30% CIRCULATION SPACE		313.5
	TOTAL BUILT UP AREA		**1515.25**



BANK VIEWS

SEMESTER V- DESIGN V
Bank Branch Office, Near Pune

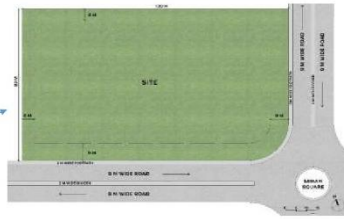


THIRD YEAR B.ARCH. 2020-21 (ONLINE)

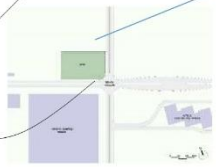
SEMESTER VI- DESIGN VI
Cognizant IT Office, Nagpur

India (Nagpur)

Nagpur (Mihan)



Mihan


Site location

Climate

Chance of precipitation during the year:

FIRST FLOOR PLAN
INFORMATION TECHNOLOGY OFFICE AT MIHAN, NAGPUR

GROUND FLOOR PLAN
INFORMATION TECHNOLOGY OFFICE AT MIHAN, NAGPUR

SECOND FLOOR PLAN
INFORMATION TECHNOLOGY OFFICE AT MIHAN, NAGPUR

SEMESTER VI- DESIGN VI
Prototype Covid vaccination centre

DESIGN-VI

19th March 2021

Time Problem

Time: 9.00 am to 10.30 am
1 hour 30 min
Max. marks: 100

Instructions to the candidates:

All drawings to be drawn at a scale of 1:100 .Total drawings including concept should be three – A4 sheets of white paper.
The drawings should be self-explanatory with requisite graphics, nomenclature, dimensions, levels and structure clarity. Use pencil colours.
Convert the same into a single pdf file with pages in the sequence of reading. Upload pdf on classroom.

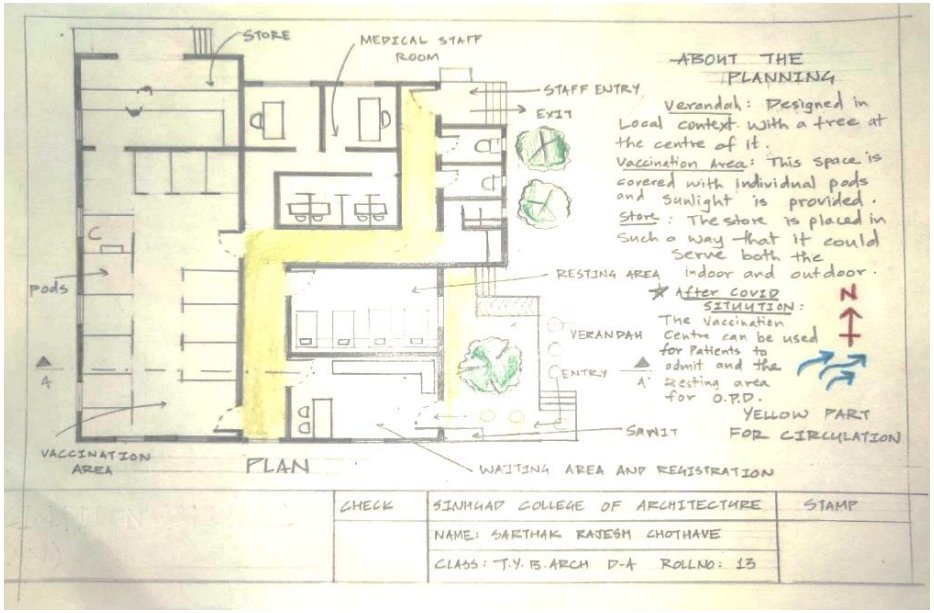
DESIGN TOPIC:

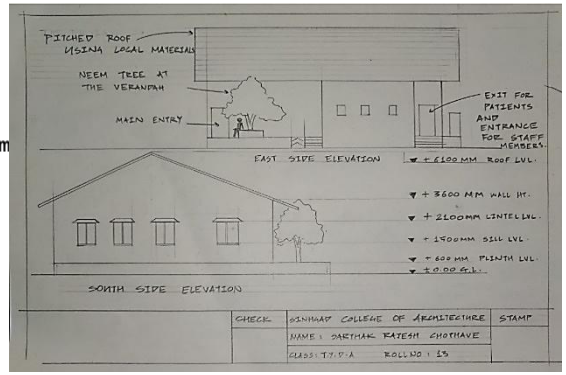
A COVID VACCINATION CLINIC
Prototype to be Designed for Rural areas of Maharashtra

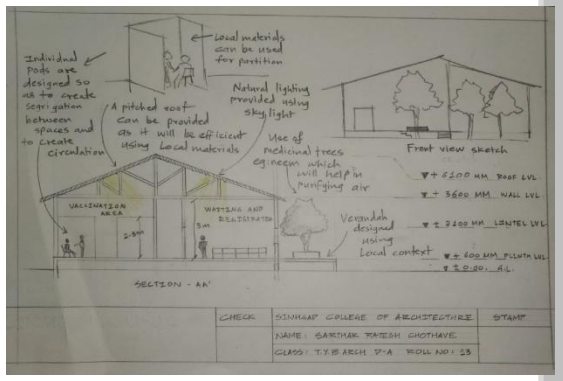
A Vaccination centre is to be designed for villages in Maharashtra for the present mass vaccination of people during this pandemic. This centre can later be used as a clinic having basic medical facilities.
The space should cater to registration, waiting area, vaccination area and resting area. The area should adequate for 2 Doctors , 4 nursing staff, 2 support staff and 2 housekeeping staff.

DESIGN BRIEF

A	**ENTRANCE**		
1	Verandah	15	
2	Waiting area+registration (15 people)	20	
3	Vaccination area	50	
4	Resting area	15	
5	Store	15	
6	Ladies+Gents toilet & wash	10	
7	Medical staff room	25	
	TOTAL AREA	**150 sm**	

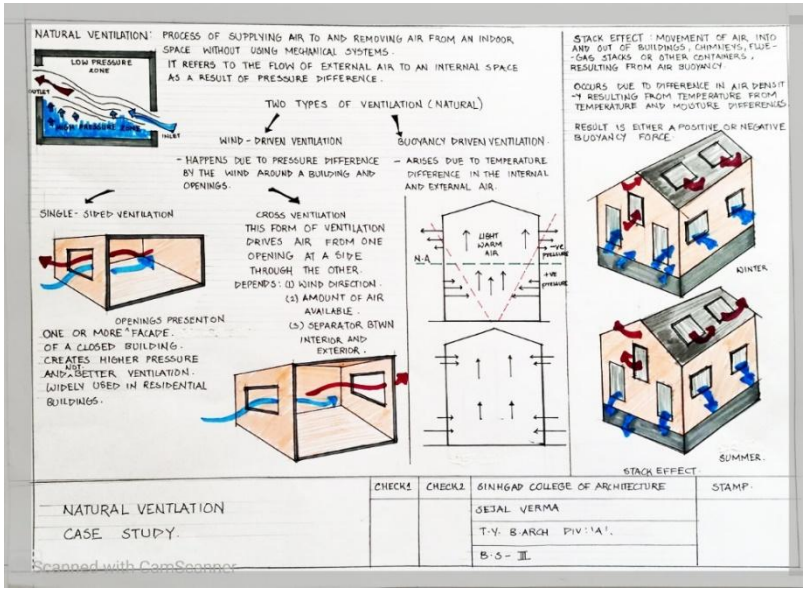


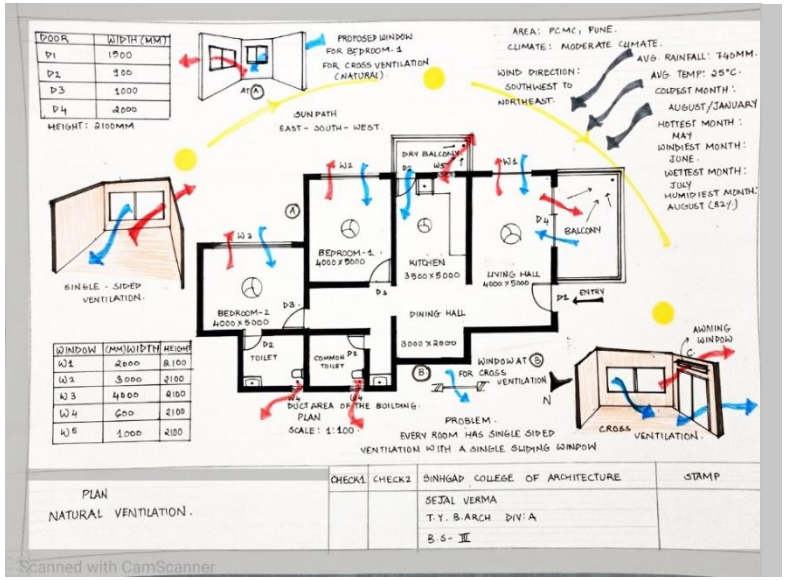


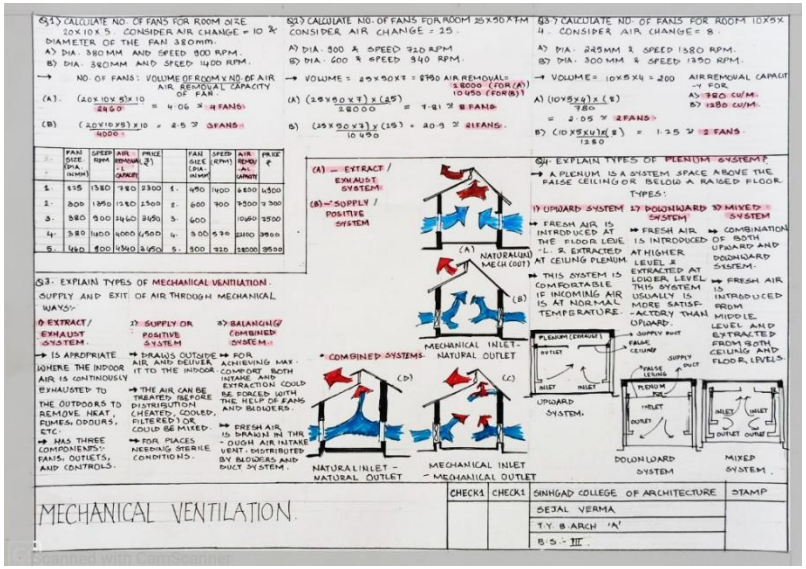


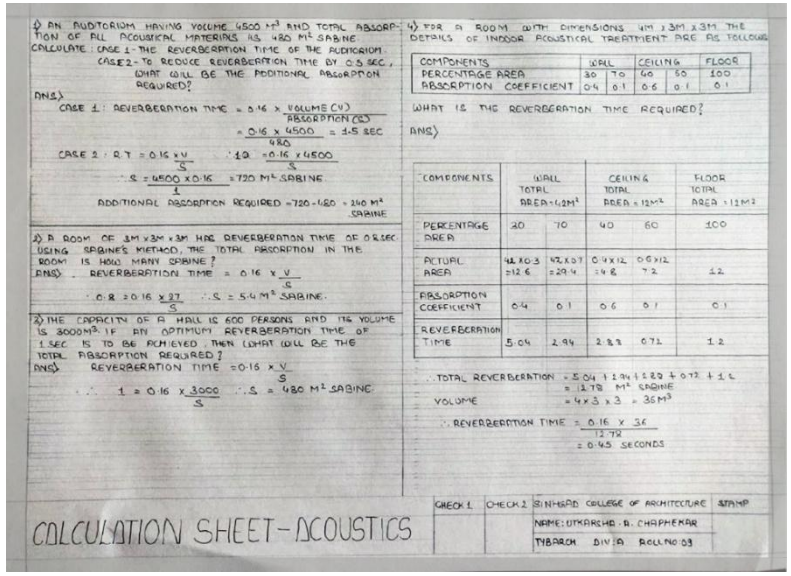
THIRD YEAR B.ARCH. 2020-21 (ONLINE)

SEMESTER V & VI- BS V & VI



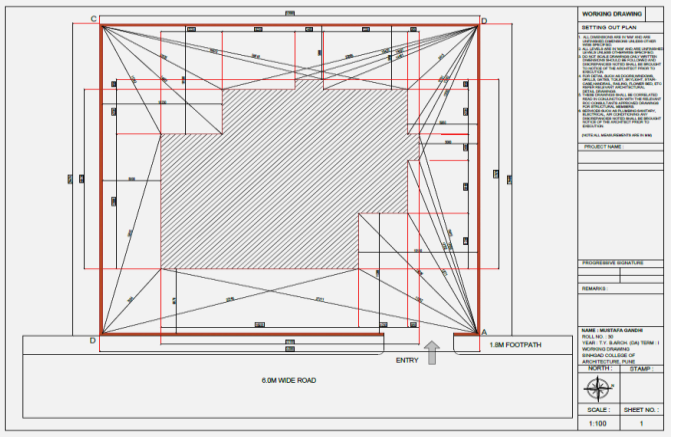


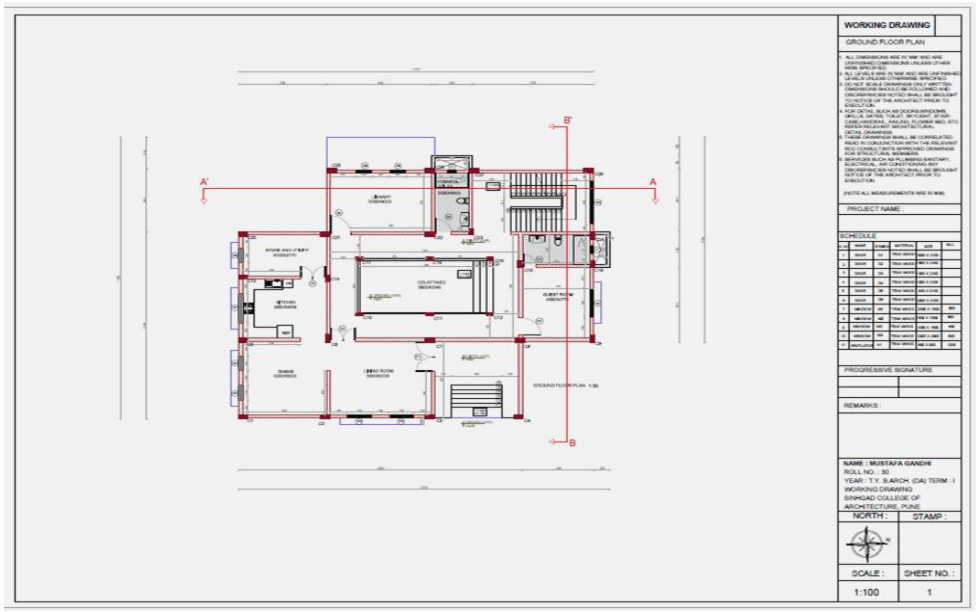


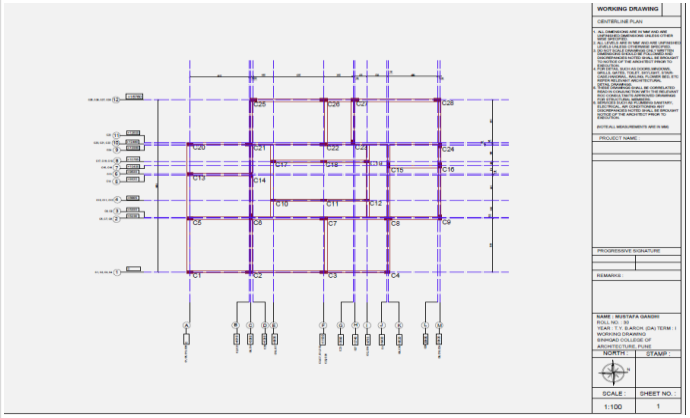


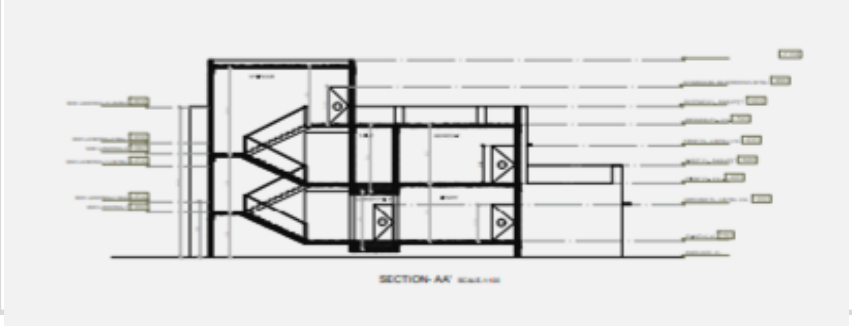
THIRD YEAR B.ARCH. 2020-21 (ONLINE)

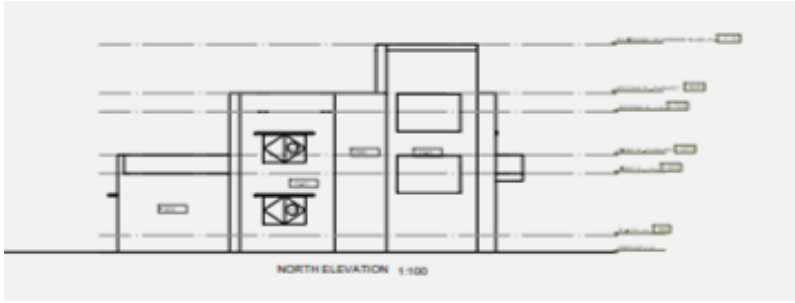
SEMESTER VI- WD II





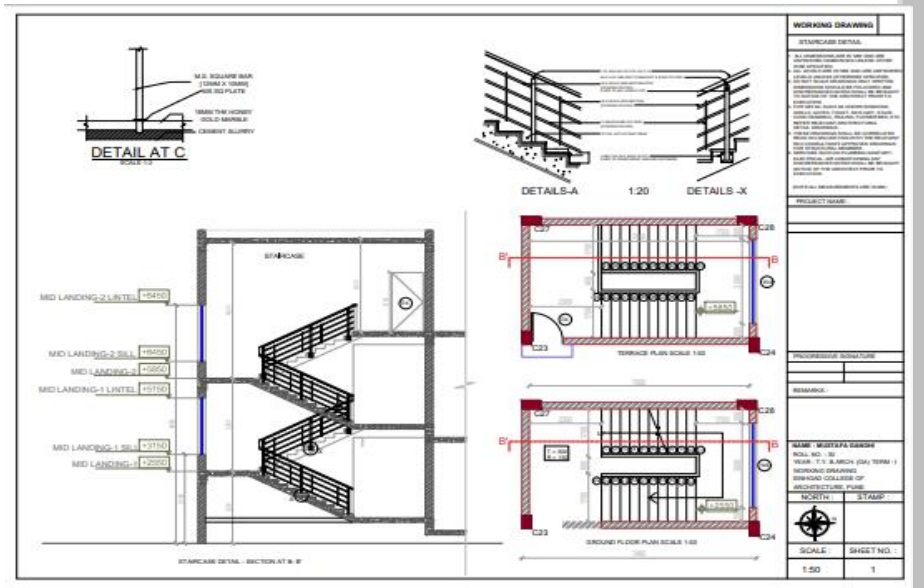


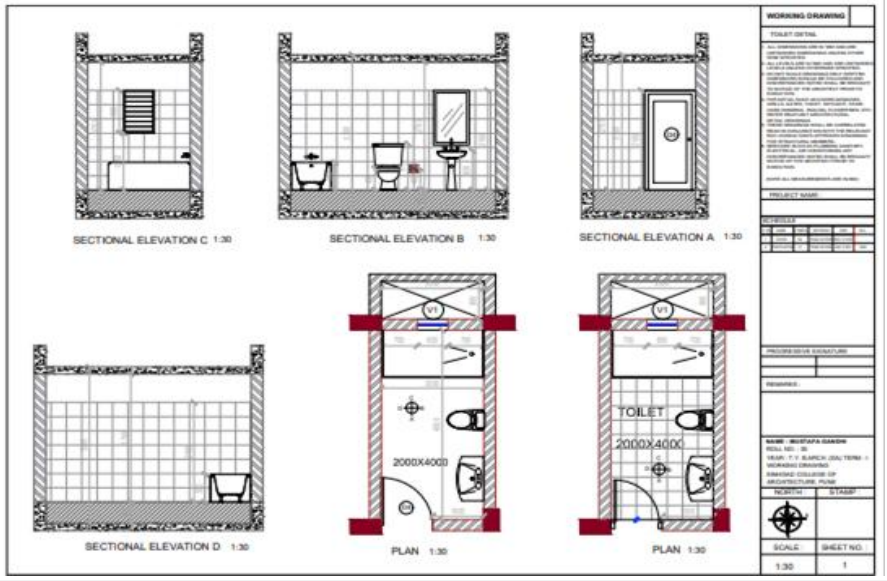




THIRD YEAR B.ARCH. 2020-21 (ONLINE)

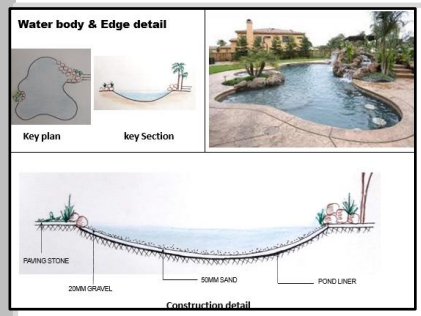
SEMESTER VI- WD II

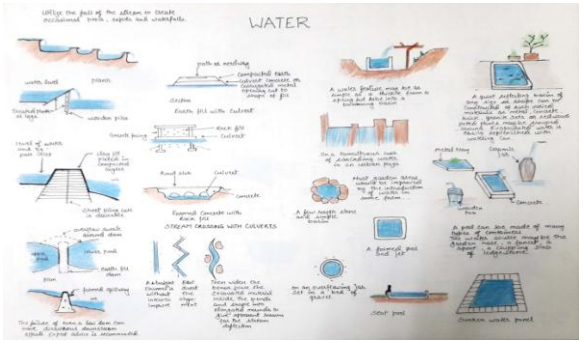




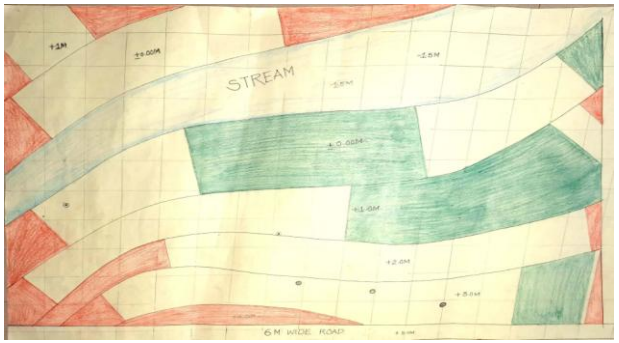
THIRD YEAR B.ARCH. 2020-21 (ONLINE)

SEMESTER V - LANDSCAPE ARCHITECTURE I

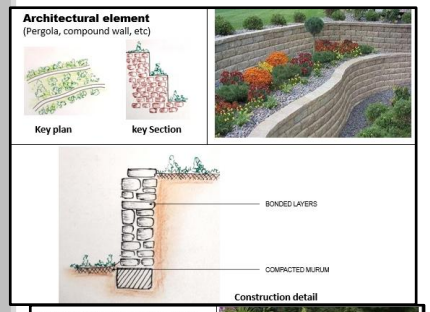


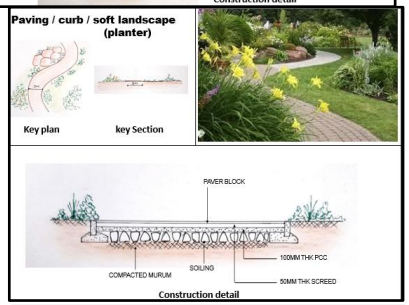


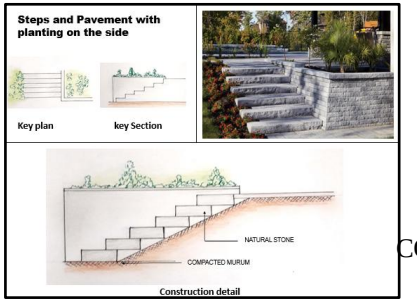
LANDSCAPE ELEMENTS AND FUNCTIONS



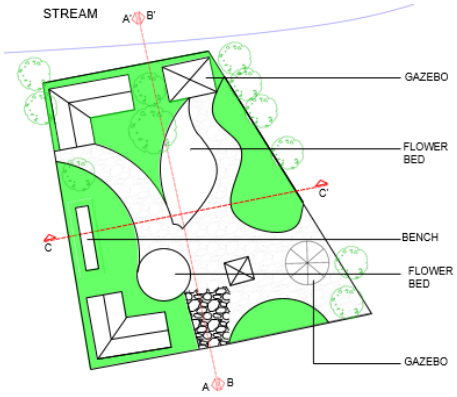
SITE ANALYSIS & CONTOUR ANALYSIS



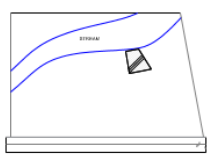




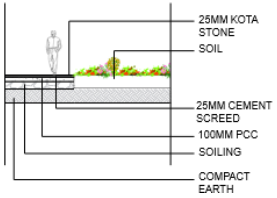
CONSTRUCTION DETAILS



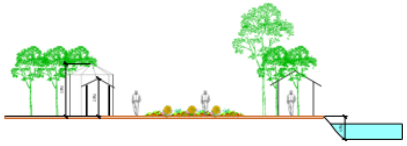
PLAN



KEY PLAN



SECTION CC'



SECTION BB'

SECTION AA'

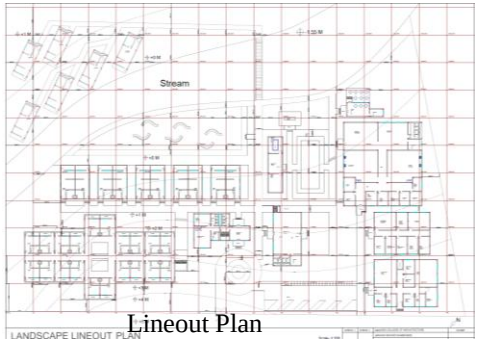
INTERACTIVE SPACE PROJECT

SEMESTER VI- LANDSCAPE ARCHITECTURE II

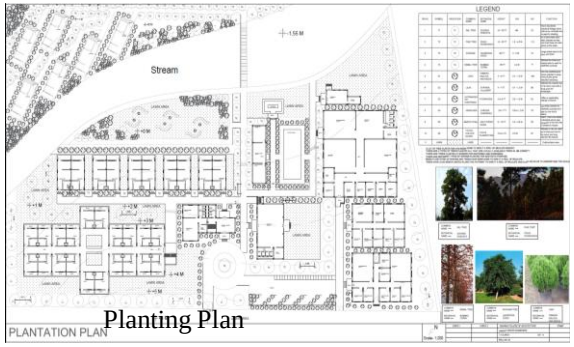
LANDSCAPE PROJECT MASTER PLAN

Irrigation Plan

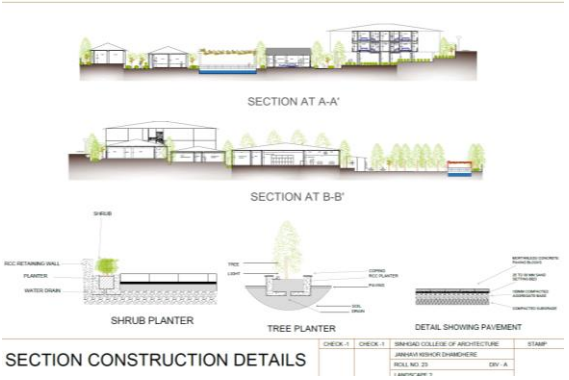
Material Plan



Lineout Plan

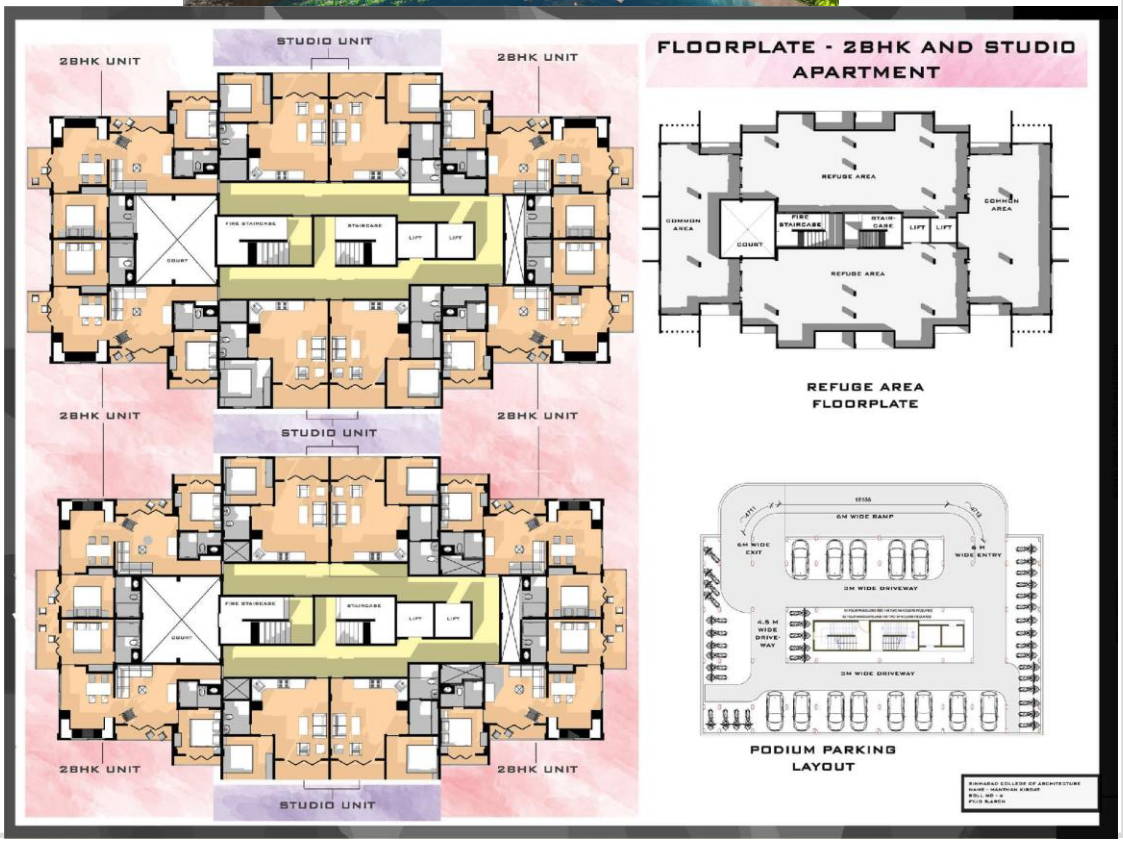


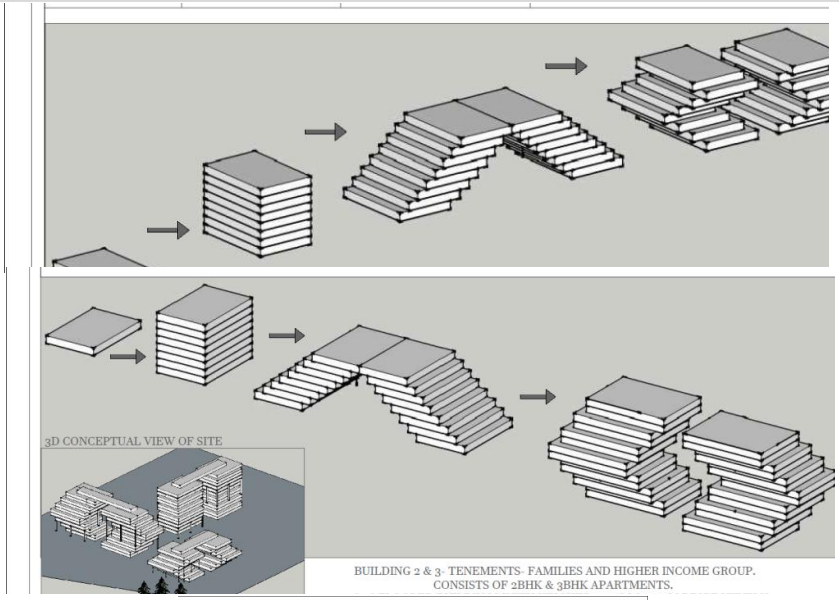
Planting Plan

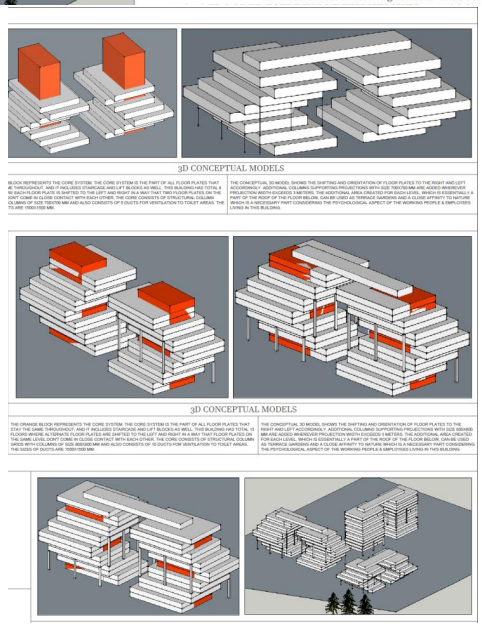


FOURTH YEAR B.ARCH. 2020-21 (ONLINE)

SEMESTER VII- DESIGN VII: Housing





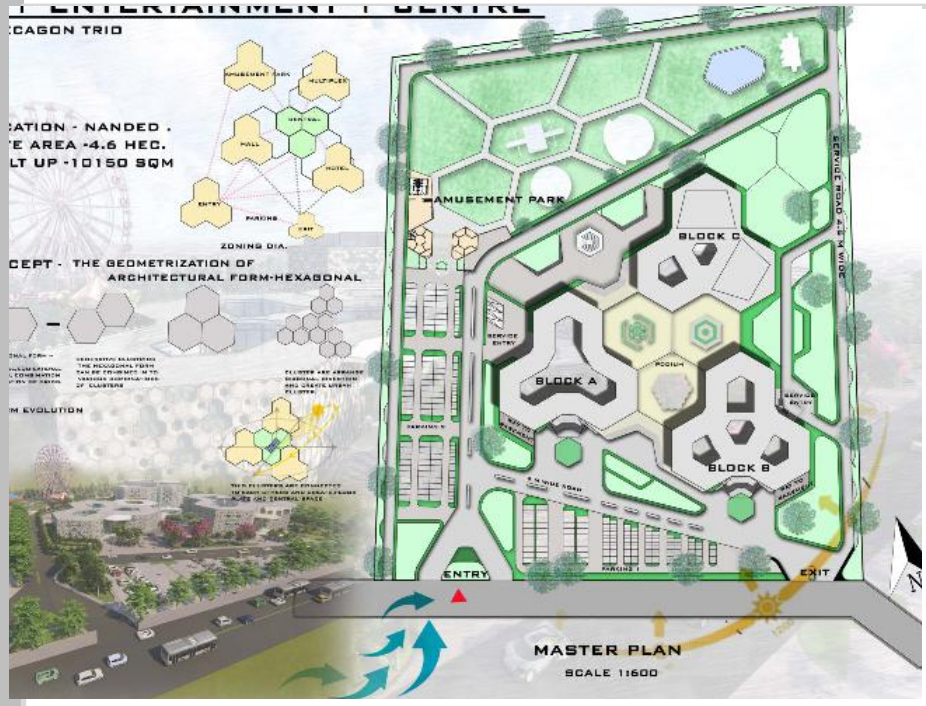


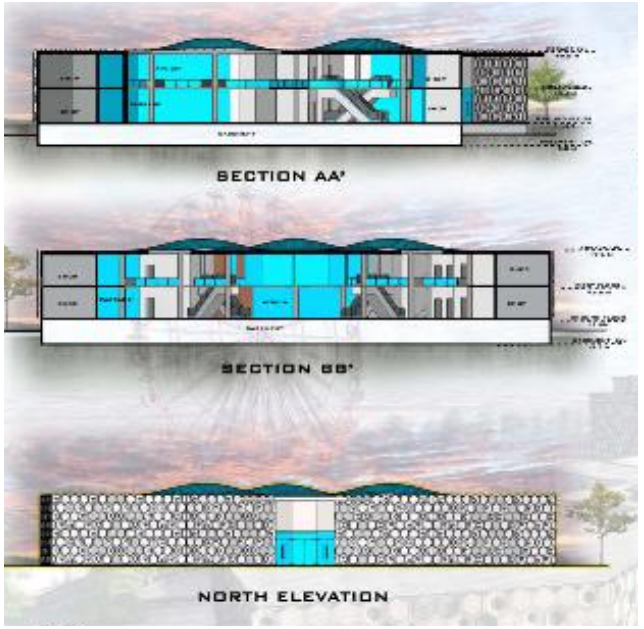
SEMESTER VII- DESIGN VII:
Housing: concept development

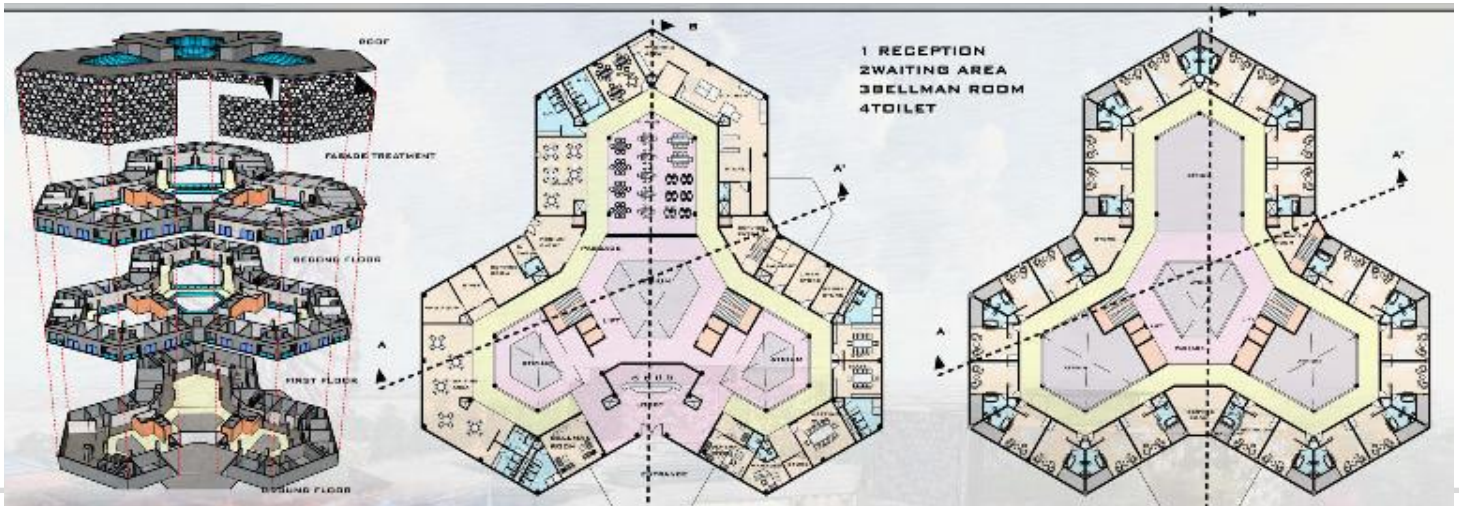
FOURTH YEAR B.ARCH. 2020-21 (ONLINE)

SEMESTER VII- DESIGN VII: Housing

SEMESTER VIII- DESIGN VIII
Urban Entertainment Centre







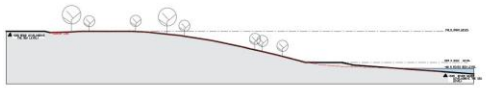
SEMESTER VIII- DESIGN VIII
Godawari Project

THE
GODAWARI
PROJECT.

Nanded is an important religious centre for the Sikhs and in many ways a typical small Indian town. The River Godavari bisects the city into North and South Nanded and is the focus of the religious and social life of Nanded.

ACTIVITY MAPPING

SITE SECTION



SITE SECTION

PROBLEMS ADRESSED

Plastic Waste and Discarded Material due to the Flood on the Banks of the river.

Improper and Poor Drainage Management

Serious Threats to the River

Inattentive and Irresponsible Authorities

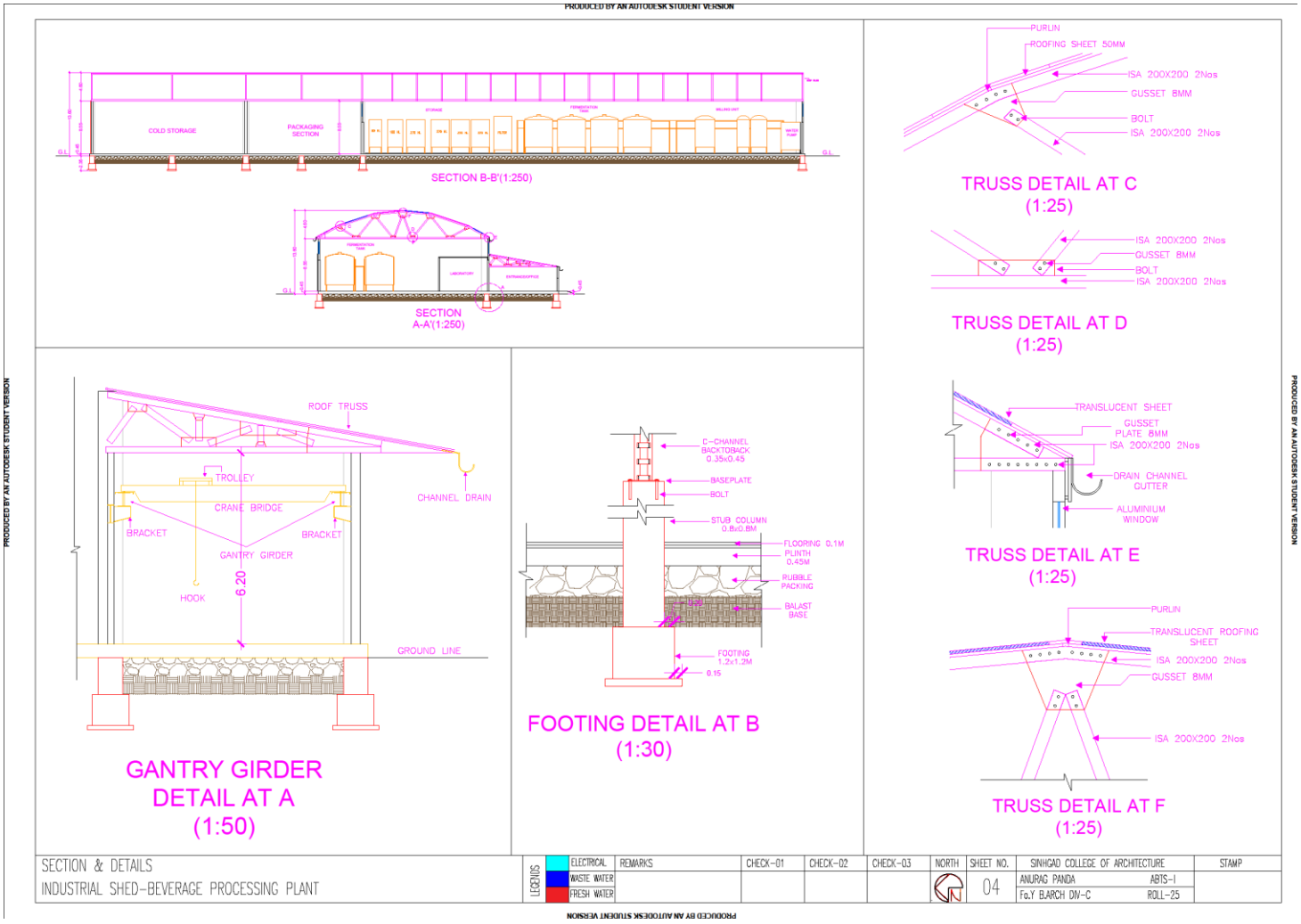
LAND USE MAPPING

MOVEMENT MAPPING

DRAINAGE MAPPING

POOJA LALE
ROLL NO. 08
FOURTH Y.DIV:C
SCOA - PUNE

SEMESTER VII – ABTS I



SEMESTER VIII – ABTS II

PRODUCED BY AN AUTODESK STUDENT VERSION

EQUIPMENT LIST

1.DIGITAL AUDIO MIXER
YAMAHA RIVAGE PM10 MIXER

2.AUDIO PROCESSOR
YAMAHA DME24N PROCESSOR

3.FEEDBACK SPEAKER
YAMAHA SM15V FEEDBACK SPEAKER

4.SUB-WOOFER SPEAKER
YAMAHA CXS18XLE 2000W SUB-SPEAKER

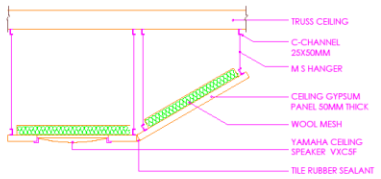
5.WALL SPEAKER
YAMAHA VXC5F CEILING MOUNTED SPEAKER 40W

6.SURFACEMOUNT SPEAKER
YAMAHA VS4W 40W SPEAKER

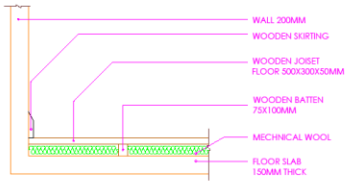
LEGEND TABLE

LEGEND	DESCRIPTION
CMS	CEILING MOUNTED SPEAKER
WMS	WALL MOUNTED SPEAKER
NETWORK SWITCH	NETWORK SWITCH
MIC	MICS
FEEDBACK SPEAKER	FEEDBACK SPEAKER
SUB-WOOFER	SUB-WOOFER SPEAKER
	CAT5E NETWORK WIRING

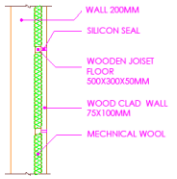
ACOUSTIC CONSTRUCTION DETAILS



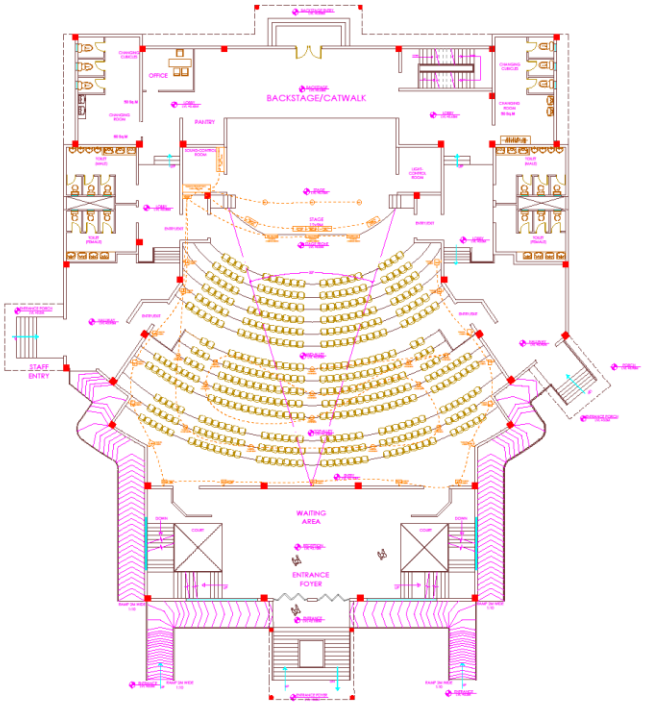
DETAIL OF SUSPENDED CEILING PANEL



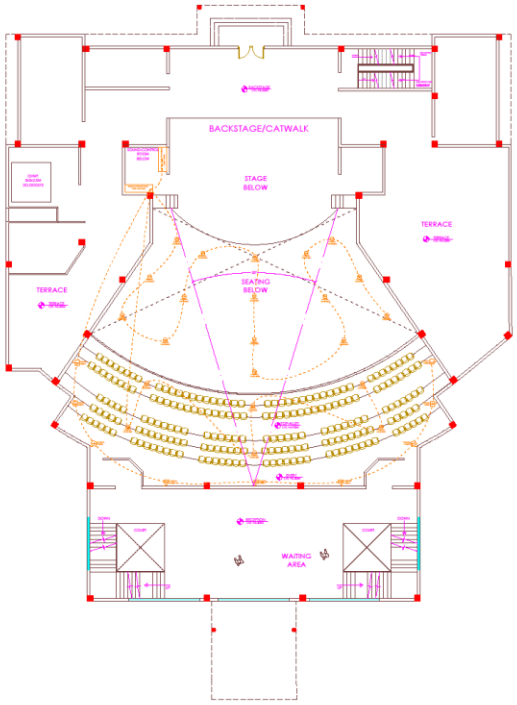
COMPOSITE FLOOR FOR ACOUSTICS



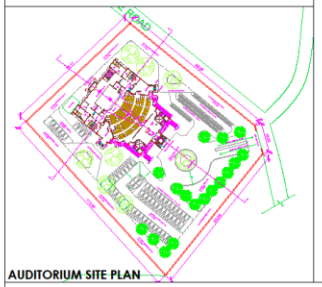
WOODEN CLADDED TREATED ACOUSTIC WALL



AUDIO SYSTEM AND ACOUSTICS PLAN FOR GROUND FLOOR
SCALE-1:150



AUDIO SYSTEM AND ACOUSTICS PLAN FOR TERRACE FLOOR
SCALE-1:150



AUDITORIUM SITE PLAN

AUDITORIUM DESIGN – AUDIO SYSTEM AND ACOUSTICS LAYOUT

REMARKS	CHECK-01	CHECK-02	NORTH	SHEET NO.	SINHGAD COLLEGE OF ARCHITECTURE	STAMP
				06	ANURAG PANDA ABTS-II Fo.Y B.ARCH DIV-C ROLL-25	

PRODUCED BY AN AUTODESK STUDENT VERSION

FUTURE INDUSTRIAL DEVELOPMENT PROPOSALS

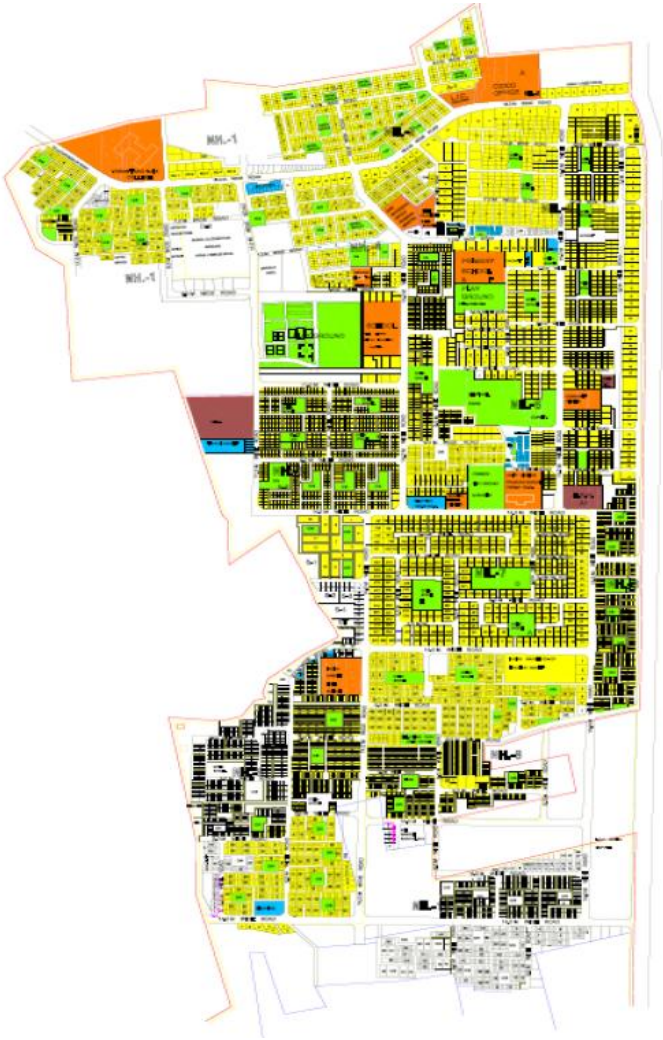
CIDCO was appointed as SPA in october 1974 for development of new nanded.
•250 hectares equipped with the entire necessary physical infrastructure
•174 plots + 42 shop-lets were developed as mondha market
•7,884 houses for all income groups
•Handed over to the nanded waghala municipal corporation on 7th october, 2005.

Project at a glance

•Total area: 174 HA
•Population: around 50,000
•No of housing schemes: 04 nos
•No of houses: 7884 nos
•No of plots: 1200 nos
•Community centers: 2 nos
•Central park: 1 nos
•Water supply: nearly 5 MLD capacity distribution network
•ESR: 2 nos, GSR: 1 nos
•Sewage treatment plant: 3 MLD capacity

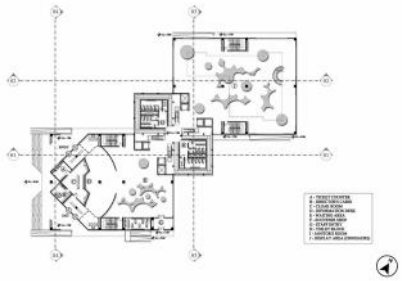
Current status

•Mondha market was handed over to nwmc in feb. 2008 along with rs. 9.00 crore.
•In cidco new nanded area were handed over to nwmc in sept. 2005 along with rs. 2.72 crore



Tilak Kogta, Proposed National Museum of Natural History, New Delhi

SITE SECTION

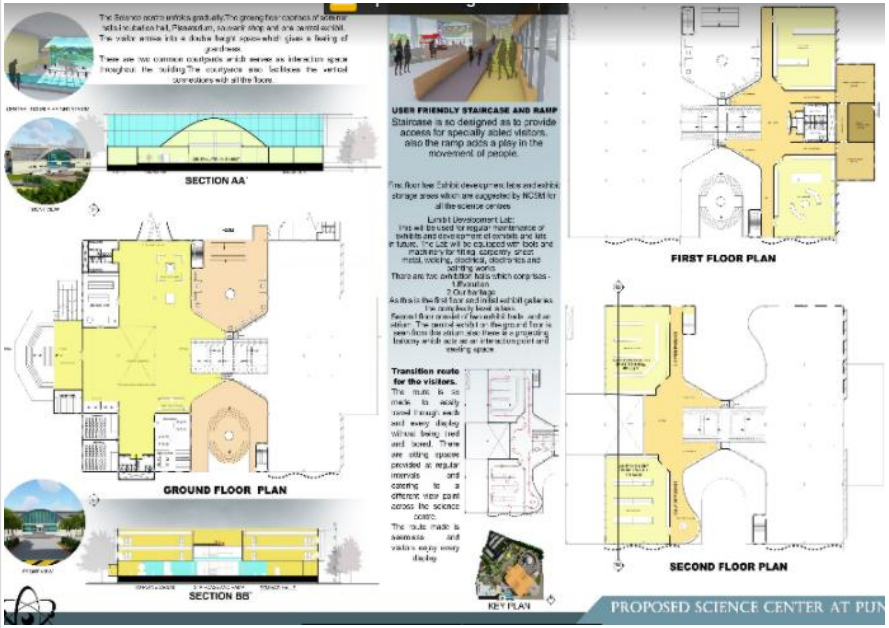


GROUND FLOOR PLAN

VIEW OF THE PROJECT

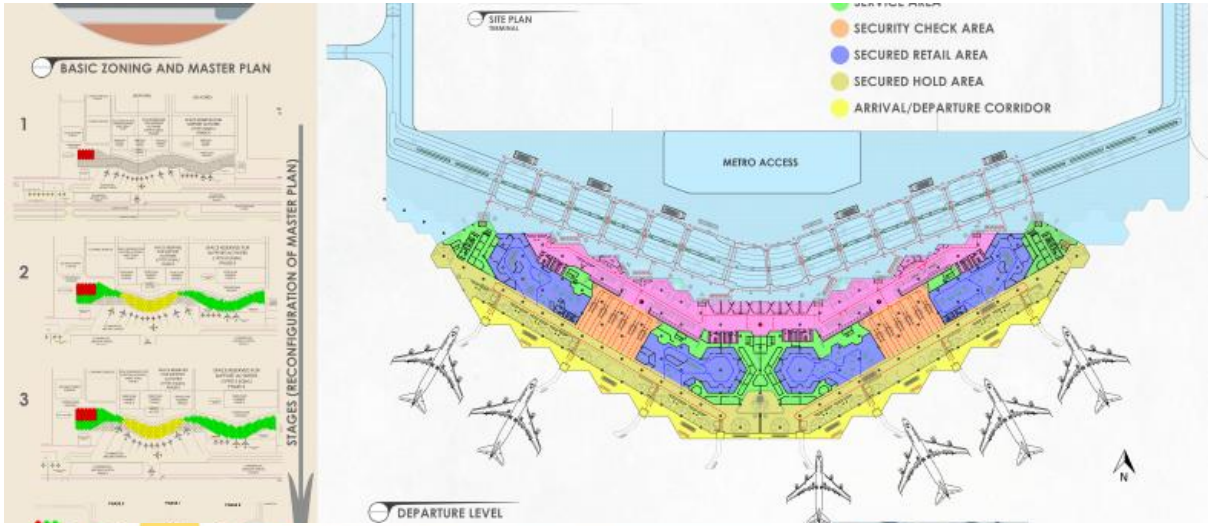
FIFTH YEAR (NIASA THESIS COMPETETION ENTRY): 2020-21

Apoorva Mujumale, Proposed Science center at Pune



FIFTH YEAR (NIASA THESIS COMPETETION ENTRY): 2020-21

Vedant Battalwad, Bhogapuram International Airport Terminal Proposal

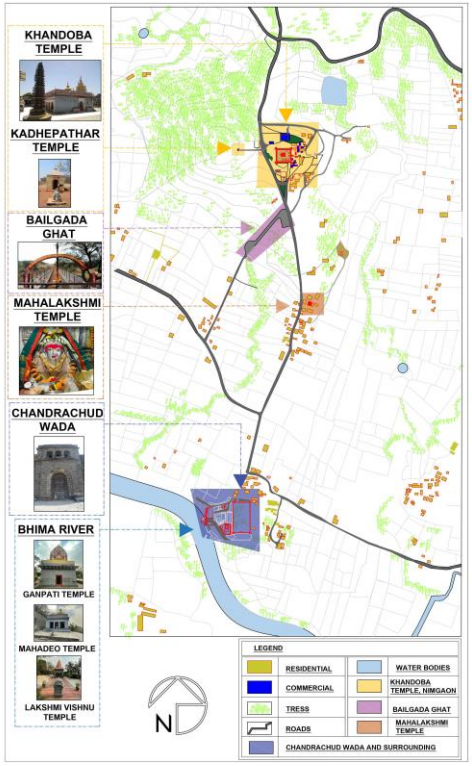


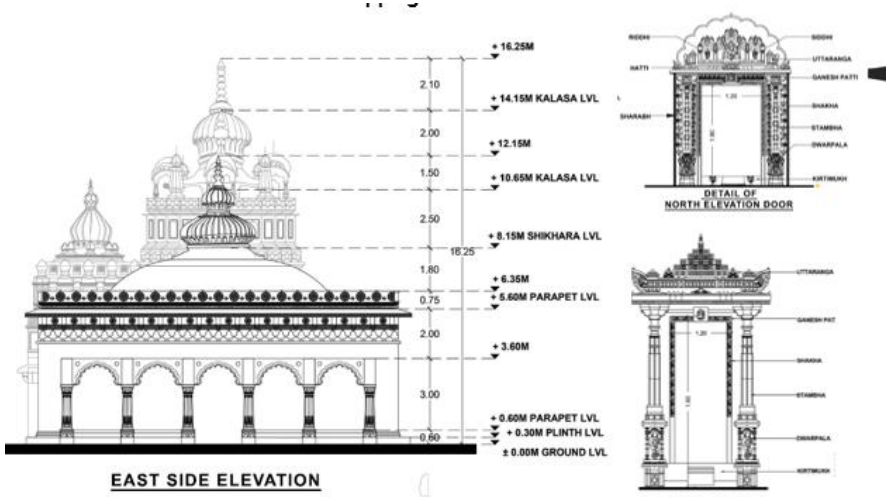
M.ARCH.

M.ARCH. (ARCHITECTURAL CONSERVATION): 2020-21

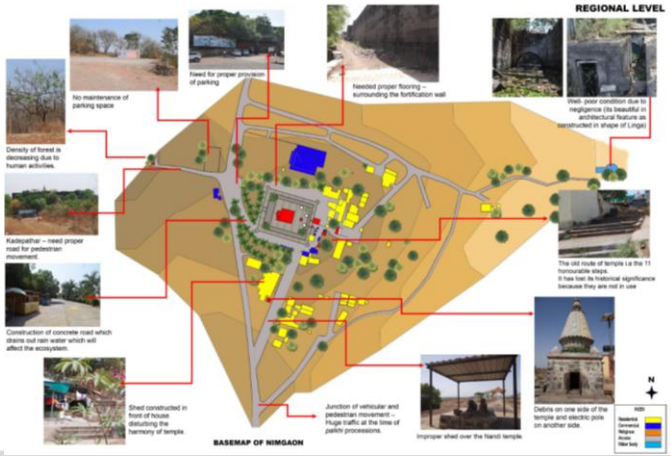
SEMESTER I – CONSERVATION STUDIO I

Conservation Proposal for Khandoba Temple at Nimgaon Dawadi

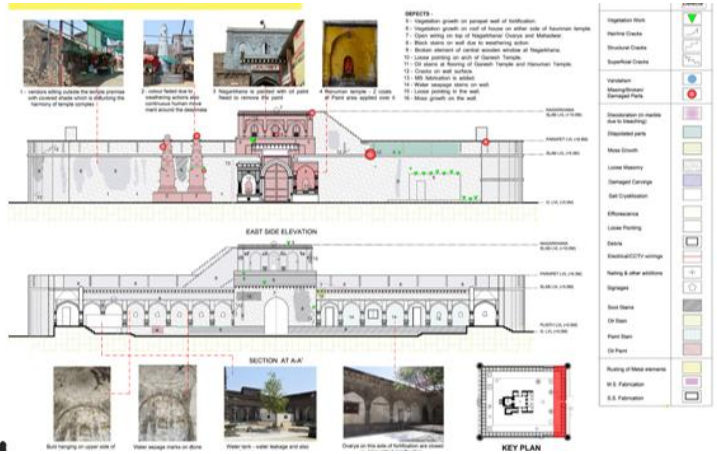




Documentation & Material Mapping



Issues identification

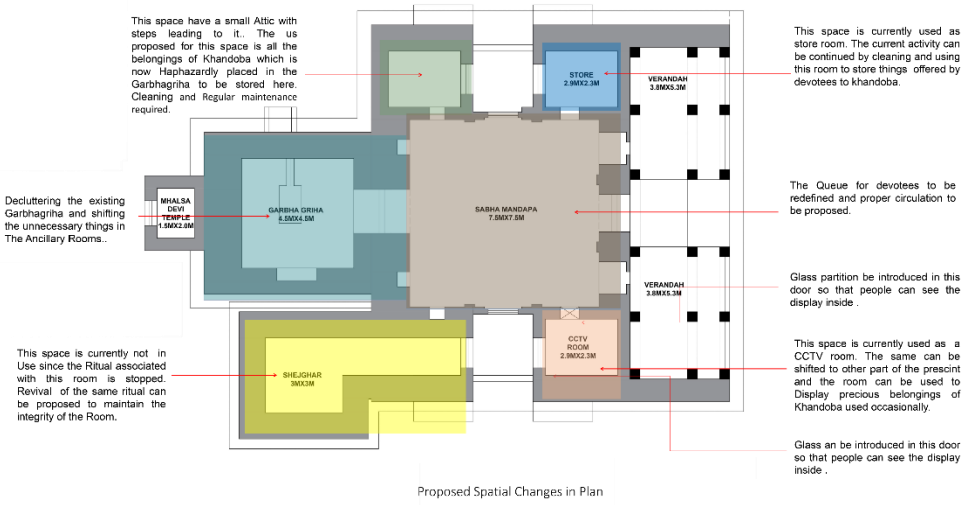


Defect mapping

M.ARCH. (ARCHITECTURAL CONSERVATION): 2020-21

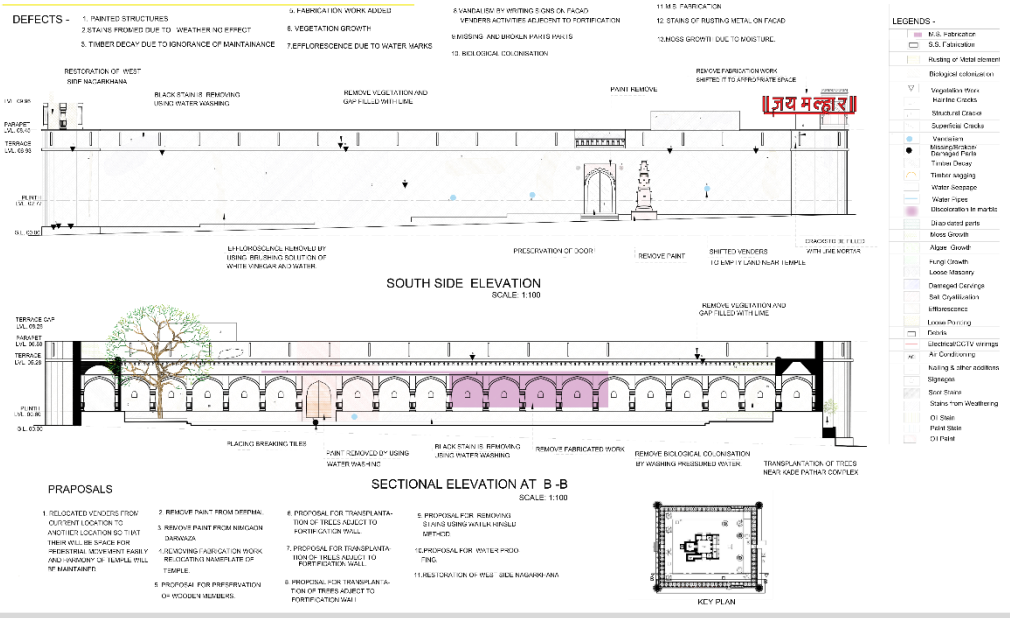
SEMESTER I – CONSERVATION STUDIO I

Conservation Proposal for Khandoba Temple at Nimgaon Dawadi



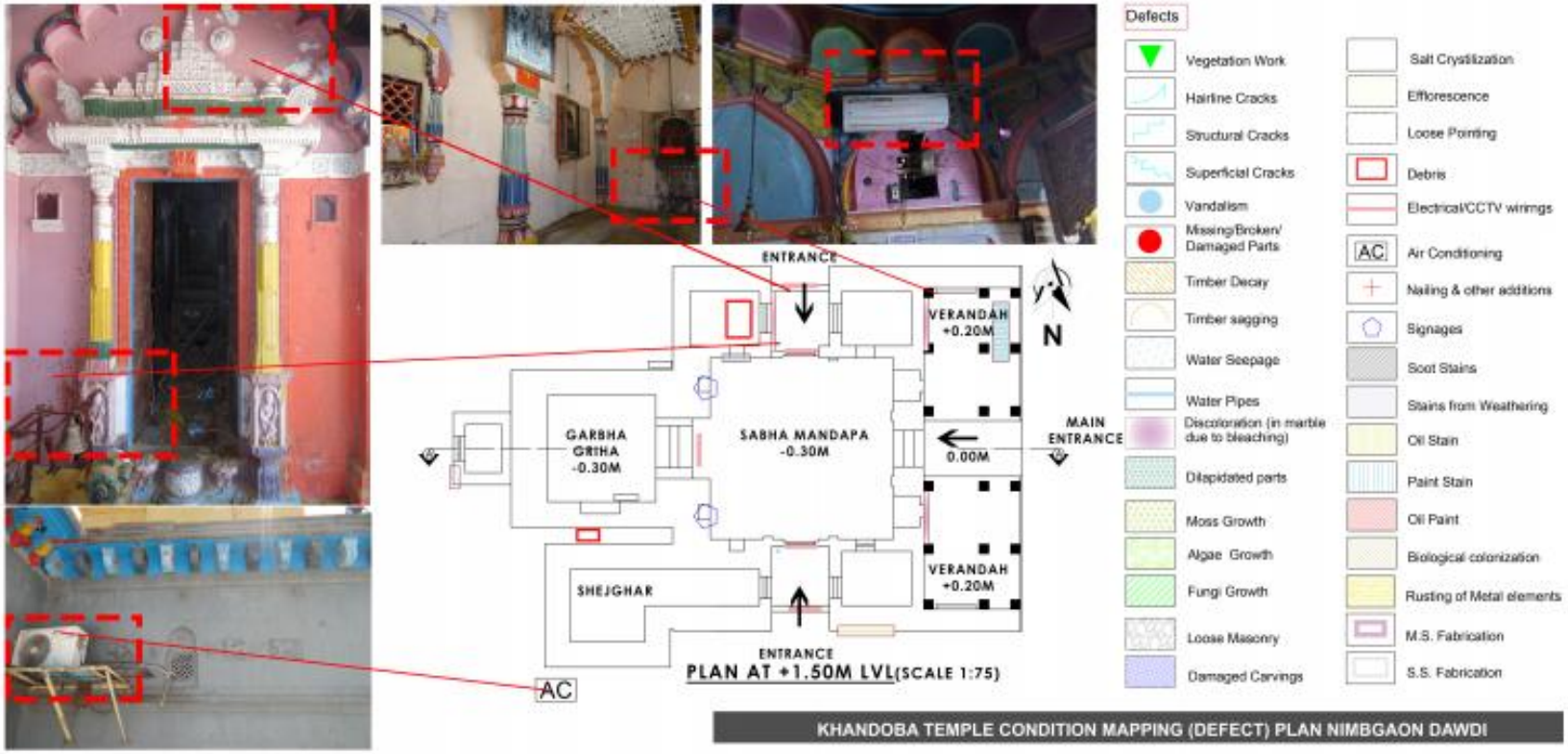
Proposed Spatial Changes in Plan

Conservation Proposals



SEMESTER I – STRUCTURAL CONSERVATION I

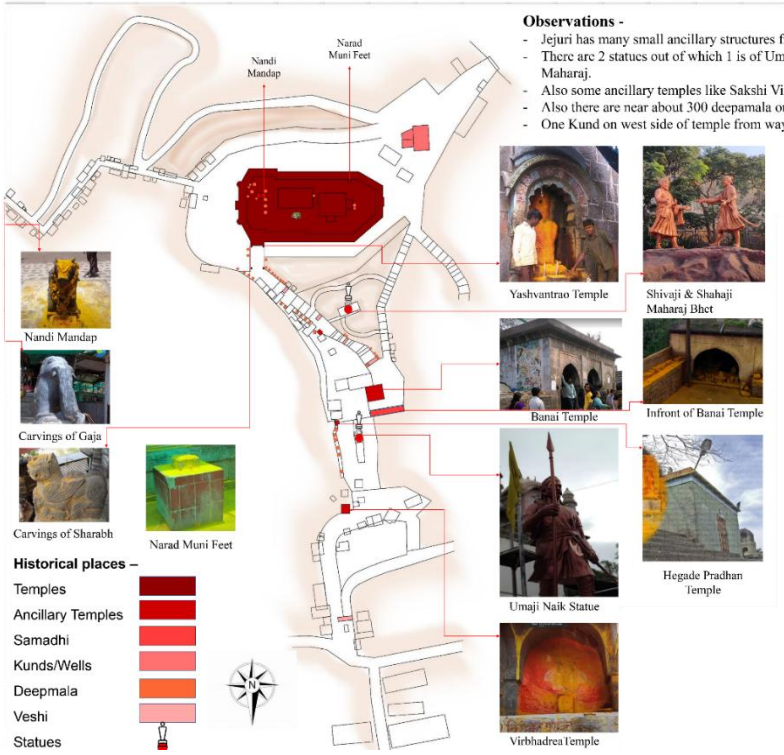
Defect Mapping



M.ARCH. (ARCHITECTURAL CONSERVATION): 2020-21

SEMESTER II – CONSERVATION STUDIO II

Project: Conservation Proposal For Historic Urban Area Of Jejuri



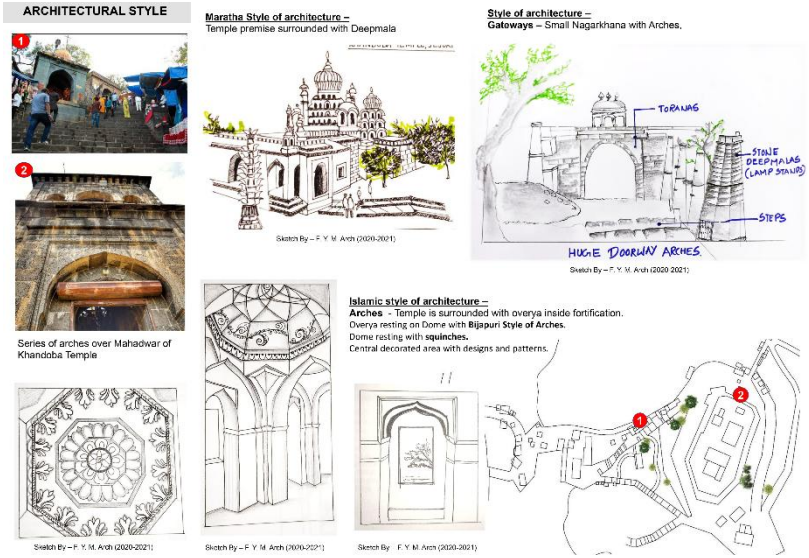
Observations -

- Jejuri has many small ancillary structures from Nandi chowk to Main Khandoba temple.
- There are 2 statues out of which 1 is of Umaji Naik, and 1 of Chhatrapati Shivaji Maharaj and Shahaji Maharaj.
- Also some ancillary temples like Sakshi Vinayak, Banai devi, Hegade Pradhan temple etc
- Also there are near about 300 deepamala on Jejuri fort.
- One Kund on west side of temple from way goes to Kadepathar temple.

Analysis –

The signage for temple should be located such that it does not hide any integral architectural detail, or original signage, or any other significant feature of the temple.

Architectural Style of Jejurigad Temple



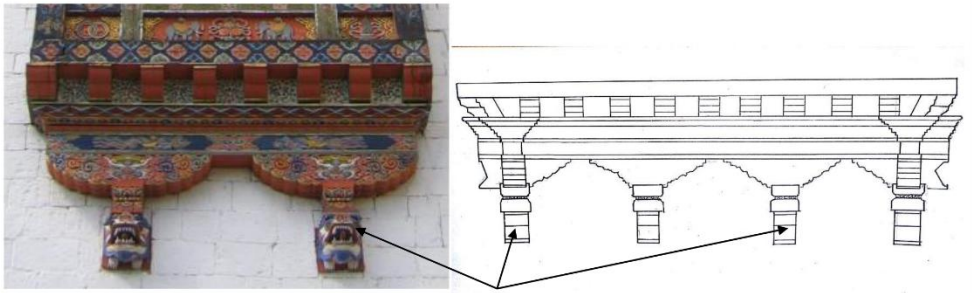
Mapping and Analysis

SEMESTER II-STRUCTURAL CONSERVATION II

Structural Components System In A Heritage Building - Punakha Dzong, Bhutan

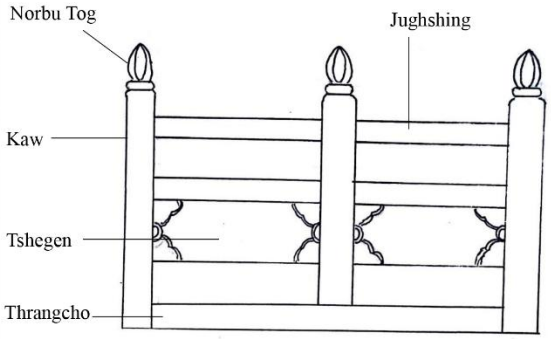
5. Langna Drey Zhu (Capital under balconies and windows)-

- The Langna Derey Zhu is a capital of 'Zhu' under the protruding balconies and bay windows.
- It is a timber member carved intricately with rich paintings on it and sometimes replicas of mythological animals.



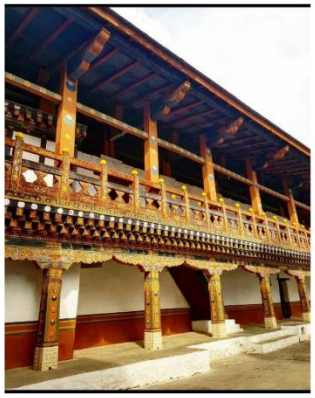
Details of capital under a window of the Dzong

Source: https://www.trekearth.com/gallery/Asia/Bhutan/West/Punakha/photo615613.htm



Jadhang Tazi (Railing details of balcony)

Source: Author)



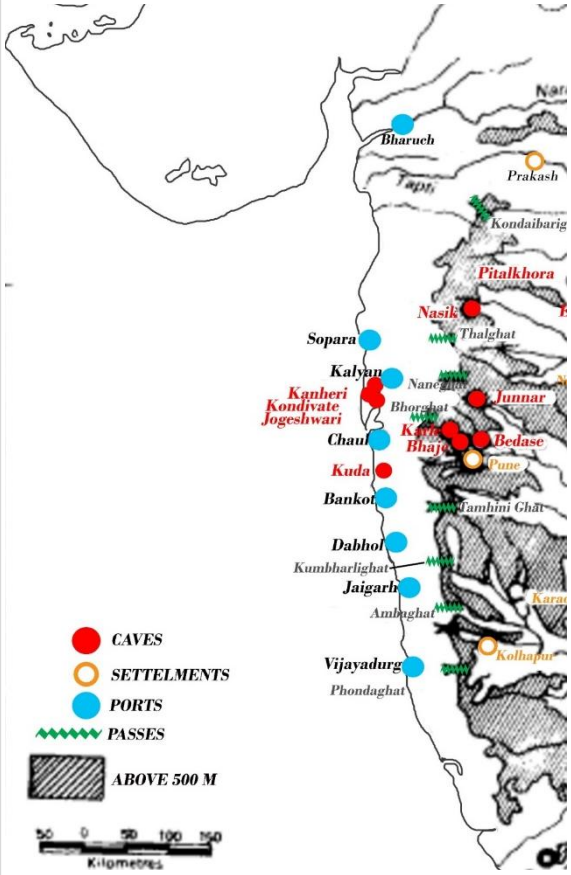
6. Jadhang Tazi (Railings)-

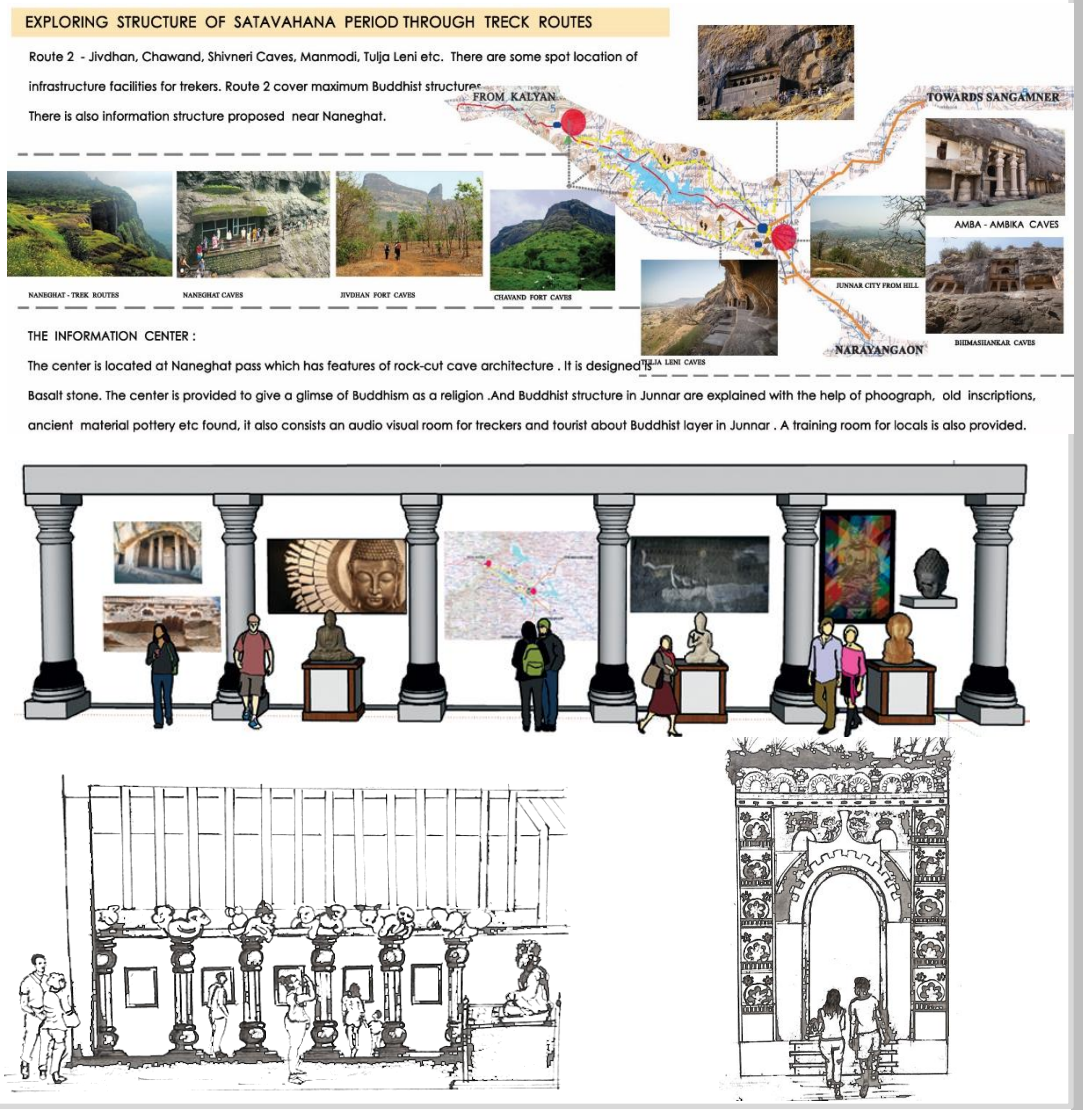
- Jadhang Tazi are the balcony railings, landing railings, roof barrier railings and staircase railings.
- The name is derived from the functions of a balcony with railing. 'Ja' means bird while 'dhang' is n]the name given to a timber perch (for the bird to rest on). 'Tazi' is the action of looking down or observe.
- The design of Jadhang Tazi is intricate with carving and paintings in the Dzongs and other religious buildings.

M.ARCH. (ARCHITECTURAL CONSERVATION): 2020-21

SEMESTER III-CONSERVATION STUDIO III

Sopara Cultural Region : Port-trade Routes, Linkages To Buddhist Regions & Buddhist Architecture





SEMESTER III-HERITAGE RISK ASSESSMENT AND MITIGATION

Disaster Management Plan For Maheshwar Heritage Precienct

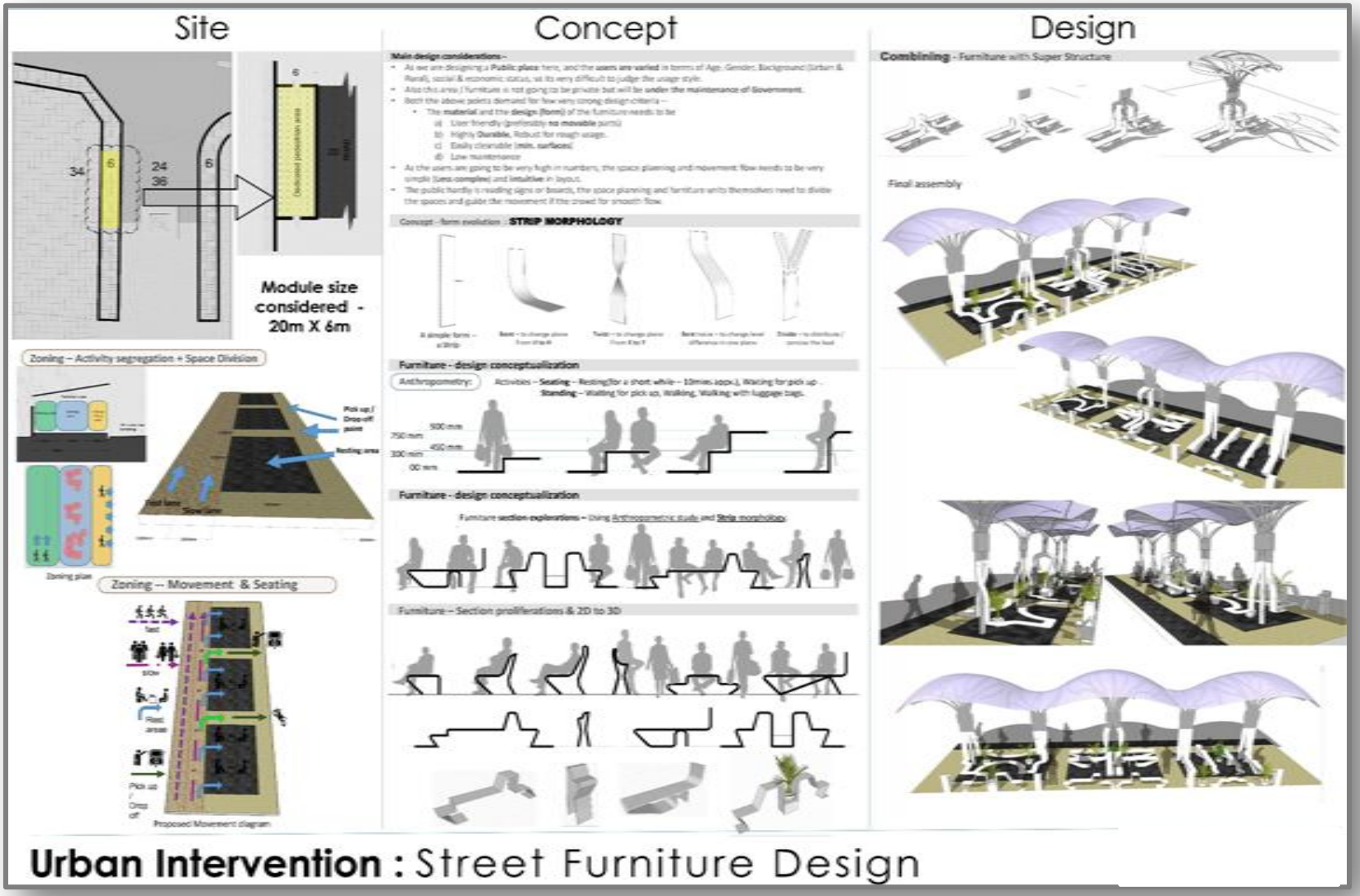
2.3 Priority Mapping Of Maheshwar Precinct

Maps 5- Priority Mapping of Precinct

Source: Author

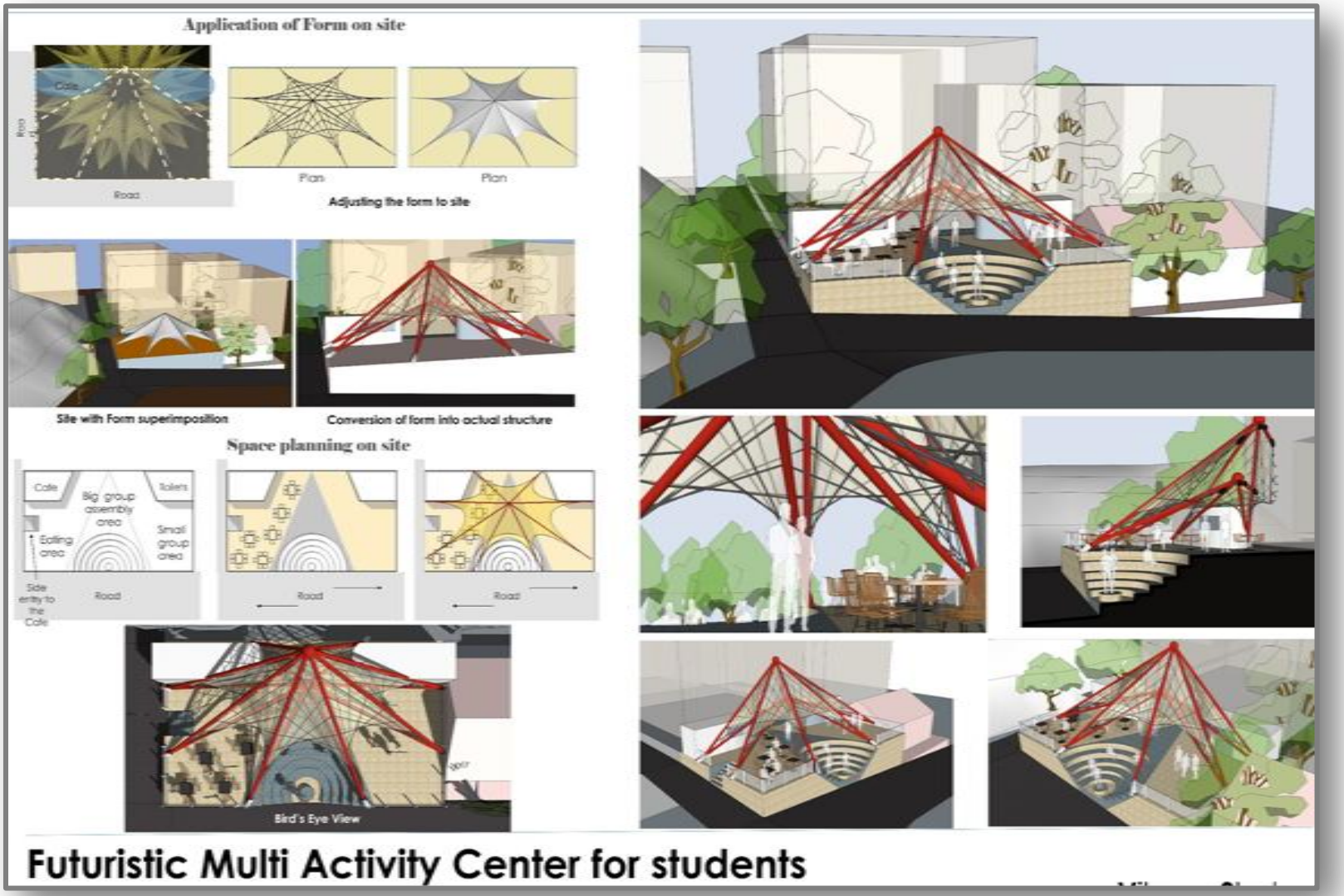
SEMESTER I – DIGITAL DESIGN STUDIO I

Street Furniture Design



SEMESTER I – DIGITAL DESIGN STUDIO I

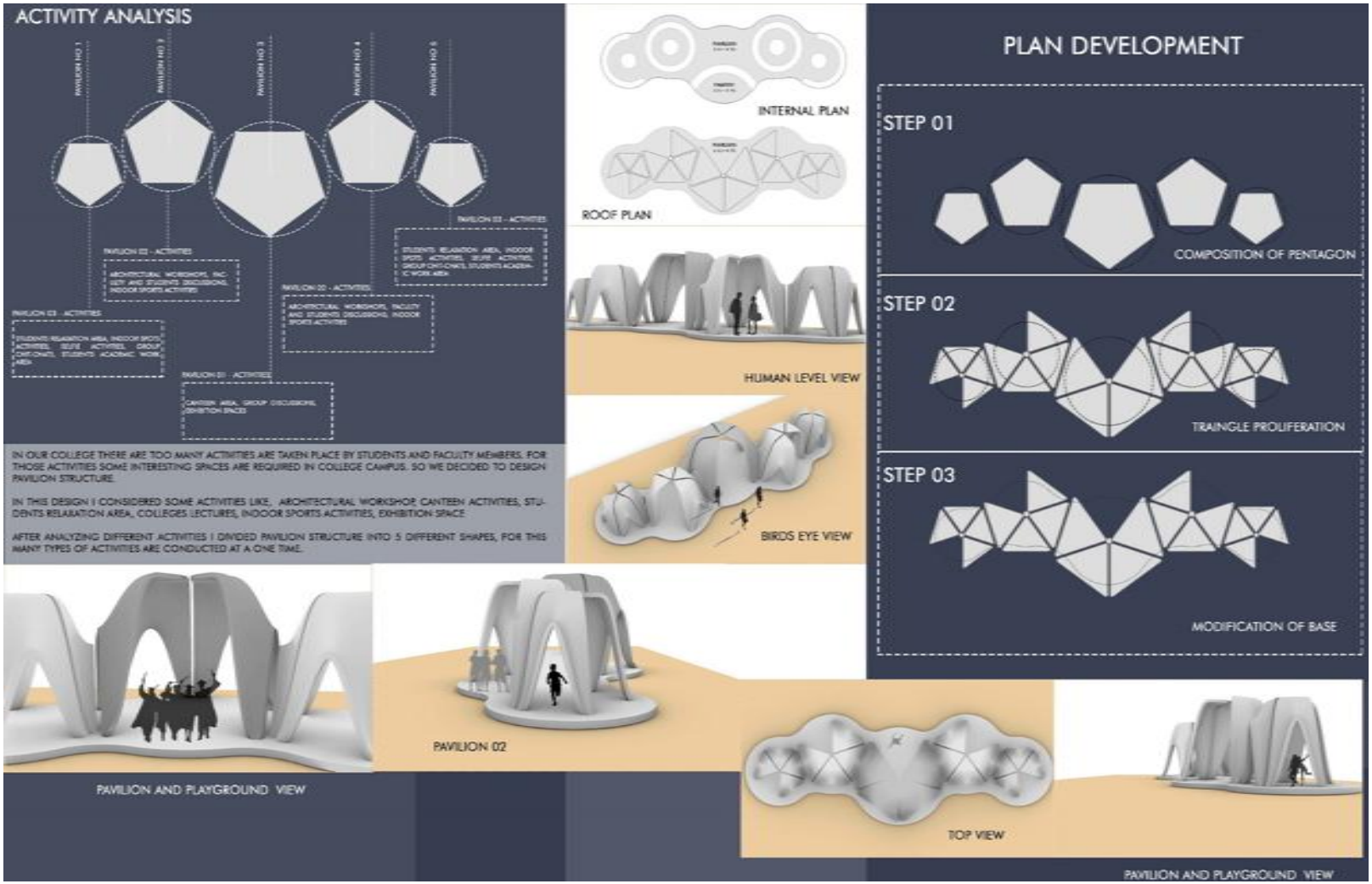
Futuristic Multi-activity centre for students



M.ARCH. (COMPUTER APPLICATIONS): 2020-21

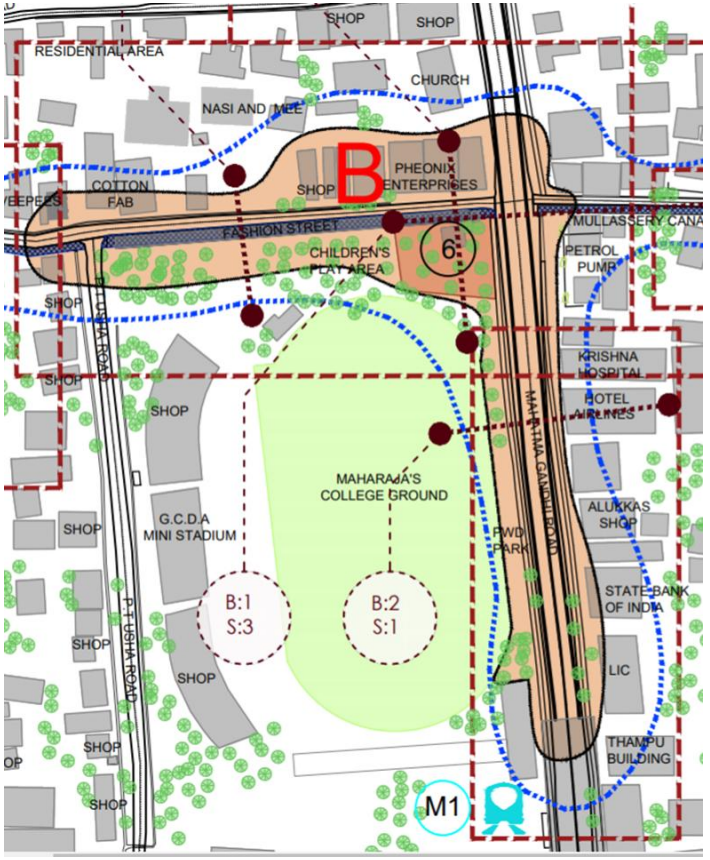
SEMESTER I – DIGITAL DESIGN STUDIO I

Futuristic Multi-activity centre for students



SEMESTER III – DIGITAL DESIGN STUDIO III

EnteKochi Urban Design Competition



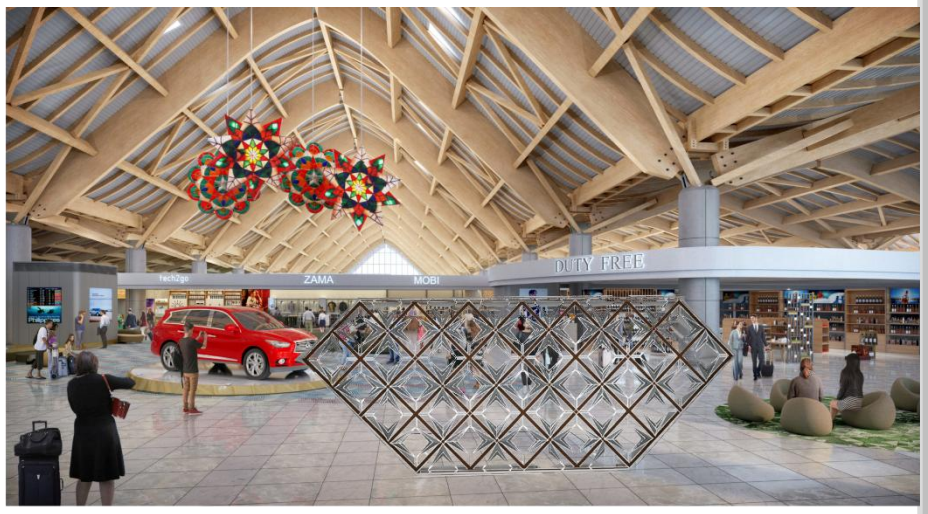
SEMESTER III – DIGITAL DESIGN STUDIO III

Multi-activity centre

M.ARCH. (COMPUTER APPLICATIONS): 2020-21

SEMESTER IV – DIGITAL DESIGN PROJECT

Modular Wall System Design: Ar. Dipti Lohagaonkar



SCOA FAMILY

2020-21

SCOA FAMILY 2020-21

B.ARCH. FACULTY

B.ARCH. (AC) FACULTY

B.ARCH. (CA) FACULTY

LIBRARY STAFF

ADMIN STAFF

SUPPORTING STAFF

B. ARCH. STUDENTS 2020-21: FIRST YEAR

DIVISION A

DIVISION B

DIVISION C

DIVISION D

B. ARCH. STUDENTS 2020-21: SECOND YEAR

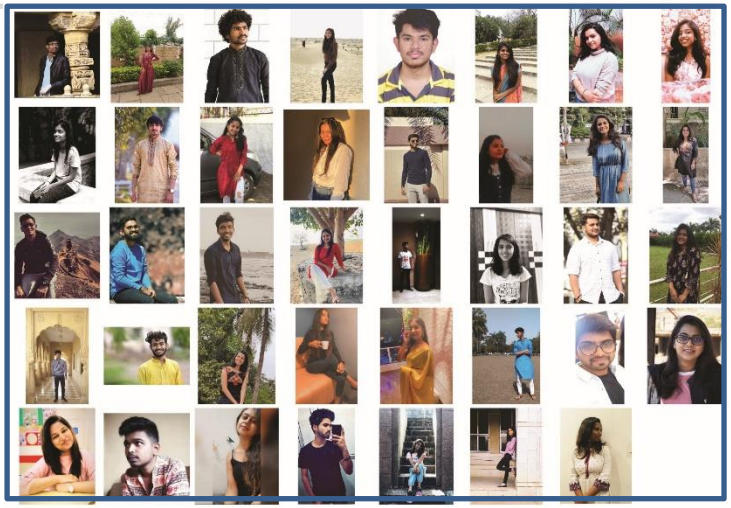
DIVISION A

DIVISION B

DIVISION C

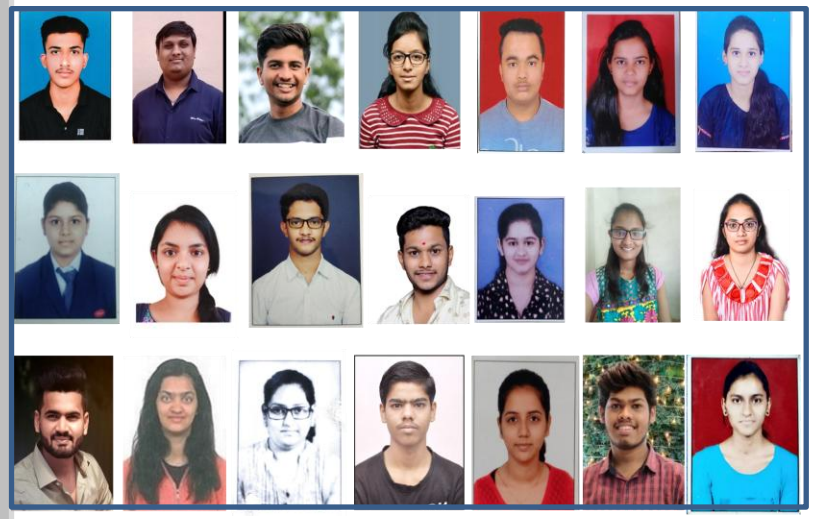
DIVISION D

B. ARCH. STUDENTS 2020-21: THIRD YEAR



DIVISION A

DIVISION B



DIVISION C

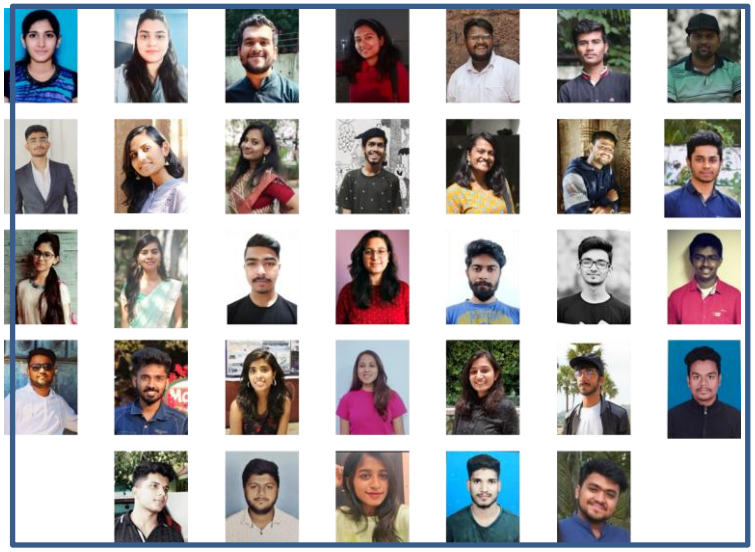
DIVISION D

B. ARCH. STUDENTS 2020-21: FOURTH YEAR

DIVISION A

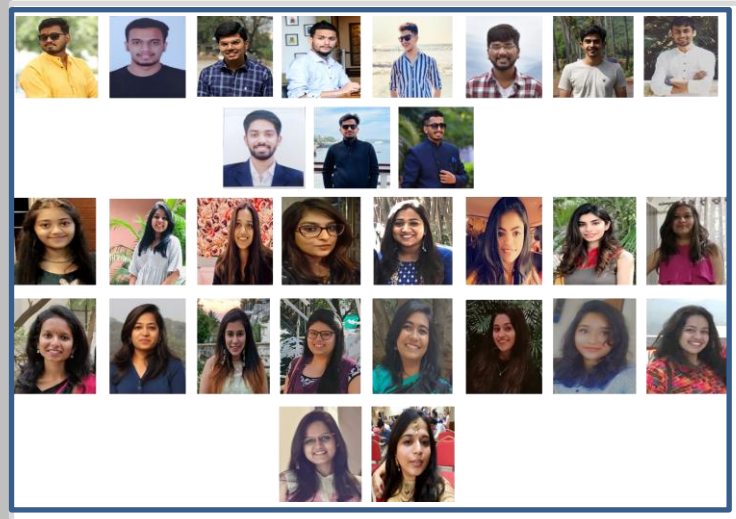
DIVISION B

DIVISION C

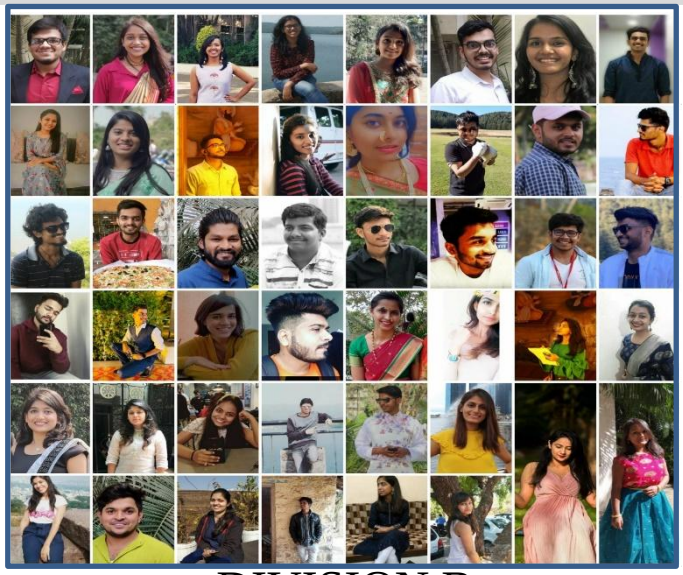


DIVISION D

B. ARCH. STUDENTS 2020-21: FIFTH YEAR

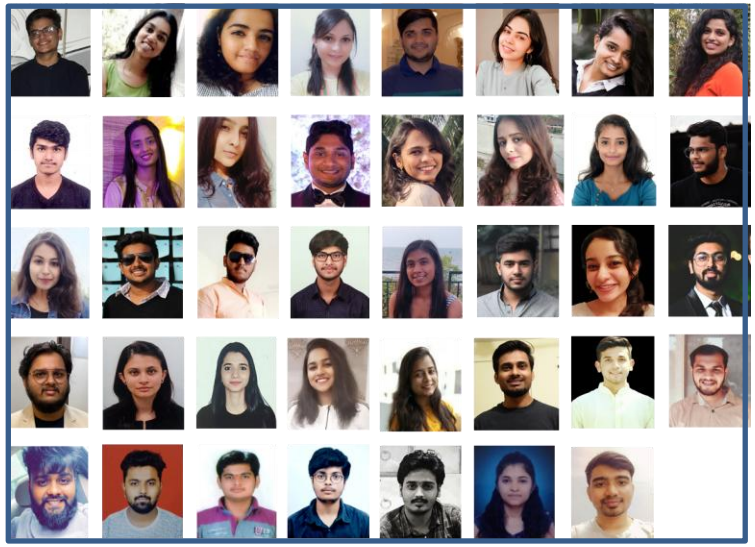


DIVISION A



DIVISION B

DIVISION C



DIVISION D

M. ARCH. STUDENTS 2020-21

M.ARCH: ARCHITECTURAL CONSERVATION

M.ARCH: COMPUTER APPLICATIONS

FIRST YEAR

SECOND YEAR

Education is the manifestation of perfection already exists in human

Swami Vivekananda

With this conviction we attempt for

- **development of young students to contribute to the society**
  - **generic skills, application skills, soft or life skills**
  - **socially, intellectually and emotionally tolerant and sensitive**

- **Through quality enhancement and outcome-based education system**
- **To achieve goal of multidisciplinary knowledge hub as recommended in National Education Policy 2020**

Hope for speedy normalization and to see our students to grow and become sensitive citizens of the globe

SOCIAL MEDIA LINKS

B. Arch.

Instagram: scoa_official

https://instagram.com/scoa_official?igshid=gtylhbng4tvr

Facebook: Sinhgad College of Architecture, Pune

https://m.facebook.com/scoaofficial0/

M. Arch. Computer Applications:

Instagram: https://www.instagram.com/scoa_marchca/

Facebook: https://www.facebook.com/M-Arch-Computer-Applications-SCOA-239594033850850/

M. Arch. Architectural Conservation:

Instagram: https://www.instagram.com/m.arch_conservation_scoa/?hl=en

Facebook: https://www.facebook.com/MArch-Architectural-Conservation-SCOA-Pune-226928202070470/

SINHGAD COLLEGE OF ARCHITECTURE

44/1 Vadgaon (Bk.)

Pune 411041

Ph: 020-24100000/ext.-341,347

Email id: scoa@sinhgad.edu

Website: www.sinhgad.edu