



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University.(SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.

Approved by:

- *Council of Architecture.(COA),New Delhi
- *All India Council for Technical Education (AICTE)
- *National Assessment & Accreditation Council(NAAC)



DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE
FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail:mail@bnca.ac.in, www.bnca.ac.in

2018-19



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University (SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture (COA), New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council (NAAC)



DR. BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE

FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail: mail@bnca.ac.in, www.bnca.ac.in

REPORT: Introduction to AutoCAD

COURSE NAME: Introduction to AutoCAD

COURSE CODE: BNCA_202819_02

BNCA CO-ORDINATOR: Sayali Andhare

NAME OF THE RESOURCE PERSON: Sayali Andhare, Anirudha Kolhatkar

RESOURCE PERSON POST AND ORGANIZATION: Assistant Professor and Visiting Professor respectively at Dr. B.N. College of Architecture

DATES: 02nd July to 07th July 2018

TIMING: 3.00 pm to 5.00 pm

VENUE: BNCA, Auditorium

STUDENTS ATTENDED (YEAR/MIX): 2st (A, B, C, D Divisions)

STUDENT NUMBER: 159

BRIEF ABOUT THE PROGRAM:

This course focuses on equipping beginners with essential AutoCAD skills tailored for architectural drafting and design. Participants will learn to create 2D floor plans, elevations, and layouts, applying industry-standard techniques for precision and efficiency.

OBJECTIVES:

To provide a foundational understanding of AutoCAD software, enabling participants to create 2D drawings and technical designs.

To teach essential tools, drafting techniques, and layout skills to participants for real-world applications in design.

PHOTOS OF COURSE: Not Available



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University (SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture (COA), New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council (NAAC)



DR. BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE
FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail: mail@bnca.ac.in, www.bnca.ac.in

SCHEDULE

Session 1: Introduction to AutoCAD Basics

- Overview of AutoCAD interface, navigation, and basic commands.
- Drawing tools (line, circle, rectangle) and workspace setup.
- Coordinate systems (absolute, relative, polar) and precision tools (snap, grid, ortho).
- Basic drawing exercises (simple geometries, layouts).

Session 2: Editing and Modifying Tools

- Modify commands (move, copy, rotate, scale, mirror).
- Trim, extend, offset, and array tools.
- Hands-on practice with editing tools.

Session 3: Annotation and Dimensioning

- Text tools – single line and multiline text.
- Dimensioning tools (linear, aligned, angular).
- Hatching and pattern fills.
- Creating templates with title blocks and annotations.

Session 4: Plotting and Final Project

- Layout creation, viewports, and scales.
- Plotting and printing setup (paper size, scale, output formats).
- Final project – creating a complete 2D drawing.
- Review, feedback, and course wrap-up



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University.(SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture.(COA),New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council(NAAC)



DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE
FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail:mail@bnca.ac.in, www.bnca.ac.in

POSTER:

MKSSS's Dr. Bhanuben Nanavati College Of Architecture for Women, Pune



AutoCAD

02nd July to 07th July 2018
Time: 3.00 to 5.00 p.m.

Instructor: Sayali Andhare,
Anirudha Kolhatkar
Venue: BNCA Auditorium

Supported By: Dr. Anurag Kashyap
Conceptualized By: Dr. Sharvey Dhongde



BNCA



BNCA Pune



bncaofficial



mail@bnca.ac.in



mksss's dr. bhanuben nanavati college of architecture



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University.(SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture.(COA),New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council(NAAC)



DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE
FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail:mail@bnca.ac.in, www.bnca.ac.in

CERTIFICATES:



CERTIFICATE OF PARTICIPATION

to
Nayan Aher

For successfully completing
"Introduction to AutoCAD"
CONDUCTED FROM 2nd -7th OF JULY 2018

Dr. Anurag Kashyap
Dr. Anurag Kashyap
(Principal, BNCA)

Ar. Sayali Andhare
Ar. Sayali Andhare
(Course Coordinator)



CERTIFICATE OF PARTICIPATION

to
Komal Nikale

For successfully completing
"Introduction to AutoCAD"
CONDUCTED FROM 2nd -7th OF JULY 2018

Dr. Anurag Kashyap
Dr. Anurag Kashyap
(Principal, BNCA)

Ar. Sayali Andhare
Ar. Sayali Andhare
(Course Coordinator)

Dr. Anurag Kashyap
(Principal, BNCA)

Dr. Chetan Sahasrabudhe
(IQAC, BNCA)

Sayali Andhare
(Coordinator)

PRINCIPAL
MKSSS's DR. BHANUBEN NANAVATI
College of Architecture For Women
Karvenagar, Pune-411 052.



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University.(SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture.(COA),New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council(NAAC)



DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE
FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail:mail@bnca.ac.in, www.bnca.ac.in

ATTENDANCE RECORD:

MKSSS's DR. BHANUBEN NANAVATI COLLEGE OF ARCHITECTURE, PUNE					
Second Year B.Arch 2018-19					
Course Name: Introduction to Autocad [2-7 July 2018]					
Sr. No	Student's Name	Session I	Session II	Session III	Session IV
1	AKSHADA PATIL	P	P	P	P
2	ARZU ALVI	P	P	P	P
3	ISHITA SINGH	P	P	P	P
4	MALPANI RADHIKA SANJAY	P	P	P	P
5	MOULLIE JAIN	P	P	P	P
6	S PRASHITHA	P	P	P	P
7	SHACHI JAIN	P	P	P	P
8	SHRIVASTAVA SHRUTI ALOK	P	P	P	P
9	AAKANKSHA AJAY GURJAR	P	P	P	P
10	AAKANKSHA ARUN ADMANE	P	P	P	P
11	ADITI PRATAP JADHAV	P	P	P	P
12	ADITI RAJENDRA BODHE	P	P	P	P
13	AKSHATA ASARAM ATOLE	P	P	P	P
14	ALFIYA BABULAL SHAIKH	P	P	P	P
15	AMRUTA SHARAD GORAKHE	P	P	P	P
16	ANJALI BHIKU SAMGE	P	P	P	P
17	ANKITA MANOHAR PATIL	P	P	P	P
18	ANKITA VISHWAS KHANDAVE	P	P	P	P
19	ANKITA AMAR ZAMBRE	P	P	P	P
20	ANKITA SATISH BABAR	P	P	P	P
21	ANUJA RAJU JADHAV	P	P	P	P
22	ANUSHREE RAJESH UDAKHE	P	P	P	P
23	APURVA SANJAY HANKARE	P	P	P	P
24	ARUNDHUTI AMAR BHATTACHARYA	P	P	P	P
25	AVANTIKA MAHENDRA BHARATI	P	P	P	P
26	AYESHA JAVID DABIR	P	P	P	P
27	AYUSHI EKNATH NEMADE	P	P	P	P
28	BHAGYASHREE SITARAM TALAPE	P	P	P	P
29	BHAKTI AMOL KASWA	P	P	P	P
30	BHARGAVI SATISH BANSAL	P	P	P	P
31	BHARGAVI SATISH JUNAGADE	P	P	P	P
32	BHAVASHREE BHUSAN GANDHI	P	P	P	P
33	CHAITALI SANJAY BHALERAU	P	P	P	P
34	CHARVEE SUBHASH SARDA	P	P	P	P
35	DARSHANA MANGESH DEOKAR	P	P	P	P
36	DEEPALI SOMNATH KERUR	P	P	P	P
37	DEVSHRI ANILPANT WANGE	P	P	P	P
38	DEVSHRI RAJENDRA DESHMUKH	P	P	P	P
39	DHANSHREE YASHWANT PHALE	P	P	P	P
40	DHARA JAJU NANDHA	P	P	P	P
41	DISHA MUKUND KSHATRIYA	P	P	P	P
42	DISHA DILIP KOLTE	P	P	P	P
43	DIVYA DAYANAND KAPSE	P	P	P	P
44	DIVYALAXMI ANIL PATIL	P	P	P	P



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University (SPPU)
 University Affiliation No.: PU/PN/ARCH/109/1994.
 Approved by:
 *Council of Architecture (COA), New Delhi
 *All India Council for Technical Education (AICTE)
 *National Assessment & Accreditation Council (NAAC)



DR. BHANUBEN NANAVATI
 COLLEGE OF ARCHITECTURE
 FOR WOMEN

Gate No:04, BNCA Campus,
 Cummins College Road,
 Karve Nagar, Pune 411 052.
 Ph: +91 20 25474062 / 25476966
 E-mail: mail@bnca.ac.in, www.bnca.ac.in

MKSS's DR. BHANUBEN NANAVATI COLLEGE OF ARCHITECTURE, PUNE						
Second Year B.Arch 2018-19						
Course Name:						
45	DNYANESHWARI DATTA KHATAVKAR	P	P	P	P	P
46	DRISHTI AMUL NAHAR	P	P	P	P	P
47	ESHA NITIN JAIN	P	P	P	P	P
48	ESHA TUSHAR SONAR	P	P	P	P	P
49	GAUTAMI PURUSHOTTAM KARAMPURI	P	P	P	P	P
50	GAYATRI RAJENDRA PANDKAR	P	P	P	P	P
51	GEETA SANJAY KHEDEKAR	P	P	P	P	P
52	GURKIRAN KAUR MAHENDER SINGH GULATI	P	P	P	P	P
53	HIMANI ANAND LAHOTI	P	P	P	P	P
54	HIMANSHU JAGDISH BHARUKA	P	P	P	P	P
55	JANHAVI ABHIJIT RAJWADE	P	P	P	P	P
56	JANHAVI ANAND KHAIRNAR	P	P	P	P	P
57	JIDNYASA RAJIV AUTI	P	P	P	P	P
58	KALYANI DATTATRAY MORE	P	P	P	P	P
59	KASTURI RAJESHRAO NIRHALI	P	P	P	P	P
60	KEHALI AMBADAS DOKE	P	P	P	P	P
61	KETKI BHALCHANDRA BHAT	P	P	P	P	P
62	KHYATI SUNIL GONDE	P	P	P	P	P
63	KOMAL MALHARI NIKALE	P	P	P	P	P
64	KOMAL NARAYAN BAHETI	P	P	P	P	P
65	KOMAL UDAY AMLE	P	P	P	P	P
66	KSHIPRA MANGESH DEOLALKAR	P	P	P	P	P
67	LEENA NAMDEO MALI	P	P	P	P	P
68	MADHURA KAILAS KHAIRE	P	P	P	P	P
69	MAITHILI MANGESH POTNIS	P	P	P	P	P
70	MANASI AVINASH JADHAV	P	P	P	P	P
71	MANASI VIJAY MUSALE	P	P	P	P	P
72	MANJIRI SHRIKANT WADHONE	P	P	P	P	P
73	MANJIRI SANDEEP SOGODEKAR	P	P	P	P	P
74	MINAL HEMRAJ DHANANI	P	P	P	P	P
75	MITALI MILIND ALAVANI	P	P	P	P	P
76	MOHINI VIKAS BHOSKAR	P	P	P	P	P
77	MRUDULA AMOD KULKARNI	P	P	P	P	P
78	MRUNAL KISAN PATIL	P	P	P	P	P
79	MRUNALINI MANOJ BHAGAT	P	P	P	P	P
80	NAYAN RAHUL SANGLE	P	P	P	P	P
81	NAYAN SHAILESH AHER	P	P	P	P	P
82	NEHA DEODATTA DANDAWATE	P	P	P	P	P
83	NEHA MAHADEO JADHAV	P	P	P	P	P
84	NILIMA TANAJI AVHAD	P	P	P	P	P
85	NIRMITI PRAMOD PATEL	P	P	P	P	P
86	NUPUR NITIN BOHARA	P	P	P	P	P
87	POORVA VINAY JOSHI	P	P	P	P	P
88	PRAJAKTA SATISH JADHAV	P	P	P	P	P



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University (SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture (COA), New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council (NAAC)



DR. BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE
FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail: mail@bnca.ac.in, www.bnca.ac.in

MKSS's DR. BHANUBEN NANAVATI COLLEGE OF ARCHITECTURE, PUNE						
Second Year B.Arch 2018-19						
Course Name:						
89	PRANALI ASHOK NANDRE	P	P	P	P	P
90	PRANALI AVINASH MARATHE	P	P	P	P	P
91	PRATIKA RAVINDRA PATIL	P	P	P	P	P
92	PRATIKA UDAY SHAH	P	P	P	P	P
93	PRATIMA RAM JADWANI	P	P	P	P	P
94	PRATISHTHA RAKESHKUMAR PANDEY	P	P	P	P	P
95	PRIYANKA DHANANJAY GHODKE	P	P	P	P	P
96	PRIYANKA PARAG SARDESAI	P	P	P	P	P
97	PURVA CHHAGAN CHOTALIYA	P	P	P	P	P
98	RACHANA DILIP PATIL	P	P	P	P	P
99	RADHIKA VIJAY PHANSALKAR	P	P	P	P	P
100	RAJESHWARI SUNIL PAWAR	P	P	P	P	P
101	RAKSHANDA RAHUL MOOG	P	P	P	P	P
102	RAMESHWARI PRATAPSINGH SAWANI	P	P	P	P	P
103	RICHA SANDIP GADGE	P	P	P	P	P
104	RITU ABHAY NAVANDHAR	P	P	P	P	P
105	RIYA SACHIN KOTHARI	P	P	P	P	P
106	ROSHNI RAJESH KHATAL	P	P	P	P	P
107	RUCHA ABHIJIT PIMPLAPURE	P	P	P	P	P
108	RUCHA VINAYAK HANAMSAGAR	P	P	P	P	P
109	RUCHI CHANDRAKANT RAUNDAL	P	P	P	P	P
110	RUCHITA UTTAM NIMSE	P	P	P	P	P
111	RUDRANI KAMLESH PATNAKAR	P	P	P	P	P
112	RUPAL MAHESH DHAMNE	P	P	P	P	P
113	RUTUJA BANDU SHELKE	P	P	P	P	P
114	RUTUJA GANGADHAR DATE	P	P	P	P	P
115	RUTUJA TUSHAR SHITOLE	P	P	P	P	P
116	SAACHI DEEPAK KAMAD	P	P	P	P	P
117	SAAKSHI SUNIL ROHOM	P	P	P	P	P
118	SAKSHI NITIN INGALE	P	P	P	P	P
119	SAKSHI YOGESH MUNDADA	P	P	P	P	P
120	SAKSHI CHETAN DESHMUKH	P	P	P	P	P
121	SAKSHI RAJABHAU WAGHMARE	P	P	P	P	P
122	SAKSHI SHIVLAL JADHAV	P	P	P	P	P
123	SANIKA MAHESH KAJAVE	P	P	P	P	P
124	SANIKA PRASHANT UPASANI	P	P	P	P	P
125	SANIKA SHEKHAR PANDIT	P	P	P	P	P
126	SANYUKTA ANIL SARDA	P	P	P	P	P
127	SAYALI SUNIL KHAIRMODE	P	P	P	P	P
128	SAYEE DHAIRYASHIL PATIL	P	P	P	P	P
129	SHALINI RAJENDRA SINGH	P	P	P	P	P
130	SHAMALI VASANT NEHE	P	P	P	P	P
131	SHARVI MAHESH TATKE	P	P	P	P	P
132	SHIVANI SUDHIR THOKE	P	P	P	P	P
133	SHIVANI VILAS PATIL	P	P	P	P	P



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University.(SPPU)

University Affiliation No.: PU/PN/ARCH/109/1994.

Approved by:

*Council of Architecture.(COA),New Delhi

*All India Council for Technical Education (AICTE)

*National Assessment & Accreditation Council(NAAC)



DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE
FOR WOMEN

Gate No:04, BNCA Campus,

Cummins College Road,

Karve Nagar, Pune 411 052.

Ph: +91 20 25474062 / 25476966

E-mail:mail@bnca.ac.in, www.bnca.ac.in

MKSSS's DR. BHANUBEN NANAVATI COLLEGE OF ARCHITECTURE, PUNE						
Second Year B.Arch 2018-19						
Course Name:						
134	SHRADDHA RAVINDRA DOIPHODE	P	P	P	P	P
135	SHRAVANI PRAMOD PARDESHI	.	P	P	P	P
136	SHRAVANI SAMIR GADGIL	P	P	P	.	P
137	SHRAVANI VIDYADHAR AWATI	P	P	P	P	P
138	SHREYA NITIN SANGHVI	P	P	.	P	.
139	SHREYA PRADEEP MANDLIK	P	P	P	P	P
140	SHRIYA VIJAY BHOLE	P	P	P	P	P
141	SHRUSHTI DILIP KAMBLE	P	P	P	.	P
142	SHRUTI SHREERANGANATH KULKARNI	P	P	P	P	P
143	SIDDHATA SANJAY BHATEWARA	P	P	P	P	P
144	SIDDHI AMIT KUMAR ARORA	P	P	P	P	P
145	SIMRAN AVINASH GANDHI	P	P	P	P	P
146	SNEHAL VIKAS LONDHE	P	P	.	P	P
147	SRUSHTI SANDESH TUPDAURU	P	P	P	P	P
148	TANAYA SUHAS SHAH	P	P	P	P	P
149	TANISHKA ANILKUMAR KADAM	P	P	P	P	P
150	TANISHKA DHARMENDRA CHAVAN	P	P	P	P	P
151	TEJAL ASHUTOSH KOTKAR	P	P	P	P	P
152	TONOYA SOMNATH SAHA	P	P	P	.	P
153	TRUPTI VANDAN JADHAV	P	.	P	P	P
154	VAIDEHI SAMEER PANDE	P	.	P	P	P
155	VAISHNAVI RAVINDRA PATIL	P	P	.	P	P
156	VAISHNAVI DNYANESHWAR MORE	P	P	P	P	.
157	VANSHIKA SANDEEP SABADRA	P	P	P	P	P
158	VISHAKHA SUNIL KHANDVE	P	P	P	P	P
159	YUKTI DATTA RAUT	P	P	P	.	P



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University.(SPPU)

University Affiliation No.: PU/PN/ARCH/109/1994.

Approved by:

*Council of Architecture.(COA),New Delhi

*All India Council for Technical Education (AICTE)

*National Assessment & Accreditation Council(NAAC)



DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE
FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail:mail@bnca.ac.in, www.bnca.ac.in

2020-21



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University.(SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture.(COA),New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council(NAAC)



DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE

FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail:mail@bnca.ac.in, www.bnca.ac.in

REPORT: Structural Simulations Using Software

COURSE NAME: Structural Simulations Using Software

COURSE CODE: BNCA_202021_04

BNCA CO-ORDINATOR: Dr. Sharvey Dhongade

NAME OF THE RESOURCE PERSON: Dr. Sujata Mehta,

RESOURCE PERSON POST AND ORGANIZATION: Dr. Sujata Mehta, Assistant Professor, BNCA

DATES: 13.07.20-17.07.20

TIMING: 1 Week Course

VENUE: Online

STUDENTS ATTENDED (YEAR/MIX):4th Year.

STUDENT NUMBER: 320

BRIEF ABOUT THE PROGRAM:

This short-term course introduces participants to the fundamentals of structural engineering simulations using software tools. Participants will learn how to model and analyse structures, interpret simulation results, and apply this knowledge to real-world engineering problems. The course combines theory and hands-on practice using industry-standard structural analysis software.

OBJECTIVES:

Understand Fundamental Concepts in Structural Analysis

Learn Software-Based Modelling Techniques

Perform Structural Analysis and Interpret Results

Validate and Optimize Structural Designs



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University.(SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture.(COA),New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council(NAAC)



DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE

FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail:mail@bnca.ac.in, www.bnca.ac.in

SCHEDULE WITH CURRICULUM DETAILS-

Time	Activity	Outcome	Faculty
	Introduction to Structural Analysis and Software	Session 1: Overview of Structural Engineering and Simulation Session 2: Role of Software in Structural Analysis Session 3: Introduction to Finite Element Analysis (FEA) Session 4: Familiarization with Simulation Software (e.g., ANSYS, SAP2000)	
	Structural Modelling and Boundary Conditions	Session 5: Structural Geometry and Modelling Session 6: Material Properties and Assignments Session 7: Defining Boundary Conditions Session 8: Hands-on: Model a Simple Beam Structure	
	Static Analysis	Session 9: Principles of Static Analysis Session 10: Applying Loads Session 11: Solving Static Problems Session 12: Hands-on: Static Analysis of a Truss Structure	
	Dynamic Analysis	Session 13: Introduction to Dynamic Analysis Session 14: Dynamic Loadings (e.g., seismic, wind) Session 15: Response Spectrum Analysis Session 16: Hands-on: Dynamic Analysis of a Building	
	Week 5: Nonlinear Analysis	Session 17: Understanding Nonlinearity in Structures Session 18: Material Nonlinearity	



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University.(SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture.(COA),New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council(NAAC)



DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE

FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail:mail@bnca.ac.in, www.bnca.ac.in

		Session 19: Geometric Nonlinearity Session 20: Hands-on: Nonlinear Analysis of a Bridge	
	Week 6: Interpretation of Results and Advanced Topics	Session 21: Post-processing and Visualization of Results Session 22: Critical Analysis and Structural Optimization Session 23: Case Studies and Real-world Applications Session 24: Final Project: Analyze and Optimize a Complex Structure	

ASSESSMENT SHEET

Assessment and Evaluation:

Group discussions and participation



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



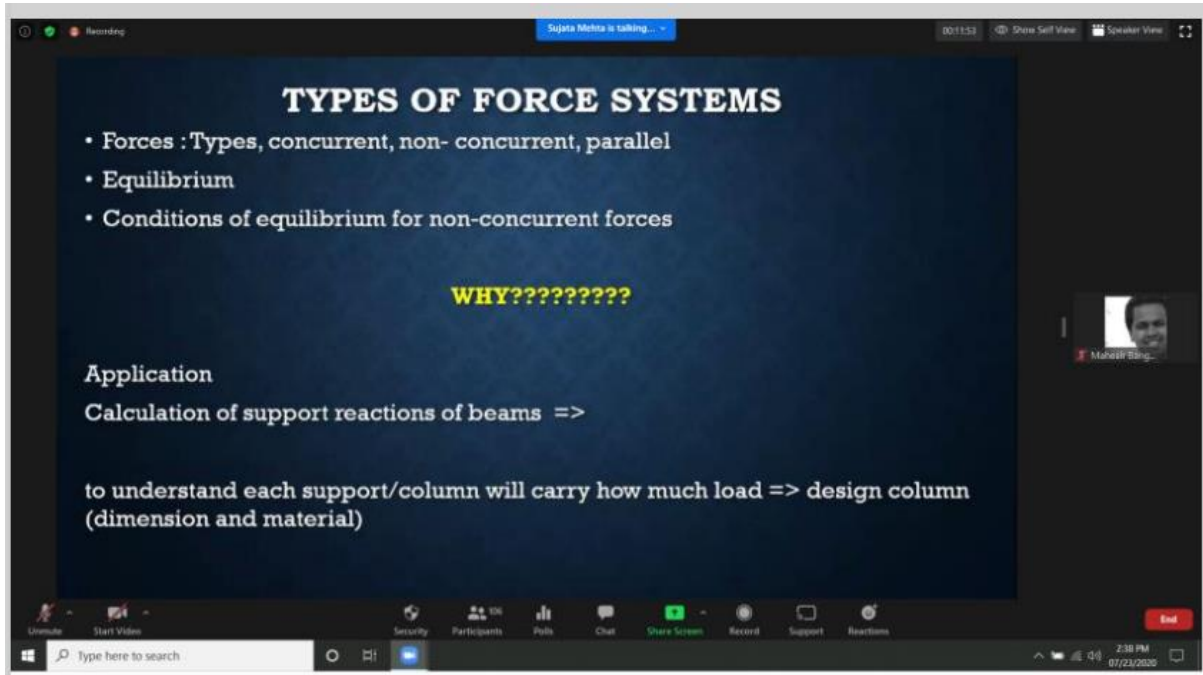
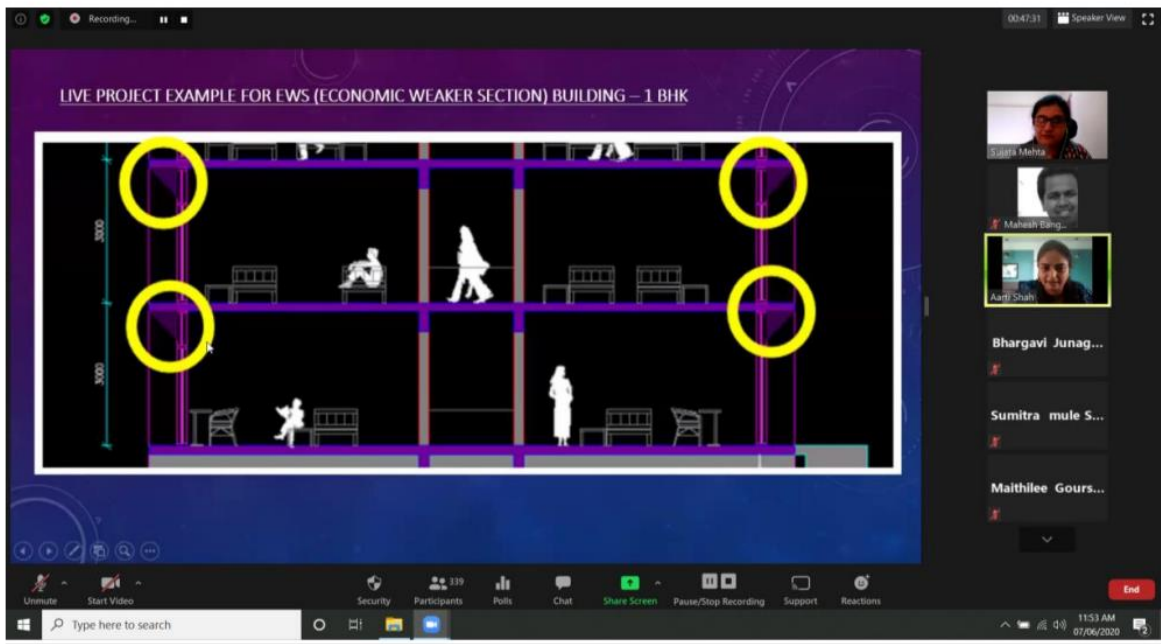
Affiliated to Savitribai Phule Pune University.(SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture.(COA),New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council(NAAC)



DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE
FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail:mail@bnca.ac.in, www.bnca.ac.in

PHOTOS





MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University (SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
* Council of Architecture (COA), New Delhi
* All India Council for Technical Education (AICTE)
* National Assessment & Accreditation Council (NAAC)



DR. BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE
FOR WOMEN

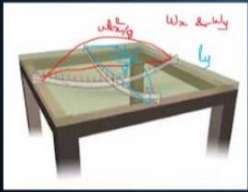
Gate No: 04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail: mail@bnca.ac.in, www.bnca.ac.in

WHY LEARN SFD???

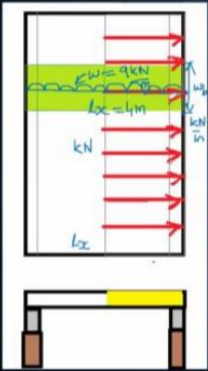
- Beams are commonly subjected to wall, slab and self loads which are vertical.
- Vertical loads are perpendicular to beam axis and parallel to beam cross section so they are called shear forces.
- We need to know the maximum amount of shear force on the beam and it's location so we can design the beam accordingly i.e. determine the size, orientation and material or vary the span.



BENDING OF TWO WAY SLAB



TRANSFER OF LOAD ON BEAMS ONE WAY SLAB



- The total udl calculated from slab if it is w kN/m, then udl on beam from one way slab will be
- $w * \text{slab length (lx of slab)} / 2$

From one slab



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University.(SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture.(COA),New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council(NAAC)



DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE
FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail:mail@bnca.ac.in, www.bnca.ac.in

POSTER

MKSSSS's Dr. Bhanuben Nanavati College Of Architecture for Women, Pune



Structural Simulations Using Software

29 June - 02 July 2020
Time: 08:00 am – 04: 00 pm
4 Week Course

Instructor: Dr. Sujata Mehta
Venue: ONLINE

Supported By: Dr. Anurag Kashyap
Conceptualized By: Dr. Sharvey Dhongde,



BNCA



BNCA Pune



bncaofficial



mail@bnca.ac.in



mksss's dr. bhanuben nanavati college of architecture



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University (SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture (COA), New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council (NAAC)



DR. BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE
FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail: mail@bnca.ac.in, www.bnca.ac.in

CERTIFICATES:



CERTIFICATE OF PARTICIPATION
to
Anushree Udakhe
For successfully completing
"Structural Simulation using Software"
CONDUCTED FROM 13th -17th OF JULY 2020

Dr. Anurag Kashyap
Dr. Anurag Kashyap
(Principal, BNCA)

Ar. Sujata Mehta
Ar. Sujata Mehta
(Course Coordinator)



CERTIFICATE OF PARTICIPATION
to
Mrunal Patil
For successfully completing
"Structural Simulation using Software"
CONDUCTED FROM 13th -17th OF JULY 2020

Dr. Anurag Kashyap
Dr. Anurag Kashyap
(Principal, BNCA)

Ar. Sujata Mehta
Ar. Sujata Mehta
(Course Coordinator)

Dr. Anurag Kashyap
(Principal, BNCA)

Dr. Chetan Sahasrabudhe
(IQAC, BNCA)

Sujata Mehta
(Coordinator)

PRINCIPAL
MKSS's DR. BHANUBEN NANAVATI
College of Architecture For Women
Karvenagar, Pune-411 052.



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University.(SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.

Approved by:

- *Council of Architecture.(COA),New Delhi
- *All India Council for Technical Education (AICTE)
- *National Assessment & Accreditation Council(NAAC)



DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE
FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail:mail@bnca.ac.in, www.bnca.ac.in

2022-23



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University.(SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture.(COA),New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council(NAAC)



DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE

FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail:mail@bnca.ac.in, www.bnca.ac.in

REPORT- Capacity Building Workshop on Grasshopper

COURSE NAME: CAPACITY BUILDING WORKSHOP ON GRASSHOPPER

COURSE CODE: BNCA_202223_04

BNCA CO-ORDINATOR: Prof. Dhanashree Deshpande

NAME OF THE RESOURCE PERSON: Prof. Dhanashree Deshpande and Prof. Supriya Dhamale

RESOURCE PERSON POST AND ORGANIZATION: Prof. Dhanashree Deshpande, Associate Professor, BNCA

DATES: 26.07.2022- 14.10.2022

TIMING: 3.00 pm-6.00 pm

VENUE: BNCA

STUDENTS ATTENDED (YEAR/MIX): B. Arch – 3rd year

STUDENT NUMBER: 12

BRIEF ABOUT THE PROGRAM:

The intent of the experiment, in this instance with undergraduate architecture design students who already have some familiarity with Rhinoceros 7.0 modelling processes, was to introduce a formal digital Design Thinking (methodology), as well as digital design thinking principles, methods, and tools.

The pedagogic design exercise is structured to assist students to understand, think and produce in three predetermined learning targets:

1. Architectural design problem-solving.
2. Parametric methods utilizing.
3. Computational environment handling.



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University.(SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture.(COA),New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council(NAAC)



DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE

FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail:mail@bnca.ac.in, www.bnca.ac.in

ALLOTTED TIME

Timeframe: - A sustained training of 3 hours per week (Friday latter half) was imparted to the cohort of total of 12 students who voluntarily participated and chose to be part of the value-added course. All 12 students were imparted progressive skilling in tandem with the design studio progression.

The experimental studio was conducted by Ar. Dhanashree Sardeshpande and Ar. Supriya Dhamale as parametric experts.

The schedule for the grasshopper sessions was planned in tandem with the design studio It was understood that the schedule will have to be dynamic as the tutor team conducting the studio had no idea of the potential of students to handle computational complexity.

This team of students thus inducted as sample were the batch who had never physically been to college due to Covid. So that made this value-added course that was to feed in their design process a first-ever complex interface for the students.

The class of parametric models used as a base of the experiment is a hybrid model that involves the use of a particular class of models which are **Formation models & Performance models** (reference Oxman taxonomy)

INSTRUCTIONAL MISSION AND GOALS

The main instructional mission of the proposed pedagogic experiment was to advance students' knowledge and skills towards the following goals:

1. To introduce the architectural design tools offered by the computational environment.
2. To brainstorm and emphasize the newly emerged design methods made possible by the computational environment.
5. To explore parametric design tools in the undergraduate studio and to examine the generation of multiple formal expressions through these tools for architectural pedagogy.

Method of conduction of the experimental studio

The pedagogical experiment thus was planned in ways where the studio was additionally, informed and supplemented by a parametric course studio conducted every Friday between 3 to 5.30/6pm. This way it did not eclipse the conduction hours of design studio in the institute that is scheduled every Tuesday from 11.15 to 2.45 PM and Friday from 8.00 AM till 1.15 Pm



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University.(SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture.(COA),New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council(NAAC)



DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE

FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail:mail@bnca.ac.in, www.bnca.ac.in

This value-added course was meant as an introductory course as a structured pedagogical effort to introduce aspects of computational thinking so that students understand the possibilities and practice it constructively.

Expected proficiency levels was set at the lowest level technically called a preliminary level in digital design where students were explained and demonstrations through precooked definitions (worked upon by the tutors)to work

- learning how the grasshopper algorithm is created and what it does: - Preliminary literacy, Teaching Precooked definitions through tutorials.

With the proficiency level established.The learning objectives of this experimental studio to teach Computational design methods were expressed as

Students will

- **Learn fundamental computing concepts,**
- **Apply those concepts using a programming language in the context of design problems, to generate and evaluate design artefacts.**
- **Reflect upon the role of computing within their personal design process.**

In support of these objectives, the course syllabus was designed to introduce computing topics in a manner that carefully builds complexity with each lesson. The experimental set up thus had a dedicated class that demonstrated the grasshopper logic through classes wherein definitions worked upon and created by tutors earlier will be built up bottoms up so that the logic could be explained. This way it allowed the students to see architectural geometries being built parallel along with creation of the code.

The basic readiness for the experimental studio had to be done. While building up the experimental studio various stages of design resolution was analysed and the first step of the role of precedent study was marked as an intervening step. This being the first steps towards developing a design thought was considered the right point of intervention towards nudging students to use computational tool to generate design ideas.

The development of referent models according to the digital pedagogy research was taken up by the tutors in the annual break before the semester commenced, the design brief was aligned so that it would have scope for form experimentation.



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University.(SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture.(COA),New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council(NAAC)



DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE

FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail:mail@bnca.ac.in, www.bnca.ac.in

Development of Exemplars and Referents by tutors

This studio thus used referent model in its algorithmic form as it aligns with the dual model and may allow dual cognition as stated above. These referents were introduced in the digital studio in the form of algorithmic models. They were based on precedent studies and were divided into various models depending upon the class of implicit information that they contained.

The referent models were developed by teachers from a selected class of precedents that align to various learning objectives that are in tandem with the design brief of designing an '**Urban sports and community hybrid**'. These referent models were modelled before and by the tutor team as a preparatory material. With the decision on introducing the design brief based on Urban Sports hybrid now made the researcher started categorizing and making presentation of precedents. This was to mine available resources from the internet. With references of built and proposed sports and civic centre projects, the researcher categorized it in various verticals namely.

1)Built form and structure of large span sports centre

Here various attributes as decided by the tutor team were introduced

- Sports centre as a large span structure
- Its plurality as a civic space
- Its built form
- And techniques used to achieve a built form.
- How large span sports structure also can be humanized and related to the user scale

2) Material configurations and structural consideration in making a large span sports structure

- How conventional material like brick and Concrete are used in making large span sports structure, in standard and non standard forms
- Pioneering work on sustainable spaces as built spaces for sports centre
- Use of engineered wood in making sports centers
- Use of waffle systems in making nonstandard built forms for sports centre

3) Façade and fenestration in Large span sports structure

- How climatic control is achieved in sports centre
- How daylight is effectively used in sports centre
- Dynamic Fenestrations and its integration with built form
- Weatherproofing large span sports structure

4) Landform development: - Since the site was sloping a presentation of precedents that catered to dichotomous relationship between landscape and built-form

- How sloping sites can be used to humanize the exterior of a large civic building.
- How landscape and built form can be used to control unfavourable weather parameters
 - Understanding the climatic response of earth berming and creation of landforms,
- Built form as a landscape(landform) , prompting plural use of designed artefacts



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University.(SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture.(COA),New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council(NAAC)



DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE

FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail:mail@bnca.ac.in, www.bnca.ac.in

The preparatory time needed for the presentation by the researcher was around 10 days, out of which around 25 working hours were spent for the initial mining of precedents, around 10 hours were spent with the Digital tutor's team where the formal composition of the precedent study was understood as a design system. So, a total of around 35 working hours were spent on selection of precedent study, making crisp formal presentations, and enlisting potential formal precedents for further generating referent models in grasshopper.

In the referent model generation phase, which was a preparatory phase for the proposed studio later, the team worked on the following process.

- Explication of specific characteristics of a precedent study, various elements of the precedent study and its ascertaining underlying dependency of the built form wrt to attributes
- Isolate its characteristic termed as inheritance, understand its specific attribute.
- Develop a computational precedent in ways that referent models don't lose their inheritance.
- Review the first generations of referent model, check for its generative capacity to allow transformations.
- Simplify, cluster, so that the interface is convenient to users.

The referent models thus were checked for the Visual, procedural, and conceptual attributes as prescribed by researchers of digital pedagogy.

The referent model thus created via various grasshopper scripts had inherited generative attribute that allowed various transformation wrt its variant parameters. The hope was that students will use the referent model to create plural forms/alternatives and that they may be able to change some attributes to suit their design aspiration via changing sliders. This helped the tutors in clearly aligning the capabilities of the model definition with a specific learning objective. The pre-modelling phase was an interesting exercise for the mentors and her extended team as it gave them a pedagogical canvas that allowed the teachers to anticipate students' questions, rephrase the definition and make it more interactive as a medium. This library of referent modules was made by the Ar. Dhanashree Sardeshpande, Ar. Kaushik Sardesai, ar. Supriya Dhamale and Ar. Amar Shetty. This was a developmental phase which consumed a time span of 24 days wherein roughly 75 to 80 hours cumulatively were put in by different teachers to develop the referents. With the body of referents developed, the potentials were once again ascertained and now the learning objectives had to be aligned to suit the tool affordances. The key to that was creation of learning objectives that bridge design aspiration at various stages to the affordances of the digital medium.

Development of referent models an insight



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University.(SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture.(COA),New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council(NAAC)



DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE
FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail:mail@bnca.ac.in, www.bnca.ac.in

Sample Case 1

COLISIEUM GYMNASIUM MEDELLIN COLOMBIA
Giancarlo Mazzanti + Felipe



Image courtesy: Iwan Bann, renders by :- Sergio Gómez, Veronica Restrepo, Retrieved from:-
https://www.elequipomazzanti.com/en/proyecto/097_four-sport-scenarios/



Image courtesy: Iwan Bann, renders by :- Sergio Gómez, Veronica Restrepo, Retrieved from:-
https://www.elequipomazzanti.com/en/proyecto/097_four-sport-scenarios/



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA

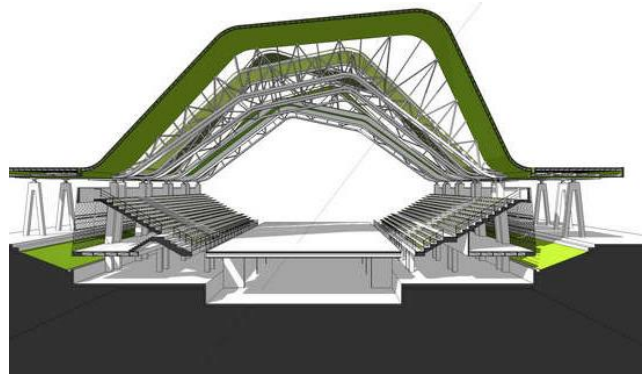
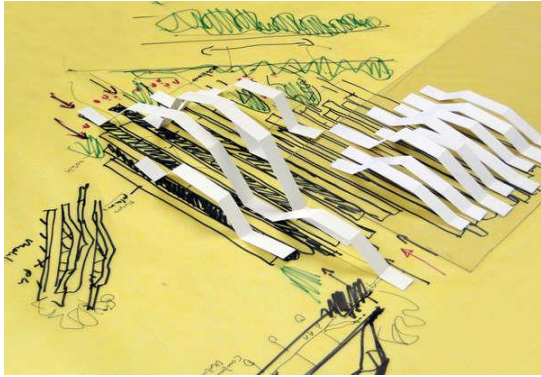


Affiliated to Savitribai Phule Pune University.(SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture.(COA),New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council(NAAC)



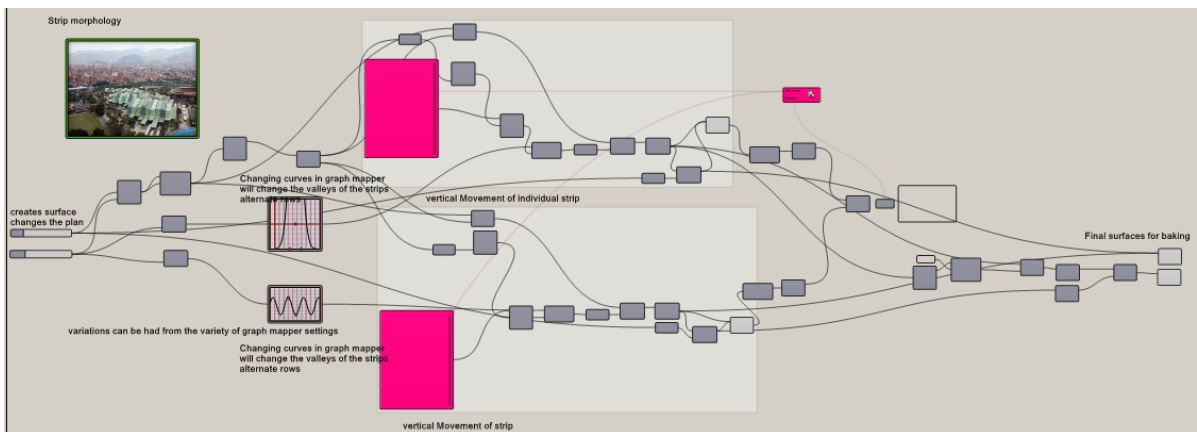
DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE
FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail:mail@bnca.ac.in, www.bnca.ac.in



Concept board and section of the Madeline Columbia sports centre

Other than the attributes explained by the designing architects, the precedent was seen as an example that allowed to articulate large sports structural volumes efficiently using the strip patterns. The strip pattern now became a geometrical system and an inherent characteristic. It was modulated via grasshopper script to enclose variable volumes that could be controlled through sliders
The first version of script allowed the tutor group to develop a pattern of developable strips that mirrored the concept



Grasshopper script of developable strip that contains instructions for students



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA

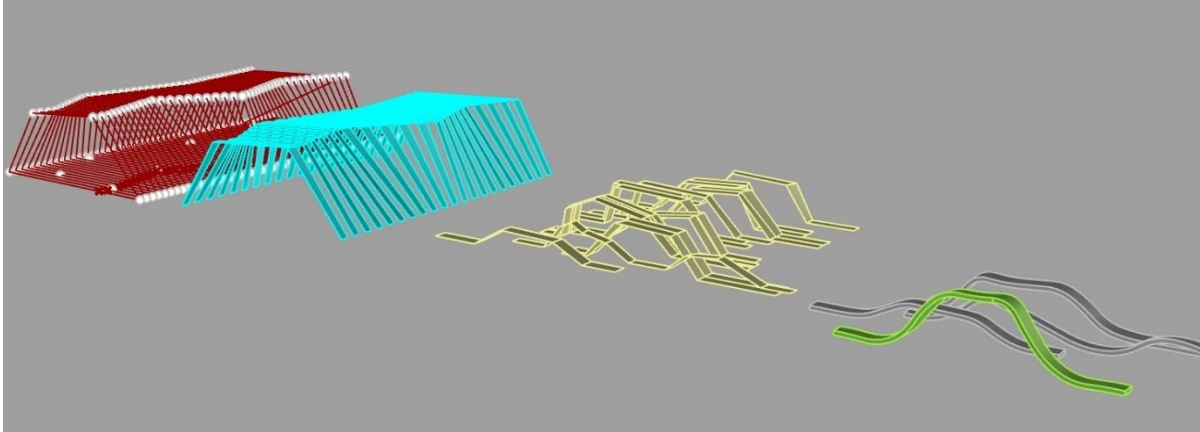


Affiliated to Savitribai Phule Pune University (SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture (COA), New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council (NAAC)

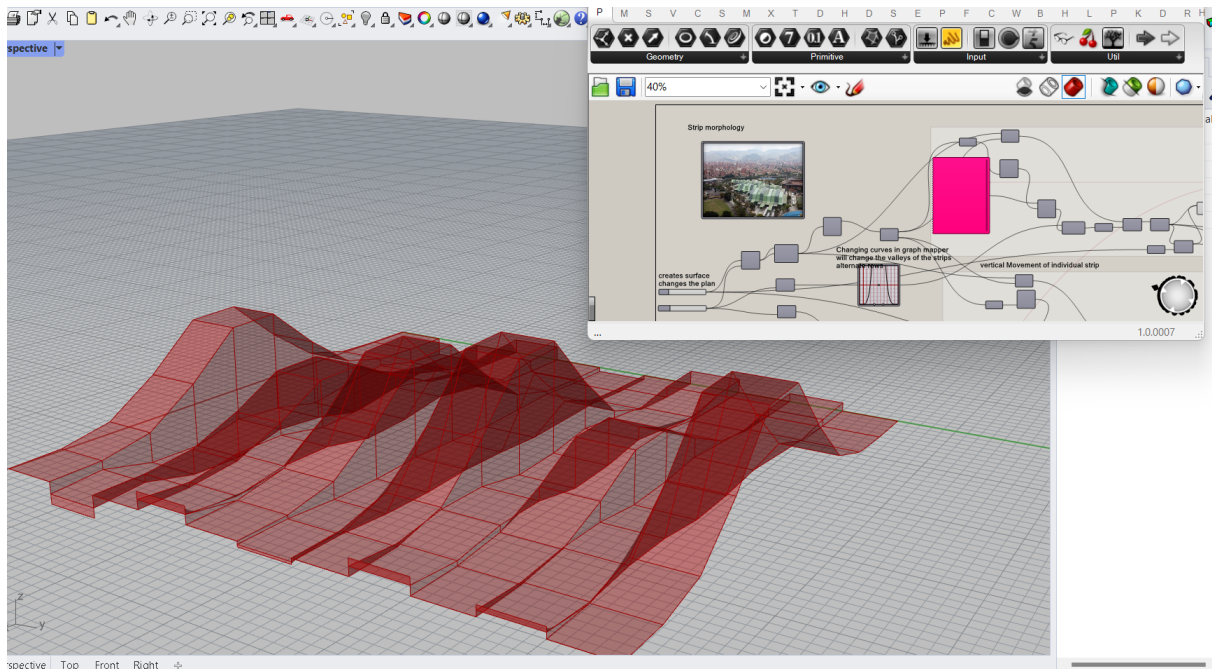


DR. BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE
FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail: mail@bnca.ac.in, www.bnca.ac.in



Rhino UI that shows the grasshopper generated form and its variations as a form generator. Later the script was edited and remade for allowing variations and more dexterity in controlling form





MAHARSHI KARVE STREE SHIKSHAN SAMSTHA

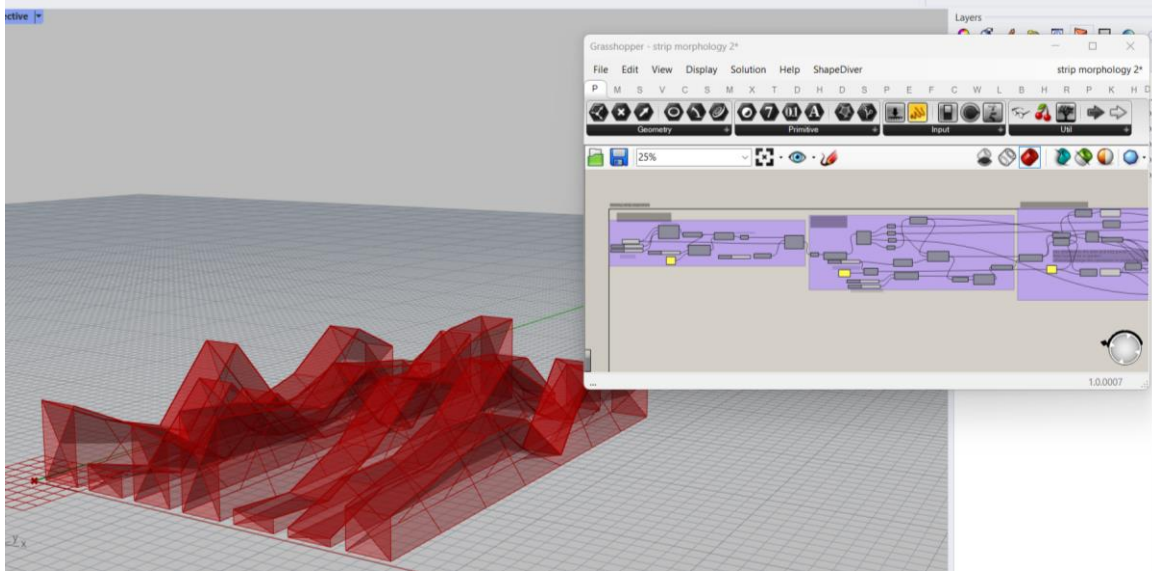


Affiliated to Savitribai Phule Pune University.(SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture.(COA),New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council(NAAC)

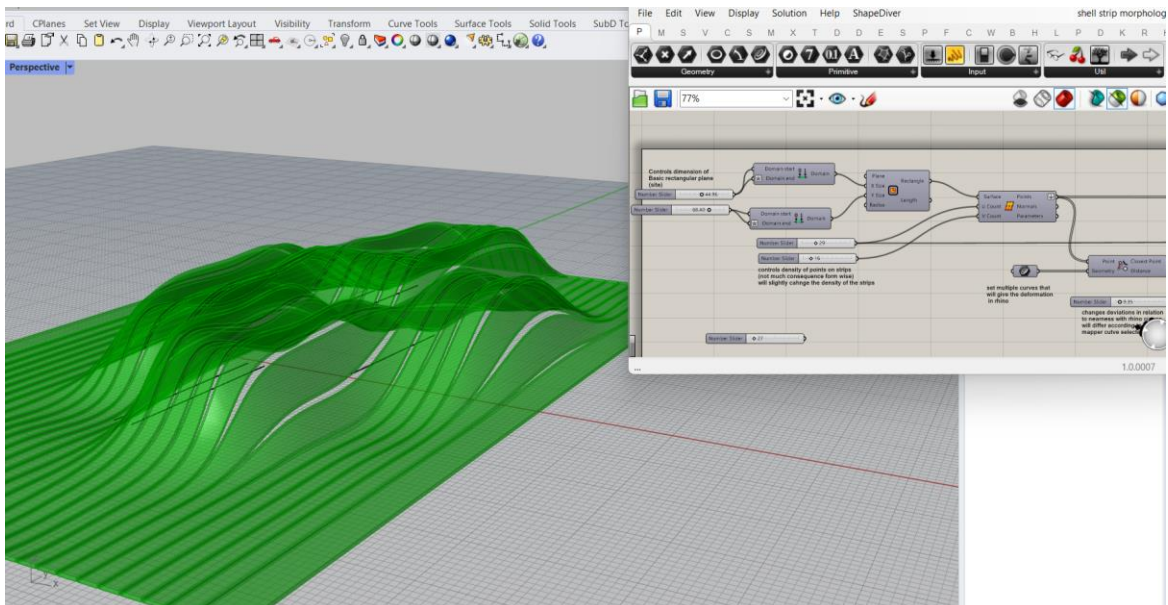


DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE
FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail:mail@bnca.ac.in, www.bnca.ac.in



Two different Grasshopper scripts allowed further variation of the referent models giving specific controls to make variations in the strip topology



The strip topology script was further edited to accommodate the response of sun direction and allowing shielding from sun and also allowed variations of footprint that could be set as per the designers wish to generate options.



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University.(SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture.(COA),New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council(NAAC)



DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE
FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail:mail@bnca.ac.in, www.bnca.ac.in

Thus every referent model underwent changes and produced plural scripts each uniquely preserving the inherent character of the precedent yet avoiding mimicking in the same way that it was originally created.

Sample Case referent model 2

Responsive louvre



UC Riverside Student Recreation Center Expansion US by Cannon Design



Aquatic centre Sweden by 3XN Architects

These precedents were analyzed by its characteristics façade development that responded to sun path. A referent model was developed that allowed various form and geometrical extrusions to respond to sun directions in ways to avoid the harsh sunlight and render



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



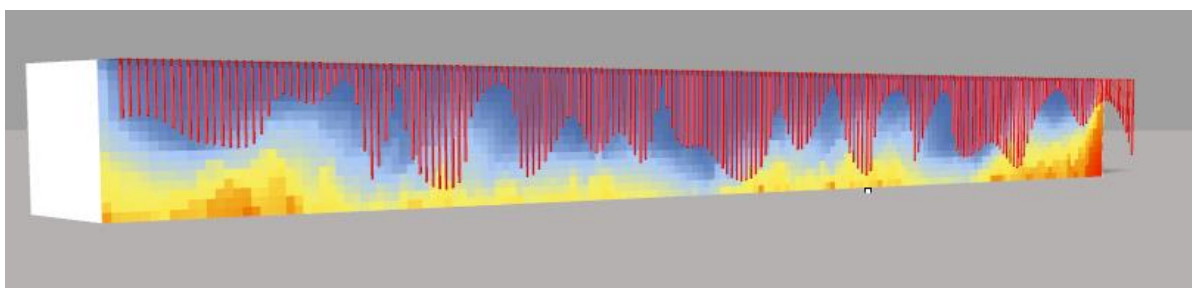
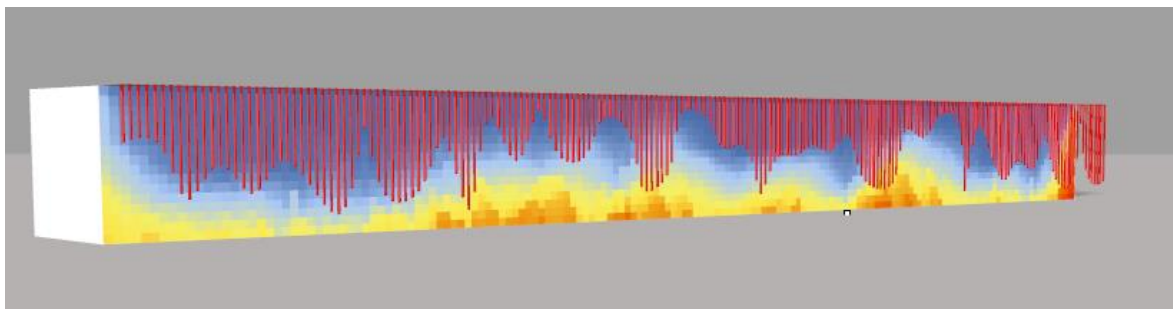
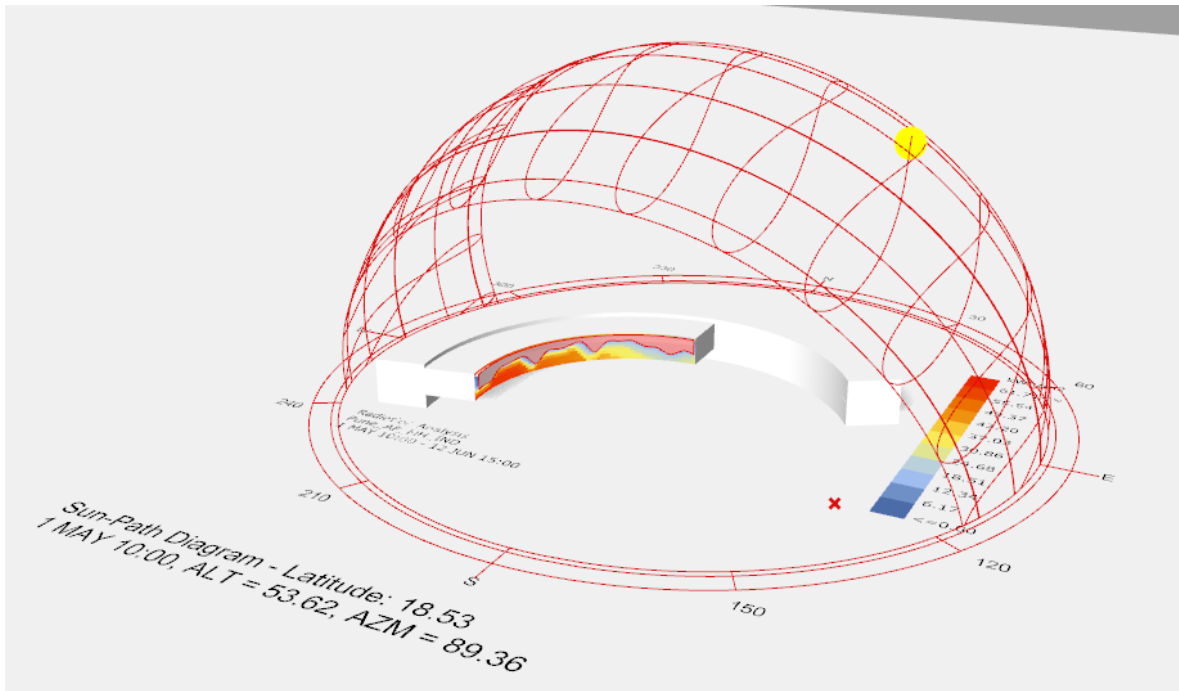
Affiliated to Savitribai Phule Pune University.(SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture.(COA),New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council(NAAC)



DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE
FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail:mail@bnca.ac.in, www.bnca.ac.in

dynamism to the façade. The script used Ladybug as a plugin so that weather datas of specific geographic location n could be used to assess the solar response





MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



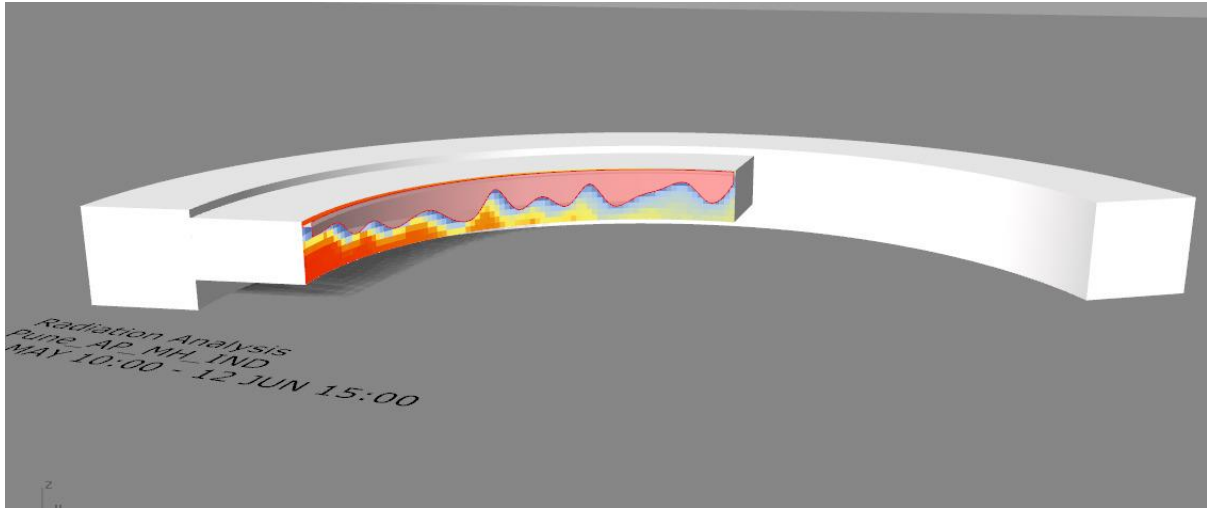
Affiliated to Savitribai Phule Pune University (SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture (COA), New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council (NAAC)



DR. BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE
FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail: mail@bnca.ac.in, www.bnca.ac.in

Various options of louvre design that has capacity to respond to various footprint forms



Here the corresponding responsive façade script plugs in the weather data of a specific city (Pune as a site) and produced innumerable iterations of the louvre strip that recedes in areas receiving less sunlight and vice versa on variety of footprints, here rectangular and circular footprints are tried for demonstration.

Sample 3

Prismatic form



La Fontaine Sports Complex by Archi5 + Tecnova Architecture and UBC Aquatic Centre / Acton Ostry Architects + MJMA

The above precedents became exemplars to develop a topology of prismatic forms which was incrementally developed into a sophisticated algorithmic script that produced prismatic forms allowing them to respond to sun. The script developed forms that would cantilever



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



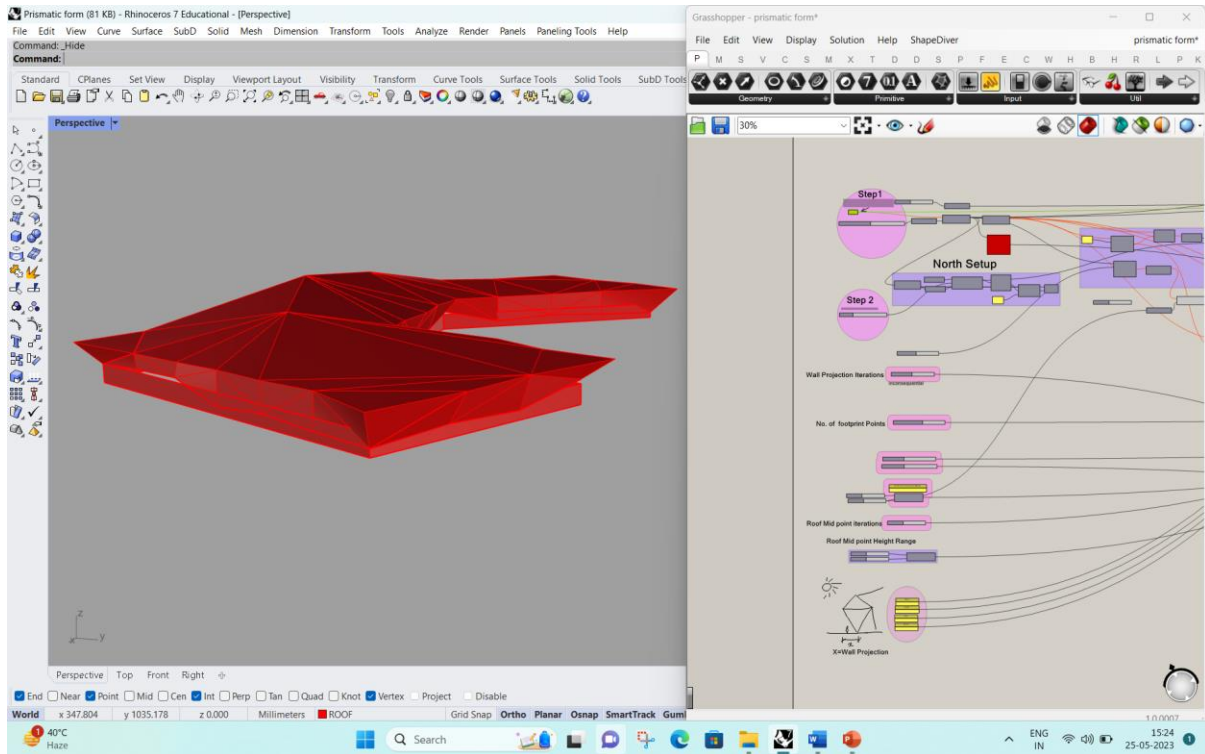
Affiliated to Savitribai Phule Pune University.(SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture.(COA),New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council(NAAC)



DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE
FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail:mail@bnca.ac.in, www.bnca.ac.in

prismatically in the direction of choice to facilitate setting up of the sun path according to site orientation.



The prismatic form and the script on RHS allow modulating the sun's direction and respond by allowing a range of cantilevers on the heat receiving directions of the form and can be instantiated to many footprints or platforms.

Thus, Grasshopper scripts were made and were also later developed as per inputs of various students based on their form aspirations

A Total of 5 definitions with their variants then were modelled in due course of conduction of the experimental studio a total of 16 definitions were iteratively developed according to the students' aspirations and introduced as per the schedule of the workshop

- 2 algorithmic scripts: - for Slope analysis and road formation according to slope on a sloping site
- 3 scripts for strip morphology
- 4 Scripts of kangaroo physics simulation for form finding of compressive and tensile structures
- 2 scripts for dynamic and responsive fenestration design
- 1 script for responsive prismatic forms
- 4 various scripts for shell structures



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University.(SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture.(COA),New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council(NAAC)



DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE

FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail:mail@bnca.ac.in, www.bnca.ac.in

Learning outcomes for the value added course

Learning outcomes were framed on the basis of research of creativity in architectural pedagogy and digital architecture pedagogy

Abundance (generate a large volume of ideas)

- Generation of design alternatives, the generation of ideas were to be quantitatively measured population. This was to be an indicator of The ideation fluency can be measured with the number of options generated after the concept generation phase.

Flexibility (have a variety in the ideas) & originality (go out of the common)

- Ideation flexibility (Variety between ideas), After the precedent study students work will be analyzed for the qualitative diversity of prototype. This was assessed by likeliness between source and target.

Advancement of design ideas

- Display structural integrity
- Amalgamation of built form with landscape
- Humanizing large span architectural forms

Conduction:

The experimental studio was conducted for 16 sessions, every Friday from 2.30 PM/3Pm till 5.30 Pm /6pm depending upon the student occupancy in the DA classroom with one tutor instructing and the other assisting as explained in the schedule . Normally the tutor who has developed the script would lead by teaching and the other would assist accordingly. The assistant teacher had to ensure troubleshooting of individual student interface

So, a lot of time was gone in setting up their evaluation version of Rhino 7 and teaching them basic skills. in all 4/5 modules were attributed to teaching Rhino as a 3d modelling tool, 12 sessions went in introducing grasshopper referent models and 4 sessions went in troubleshooting the students' queries

The ecosystem

The classes were conducted in S. Y M. Arch DA classroom which has a strong network capacity and an arrangement that facilitates on screen teaching



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University (SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture (COA), New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council (NAAC)



DR. BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE
FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail: mail@bnca.ac.in, www.bnca.ac.in





MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University.(SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture.(COA),New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council(NAAC)



DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE
FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail:mail@bnca.ac.in, www.bnca.ac.in



The experimental studio setting in one of the sessions where Ar. Supriya Dhamale is teaching and Ar. D Sardeshpande is assisting



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University.(SPPU)
 University Affiliation No.: PU/PN/ARCH/109/1994.
 Approved by:
 *Council of Architecture.(COA),New Delhi
 *All India Council for Technical Education (AICTE)
 *National Assessment & Accreditation Council(NAAC)



DR.BHANUBEN NANAVATI
 COLLEGE OF ARCHITECTURE
 FOR WOMEN

Gate No:04, BNCA Campus,
 Cummins College Road,
 Karve Nagar, Pune 411 052.
 Ph: +91 20 25474062 / 25476966
 E-mail:mail@bnca.ac.in, www.bnca.ac.in

PO/ CO

	Course Outcomes	PO 1 Professional Competence	PO 2 Technical competence	PO 3 Critical Thinking Synthesis	PO 4 Quantitative Reasoning	PO 5 Theoretical Foundation	PO 6 Innovative Thinking
CO1	Learn the art of analysing design precedents for the process of evolving design and individuality of approach	3	2	3	2	1	2
CO2	Independently analyse, synthesize, results of the computational referent models and use initiative to explore alternatives, showing the flexibility of ideas and originality.	2	3	3	2		3
CO3	Independently optioneer and rationalize outputs of algorithmic script and make an informed design decision	3	2	3	2	1	3
CO4	Implicate knowledge of design fundamentals gained in other subjects to develop better design solutions that display structural integrity and buildability	2	3	3	1	2	1
CO5	Understand site planning, organization, scale, orientation, and relation of built form with surrounding	2	1	3	1	1	3



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University (SPPU)
 University Affiliation No.: PU/PN/ARCH/109/1994.
 Approved by:
 *Council of Architecture (COA), New Delhi
 *All India Council for Technical Education (AICTE)
 *National Assessment & Accreditation Council (NAAC)



DR. BHANUBEN NANAVATI
 COLLEGE OF ARCHITECTURE
 FOR WOMEN

Gate No:04, BNCA Campus,
 Cummins College Road,
 Karve Nagar, Pune 411 052.
 Ph: +91 20 25474062 / 25476966
 E-mail: mail@bnca.ac.in, www.bnca.ac.in

CO6	Develop appropriate graphic skills and presentation techniques to explain the content of the design	2	2	1	1		3
-----	---	---	---	---	---	--	---

Sample work

FORM FINDING PROCESS

TAKING A 2D PLANE → MARKING POINTS ON 2D PLANE → CREATING DYNAMIC TRIANGULATED PROJECTIONS IN THE FORM

CONCEPT - DYNAMIC TESSELLATED, PRISMATIC ROOF, THAT REFLECTS THE SPIRIT OF SPORTSMANSHIP THROUGH THE FORM
 DIFFERENT FACES CAN HAVE DIFFERENT LEVELS OF VISUAL PERMEABILITY ACCORDING TO REQUIREMENTS OF DIFFUSED NORTH LIGHT

2D FOOTPRINT OF MAIN STRUCTURE → 3D VIEW AFTER FORM DEVELOPMENT → TOP VIEW → CLIMATE RESPONSIVE ITERATIONS USING GRASSHOPPER

ITERATIONS IN ROOF HEIGHTS AND TRIANGULATED PROJECTIONS THROUGH CONTROL POINTS USING GRASSHOPPER

GRASSHOPPER PARAMETERS THAT ALLOW ENVIRONMENTAL RESPONSE IN FORM

OUTWARD PROJECTIONS OF TRIANGULATED ROOF DEPENDING ON DIRECTION OF NORTH USING GRASSHOPPER TO GET SOLAR PASSIVE SELF SHADED STRUCTURE

SECTIONS THROUGH FORM

CONCEPT- FORM DEVELOPMENT

KASTURI NARKAR
 TY STUDIO B
 AD-IV 2022-23



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



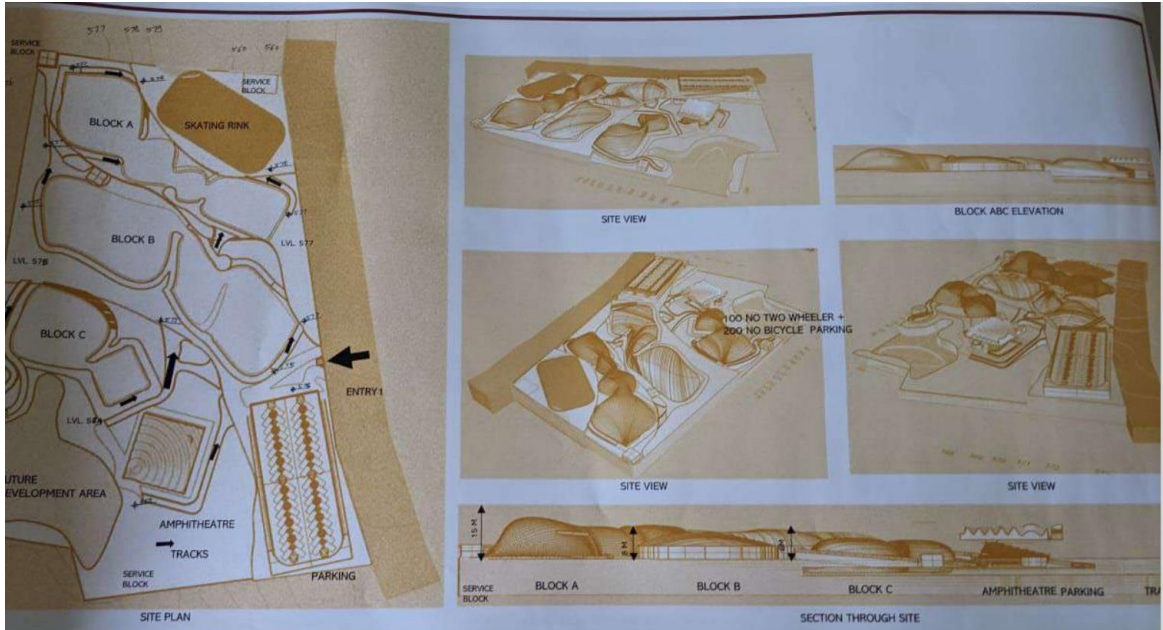
Affiliated to Savitribai Phule Pune University (SPPU)
 University Affiliation No.: PU/PN/ARCH/109/1994.
 Approved by:
 *Council of Architecture (COA), New Delhi
 *All India Council for Technical Education (AICTE)
 *National Assessment & Accreditation Council (NAAC)



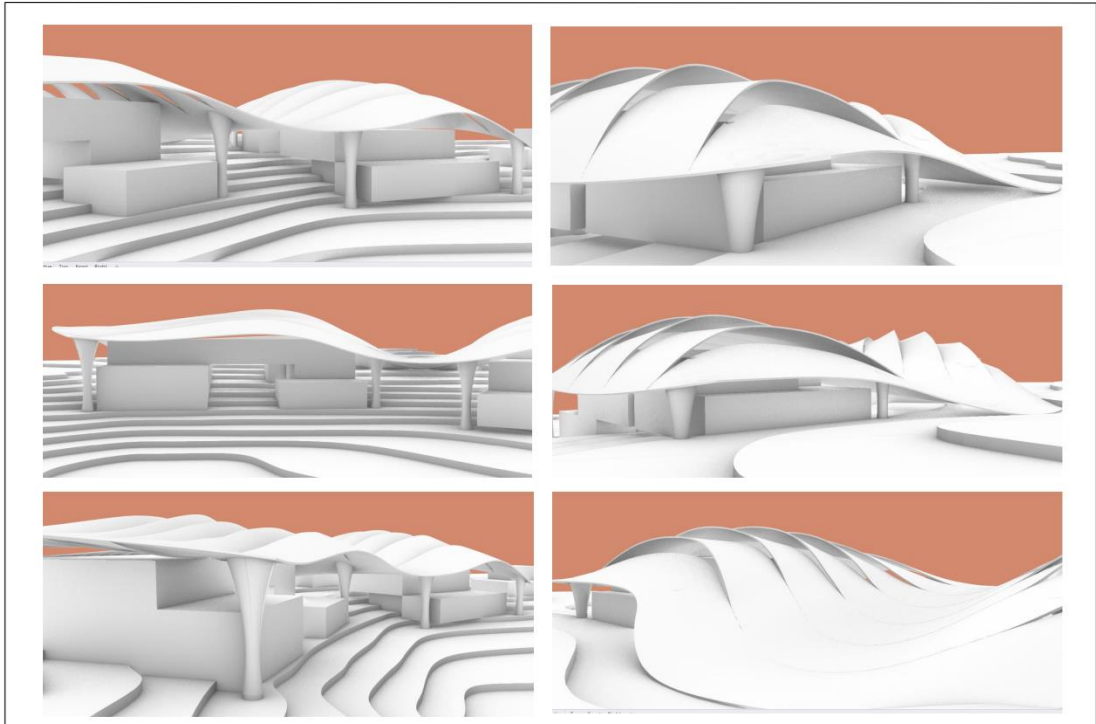
DR. BHANUBEN NANAVATI
 COLLEGE OF ARCHITECTURE
 FOR WOMEN

Gate No:04, BNCA Campus,
 Cummins College Road,
 Karve Nagar, Pune 411 052.
 Ph: +91 20 25474062 / 25476966
 E-mail: mail@bnca.ac.in, www.bnca.ac.in

Work by Kasturi Narkar



Work by Diya Jain



VIEWS

B.N. COLLEGE OF ARCHITECTURE
NAME- NEHA RAJENDRA PATIL
SUBJECT- ARCHITECTURAL DESIGN 4
DATE- 21/05/2024



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University.(SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture.(COA),New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council(NAAC)



DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE
FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail:mail@bnca.ac.in, www.bnca.ac.in

Work by Neha Patil

ATTENDANCE AND ASSESSMENT:

Sr. No	First Name	Surname	Div	Design Explorations (Abundance of ideas) 40	Flexibility of Ideas 15	Advancemnet of Ideas (Built Form) 40			End sem Assessment out of 100
						Scale transition in form 15	Structural resolution 15	Amalgamation with landscape 15	
1	Shreya	Limble	D	5	0	2	2	2	11
2	Diya	Jain	C	20	10	5	10	5	50
3	Gautami	Dakwale	B	20	2	0	10	3	35
4	Manasvee	Dixit	C	20	5	5	0	0	30
5	Anvesha	Mahalle	B	15	5	5	0	0	25
6	Ananya	Sakle	B	20	10	5	4	1	40
7	Kasturi	Narkar	B	30	15	10	15	5	75
8	Tejal	Barai	B	10	0	5	5	0	20
9	Aditi	Paul	D	5	5	5	0	5	20
10	Ameya	Pachghare	B	5	5	5	0	5	20
11	Neha	Patil	C	20	10	10	10	5	55
12	Sanika	Dahiwal	D	5	5	5	0	5	20



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University (SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture (COA), New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council (NAAC)



DR. BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE
FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail: mail@bnca.ac.in, www.bnca.ac.in

POSTER:

MKSSS's Dr. Bhanuben Nanavati College Of Architecture for Women, Pune



CAPACITY BUILDING WORKSHOP ON GRASSHOPPER

26 July – 14 October, 2020
Time: 03:00 pm – 06: 00 pm

Instructor: Prof. Dhanashree Deshpande
and Prof. Supriya Dhamale
Venue: BNCA

Supported By: Dr. Anurag Kashyap
Conceptualized By: Dr. Sharvey Dhongde,



BNCA Pune bncaofficial mail@bnca.ac.in
 mksss's dr. bhanuben nanavati college of architecture



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University.(SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture.(COA),New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council(NAAC)



DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE
FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail:mail@bnca.ac.in, www.bnca.ac.in

CERTIFICATES:



CERTIFICATE OF PARTICIPATION
to
Diya Jain
For successfully completing
"Capacity Building Workshop on Grasshopper"
CONDUCTED FROM 26.07.2022- 14.10.2022

Dr. Anurag Kashyap (Principal, BNCA) and Dhanashree Sardeshpande (Course Coordinator)



CERTIFICATE OF PARTICIPATION
to
Kasturi Nahar
For successfully completing
"Sketch up Training Program"
CONDUCTED FROM 26.07.2022- 14.10.2022

Dr. Anurag Kashyap (Principal, BNCA) and Dhanashree Sardeshpande (Course Coordinator)

Dr. Anurag Kashyap
(Principal, BNCA)

Dr. Chetan Sahasrabudhe
(IQAC, BNCA)

Prof. Dhanashree Sardeshpande
(Coordinator)

PRINCIPAL
MKSS's DR. BHANUBEN NANAVATI
College of Architecture For Women
Karvenagar, Pune-411 052.



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University (SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture (COA), New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council (NAAC)



DR. BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE

FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail: mail@bnca.ac.in, www.bnca.ac.in

REPORT -Architects Training Program

COURSE NAME: Architects Training Program

COURSE CODE: BNCA_202223_07

COURSE CO-ORDINATOR: Ar. Aniruddha Kolhatkar

NAME OF THE RESOURCE PERSON: Ar. Aniruddha Kolhatkar

RESOURCE PERSON POST AND ORGANIZATION: Professor, BNCA

DATES: Jan 2023-April 2023

TIMING: Varied as per sessions

VENUE: Online Mode

STUDENTS ATTENDED (YEAR/MIX): 3rd-5th year B. Arch Students

STUDENT NUMBER: 270

BRIEF OUTLINE OF THE PROGRAM:

Duration in Hours: 30 hrs including assessment.

Duration in Weeks: 14 weeks (1.5 hrs per week)

Tutor (only one name): Ar. Aniruddha Kolhatkar

Course Objectives:

1. To acquaint the students with various legal documents required to get plans approved from local authority
2. To acquaint the students with basic building bye laws as per UDCPR
3. Introduction to process of plan approval. Check list of various steps in the process
4. Practical application of UDCPR with examples

Any Prerequisites: None

How does this course add value to the students' learning?

The students passing out from the college have been trained for various subjects which are required for the profession. However, there is a big gap between theoretical knowledge and what is practised in the profession. This program has been designed with a view to bridge this gap and make the students ready for the profession. This will not only improve their employability but also make them more professional and able to handle the challenges they face in Architectural practice.

SCHEDULE WITH CURRICULUM DETAILS



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University.(SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture.(COA),New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council(NAAC)



DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE

FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail:mail@bnca.ac.in, www.bnca.ac.in

	Description of Content	Assignment (if any)
Week 1	Various documents required for plan approval and how to read and interpret the documents	Question and answers regarding each document and application in plan approval process
Week 2	Concept of Development plan, zones, and building uses permissible	Reading of development plan based on tutorial
Week 3	Rules regarding layout of plots, road widths, Amenity and Open space	Question and answers and problem solving
Week 4	FSI, TDR, Premium FSI, TOD, Ancillary FSI and how it affects the potential of development	Question and answers and problem solving
Week 5	Rules for marginal distances	Question and answers and problem solving
Week 6	Rules for height of building	Question and answers and problem solving
Week 7	Rules for ventilation shafts, stairs	Question and answers and problem solving
Week 8	Free of FSI uses	Question and answers and problem solving
Week 9	Rules for parking, basements, ramps	Question and answers and problem solving
Week 10	How to calculate water supply and toilet requirements	Question and answers and problem solving
Week 11	Rules for congested part of the city	Question and answers and problem solving
Week 12	Firefighting requirements	Question and answers and problem solving
Week 13	Special and non-special building	Question and answers and problem solving
Week 14	Documents required for Occupancy certificate	Question and answers and problem solving

ATTENDANCE SHEET: Attached as Annexure II

ASSESSMENT SHEET: Online Quiz (Sample quiz attached as Annexure I)

STUDENTS FEEDBACK SUMMARY: Not Undertaken

POSTER:



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University.(SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture.(COA),New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council(NAAC)



DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE
FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail:mail@bnca.ac.in, www.bnca.ac.in

MKSSS's Dr. Bhanuben
Nanavati College of
Architecture

ARCHITECT'S TRAINING PROGRAMME 2023

When Architectural students pass out from college, they have been trained for various subjects like design, technical subjects such as construction, building services etc. But even then they are not trained for practical aspects of profession. Hence this course is designed to hone the skills of the fresh Architect so that he can be absorbed into the building Industry. This will increase his prospects of getting a good job or for starting his own practice.

The course has been designed in parts which are as follows
Introduction to documents required to get building permission
Introduction to UDCPR (unified development control rules)
Introduction to process of Tendering including preparing tender documents, tender drawings etc.
Introduction to site work including site supervision, bill checking, site meetings, etc.



Instructor: Ar. Aniruddha Kolhatkar
Online Mode

- Conceptualized By: Ar. Aniruddha Kolhatkar
- Co-Ordinator: Ar. Siddhi Joshi, Ar. Yash Joshi
- Supported By: Dr. Anurag Kashyap
- Organized By: BNCA



BNCA Pune

bncaofficial

mail@bnca.ac.in

mksss's dr. bhanuben nanavati college of architecture

GEOTAG PHOTOS / SCREENSHOTS ETC:



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University.(SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture.(COA),New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council(NAAC)



DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE
FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail:mail@bnca.ac.in, www.bnca.ac.in

Microsoft Teams

ATP LECTURE NO.7.

2023-04-21 13:43 UTC

Recorded by
Aniruddha Kolhatkar

Organized by
Aniruddha Kolhatkar

00 01 / 1:28:05

Aniruddha Kolhatkar Anushree Gaikwad Mitali Anushka Nagle Arushi Ponnala

Sejal Tote Komal Kadam Kasturi Narkar Samiksha Potdukhe

00 06 / 1:28:05

GEOTAG PHOTOS / SCREENSHOTS ETC:



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University.(SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture.(COA),New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council(NAAC)



DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE
FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail:mail@bnca.ac.in, www.bnca.ac.in

MARGINAL DISTANCES
IN CONGESTED PART OF THE CITY
ii) Front Marginal Distances/Setback/ Roadside Margin/s in Congested Area
The minimum front setback from the existing or proposed road/ roads shall be as per the following Table No. 6B.
Table No. 6B.
Table with 4 columns: Sr. No., Road width, For Residential building, For Residential Buildings with mixed-use.
Rows include street widths from less than 4.5m to 12m and above, with corresponding setbacks ranging from 2.25m to 2.50m.

HEIGHT OF BUILDING
FOR APPLICABILITY OF UDPCR RULES THE HEIGHT OF BUILDING CAN BE CONSIDERED IN THREE PARTS
1. HEIGHT OF BUILDING UPTO 15m
2. HEIGHT OF BUILDING 15m AND ABOVE UPTO 24m
3. HEIGHT OF BUILDING 24m AND ABOVE
4. HEIGHT OF BUILDING 70m AND ABOVE

CERTIFICATES:



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University.(SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture.(COA),New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council(NAAC)



DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE
FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail:mail@bnca.ac.in, www.bnca.ac.in



BNCA
ISO 9001:2008 CERTIFIED
MAHARSHI KARVE STREE SHIKSHAN SAMSTHA
DR. BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE
FOR WOMEN
Karve Nagar, Pune-411052
www.bnca.ac.in, Email:mail@bnca.ac.in



CERTIFICATE

OF APPRECIATION IS AWARDED TO

Aditi Dhorde

For successfully completing
"Architects Training Programme 2023"

Dr. Anurag Kashyap
(Principal, BNCA)

Ar. Aniruddha Kolhatkar
(Course Coordinator)



BNCA
ISO 9001:2008 CERTIFIED
MAHARSHI KARVE STREE SHIKSHAN SAMSTHA
DR. BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE
FOR WOMEN
Karve Nagar, Pune-411052
www.bnca.ac.in, Email:mail@bnca.ac.in



CERTIFICATE

OF APPRECIATION IS AWARDED TO

Samruddhi Myna

For successfully completing
"Architects Training Programme 2023"

Dr. Anurag Kashyap
(Principal, BNCA)

Ar. Aniruddha Kolhatkar
(Course Coordinator)

Dr. Anurag Kashyap
(Principal, BNCA)

Dr. Chetan Sahasrabudhe
(IQAC, BNCA)

Ar. Aniruddha Kolhatkar
(Coordinator)

PRINCIPAL
MKSSS's DR. BHANUBEN NANAVATI
College of Architecture For Women
Karvenagar, Pune-411 052.



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University.(SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture.(COA),New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council(NAAC)



DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE
FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail:mail@bnca.ac.in, www.bnca.ac.in

Annexure I– Online Quiz (Sample)

<https://docs.google.com/forms/d/e/1FAIpQLSfnNXq0TMfy61RYp43zWKC3qfaogm5ij720Lil-GCcVwVBy0Q/viewform>

Architects Training Program- Part 1

MCQ test no.1: Answer the questions below

siddhikasjesh@gmail.com [Switch account](#)

Not shared

* Indicates required question

Option 1

Name of student

Your answer _____

College *

Your answer _____

1. Following are property ownership documents 1 point

7/12 extract

Demarcation certificate

Non- Agricultural permission

Property extract card

2. Property card mentions 1 point

Name of owner

City Survey Number

Area of the plot

Plot dimensions

Width of the road

3. Property card is issued by 1 point

City Survey Office

Municipal corporation

Collector

Architect

4. 'H' mentioned on property card stands for 1 point

Height

Health

Holder

Header

5. 'L' motioned on property card stands for 1 point

Lessee

Land

Lake

Late

6. 'E' mentioned on property card stands for 1 point

Earthing

Easement

Entitlement

Earning

Annexure II– Students Attendance



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University.(SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture.(COA),New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council(NAAC)



DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE

FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail:mail@bnca.ac.in, www.bnca.ac.in

Architects Training Program for Profession (Open only for Third, Fourth and Fifth Year B.Arch students)

Faculty Co-Ordinator: Ar. Aniruddha Kolhatkar

Sr. No	Name	Year	Div
Fifth Year B.Arch			
1.	Panchami Gunda	Fifth Year B.Arch	A
2.	Pranita Patil	Fifth Year B.Arch	A
3.	Neha Jadhav	Fifth Year B.Arch	A
4.	Anuja Ningune	Fifth Year B.Arch	A
5.	Aditi Patil	Fifth Year B.Arch	A
6.	Akshata Madrewar	Fifth Year B.Arch	A
7.	Shreya Joshi	Fifth Year B.Arch	A
8.	Mihika Rajurkar	Fifth Year B.Arch	A
9.	Aachal Kukdeja	Fifth Year B.Arch	A
10.	Prachi Wadkar	Fifth Year B.Arch	A
11.	Rutika Patil	Fifth Year B.Arch	A
12.	Surashri Yande	Fifth Year B.Arch	A
13.	Mrunali Phulwade	Fifth Year B.Arch	A
14.	Yukta Pise	Fifth Year B.Arch	A
15.	Anushka Kulkarni	Fifth Year B.Arch	A
16.	Swapnali Wagaskar	Fifth Year B.Arch	A
17.	NIKITA THOLE	Fifth Year B.Arch	A
18.	Manasi Pimpale	Fifth Year B.Arch	A
19.	Priya Hegde	Fifth Year B.Arch	A
20.	Aishwarya Jain	Fifth Year B.Arch	B
21.	Aishwarya gaware	Fifth Year B.Arch	B
22.	Snehal Khemnar	Fifth Year B.Arch	B
23.	Vrushali Pokharkar	Fifth Year B.Arch	B
24.	Disha Prakash Patel	Fifth Year B.Arch	B
25.	Kirti Bansal	Fifth Year B.Arch	B



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University.(SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture.(COA),New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council(NAAC)



DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE

FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail:mail@bnca.ac.in, www.bnca.ac.in

26.	Shweta Bansal	Fifth Year B.Arch	B
27.	Urvashi Vaijwade	Fifth Year B.Arch	B
28.	Sinhika Deshmukh	Fifth Year B.Arch	B
29.	Shruti Dhiwar	Fifth Year B.Arch	B
30.	Sadhana Khade	Fifth Year B.Arch	B
31.	Samiksha Chavan	Fifth Year B.Arch	B
32.	Neha Raut	Fifth Year B.Arch	B
33.	Pranali Galande	Fifth Year B.Arch	B
34.	Trushna Dantale	Fifth Year B.Arch	B
35.	Saee Borkar	Fifth Year B.Arch	B
36.	Sharayu Awale	Fifth Year B.Arch	B
37.	Aishwarya pisal	Fifth Year B.Arch	B
38.	Sayali Rana	Fifth Year B.Arch	B
39.	Nilam Palaskar	Fifth Year B.Arch	B
40.	Aishwarya Repal	Fifth Year B.Arch	B
41.	Akanksha Birla	Fifth Year B.Arch	B
42.	Sakshi Bhandwale	Fifth Year B.Arch	B
43.	Divya Saboo	Fifth Year B.Arch	B
44.	Manasi Phade	Fifth Year B.Arch	B
45.	Sai Nitin Suklikar	Fifth Year B.Arch	B
46.	Pranjal Dayanand Gawade	Fifth Year B.Arch	B
47.	Roshani Kumbharkar	Fifth Year B.Arch	C
48.	Reema Salunke	Fifth Year B.Arch	C
49.	Dimple shah	Fifth Year B.Arch	C
50.	Shreya Thakur	Fifth Year B.Arch	C
51.	Avanti Salvi	Fifth Year B.Arch	C
52.	Samruddhi Sheth	Fifth Year B.Arch	C
53.	Radhika Toshniwal	Fifth Year B.Arch	C
54.	Vaishnavi Bampalwar	Fifth Year B.Arch	C
55.	Swapnesha Chaudhari	Fifth Year B.Arch	C
56.	Vaibhavi Math	Fifth Year B.Arch	C
57.	Samruddhi Tambe	Fifth Year B.Arch	C



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University.(SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture.(COA),New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council(NAAC)



DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE
FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail:mail@bnca.ac.in, www.bnca.ac.in

58.	Shraddha Kalyani	Fifth Year B.Arch	C
59.	Arya Powar	Fifth Year B.Arch	C
60.	Eesha Deshpande	Fifth Year B.Arch	C
61.	Prerana Mulay	Fifth Year B.Arch	C
62.	Samruddhi Myana	Fifth Year B.Arch	C
63.	Neel Bhatia	Fifth Year B.Arch	D
64.	Snehal kinikar	Fifth Year B.Arch	D
65.	Trupti patil	Fifth Year B.Arch	D
66.	Prisha Shinde	Fifth Year B.Arch	D
67.	Shivani Moundekar	Fifth Year B.Arch	D

68.	Aishwarya Zarkar	Fifth Year B.Arch	D
69.	Shweta Amnerkar	Fifth Year B.Arch	D
70.	Divya Dahad	Fifth Year B.Arch	D
71.	Vrunda Popat	Fifth Year B.Arch	D
72.	Vaishali Akella	Fifth Year B.Arch	D
73.	Ruchita Dongare	Fifth Year B.Arch	D
74.	Mahima Mujumdar	Fifth Year B.Arch	D
75.	Isha Joshi	Fifth Year B.Arch	D
76.	Sanika Potti	Fifth Year B.Arch	D
77.	Rakhi Deepak Lunawat	Fifth Year B.Arch	D
78.	Samiksha kothawade	Fifth Year B.Arch	D
79.	Aaditi Varma	Fifth Year B.Arch	D
80.	Aditi Dhorde	Fifth Year B.Arch	D
81.	Bhagyashri Ravindra Alai	Fifth Year B.Arch	D
Fourth Year B.Arch			
82.	Pragati mutha	Fourth Year B.Arch	A
83.	Manasvi Dharmik	Fourth Year B.Arch	A
84.	Jesni George	Fourth Year B.Arch	A
85.	Anushka Nagle	Fourth Year B.Arch	A
86.	Yashanjali Nehere	Fourth Year B.Arch	A
87.	Isha Karmalkar	Fourth Year B.Arch	A



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University.(SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture.(COA),New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council(NAAC)



DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE

FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail:mail@bnca.ac.in, www.bnca.ac.in

88.	Vaishnavi Bhojane	Fourth Year B.Arch	A
89.	Dnyanda Suryawanshi	Fourth Year B.Arch	A
90.	Falguni joshi	Fourth Year B.Arch	A
91.	Tanvi wagh	Fourth Year B.Arch	A
92.	Samiksha Potdukhe	Fourth Year B.Arch	A
93.	Sakshi Sanjay Ghodke	Fourth Year B.Arch	A
94.	Sakshi Yerne	Fourth Year B.Arch	A
95.	Sushmita Chaudhari	Fourth Year B.Arch	A
96.	Saniya Mungale	Fourth Year B.Arch	A
97.	Ruchika Jadhav	Fourth Year B.Arch	A
98.	Devanshi Pandya	Fourth Year B.Arch	A
99.	Safiya Attar	Fourth Year B.Arch	A
100.	Aarya Tilekar	Fourth Year B.Arch	A
101.	Samiksha Bhosale	Fourth Year B.Arch	A
102.	Apurva Kate	Fourth Year B.Arch	A
103.	Sakshi Ranjeet Ghodake	Fourth Year B.Arch	A
104.	Manasi Jadhav	Fourth Year B.Arch	B
105.	shruti Ajabe	Fourth Year B.Arch	B
106.	Shruti Thorat	Fourth Year B.Arch	B
107.	Siddhi sunil shinde	Fourth Year B.Arch	B
108.	Akshata Kamble	Fourth Year B.Arch	B
109.	Isha Gandhi	Fourth Year B.Arch	B
110.	Sharayu Prakash Gulhane	Fourth Year B.Arch	B
111.	Hilor munot	Fourth Year B.Arch	B
112.	Tanishka Kharat	Fourth Year B.Arch	B
113.	Nikita Daptardar	Fourth Year B.Arch	B
114.	Aakanksha Marathe	Fourth Year B.Arch	B
115.	Dnyaneshwari Dhananjay Kamble	Fourth Year B.Arch	B
116.	Anushree Gaikwad	Fourth Year B.Arch	B
117.	Rupali Mahajan	Fourth Year B.Arch	B
118.	Shruti Mittal	Fourth Year B.Arch	B
119.	Janhavee Deosthali	Fourth Year B.Arch	B



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University.(SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture.(COA),New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council(NAAC)



DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE

FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail:mail@bnca.ac.in, www.bnca.ac.in

120.	Kirti Najare	Fourth Year B.Arch	B
121.	Kajal Garhwal	Fourth Year B.Arch	B
122.	Siddhi Shivaji Shinde	Fourth Year B.Arch	B
123.	Rijuta Pulliwar	Fourth Year B.Arch	B
124.	Vibha Thakare	Fourth Year B.Arch	B
125.	Arushi Ponnala	Fourth Year B.Arch	B
126.	Prachi Pawar	Fourth Year B.Arch	B
127.	Rucha Dubey	Fourth Year B.Arch	B
128.	Shivangi Garg	Fourth Year B.Arch	B
129.	Rasika Pansare	Fourth Year B.Arch	B
130.	Riddhi Baphana	Fourth Year B.Arch	B
131.	Tejal Deokar	Fourth Year B.Arch	B
132.	Siddhi Hol	Fourth Year B.Arch	B
133.	Sejal Doshi	Fourth Year B.Arch	B
134.	Sejal Salgaonkar	Fourth Year B.Arch	B
135.	Sakshi Dawkar	Fourth Year B.Arch	C
136.	Anjali Bhangre	Fourth Year B.Arch	C
137.	Jayshree Avhad	Fourth Year B.Arch	C
138.	Nupoor Adwilkar	Fourth Year B.Arch	C
139.	CHINMAYI INGALE	Fourth Year B.Arch	C
140.	KRUTIKA PATIL	Fourth Year B.Arch	C
141.	Pratiksha Rajput	Fourth Year B.Arch	C
142.	Sakshi Govind Kabra	Fourth Year B.Arch	C
143.	Meghna Pasumarti	Fourth Year B.Arch	C
144.	Anushka Pachpute	Fourth Year B.Arch	C
145.	Celeste Thomas	Fourth Year B.Arch	C
146.	Monica Sathe	Fourth Year B.Arch	C
147.	SALONI LATHI	Fourth Year B.Arch	C
148.	Shruti Gore	Fourth Year B.Arch	C
149.	Nikita Gadgil	Fourth Year B.Arch	C
150.	Madhura Bhat	Fourth Year B.Arch	C
151.	Prutha Lomate	Fourth Year B.Arch	C



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University.(SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.

Approved by:

*Council of Architecture.(COA),New Delhi

*All India Council for Technical Education (AICTE)

*National Assessment & Accreditation Council(NAAC)



DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE

FOR WOMEN

Gate No:04, BNCA Campus,

Cummins College Road,

Karve Nagar, Pune 411 052.

Ph: +91 20 25474062 / 25476966

E-mail:mail@bnca.ac.in, www.bnca.ac.in

152.	Pallak Singh	Fourth Year B.Arch	C
153.	Nisha Kulkarni	Fourth Year B.Arch	C
154.	Purva Sanghvi	Fourth Year B.Arch	C
155.	Isha Aghera	Fourth Year B.Arch	C
156.	Urja Shah	Fourth Year B.Arch	C
157.	Anushka Thorat	Fourth Year B.Arch	C
158.	Tonoya Saha	Fourth Year B.Arch	C
159.	Dhruvi Jain	Fourth Year B.Arch	C
160.	Aabha Dhapare	Fourth Year B.Arch	C
161.	Sakshi Munot	Fourth Year B.Arch	C
162.	Tanvi Shah	Fourth Year B.Arch	D
163.	Aditi Yemul	Fourth Year B.Arch	D
164.	Sayali Gaikwad	Fourth Year B.Arch	D
165.	Manjusha Wale	Fourth Year B.Arch	D
166.	Samruddhi Purohit	Fourth Year B.Arch	D
167.	Trupti patil	Fourth Year B.Arch	D
168.	Sumitra mule	Fourth Year B.Arch	D
169.	Bhargavi Badawe	Fourth Year B.Arch	D
170.	AKANKSHA JOSHI	Fourth Year B.Arch	D
171.	Cheluvi Dumbre	Fourth Year B.Arch	D
172.	Ketaki kulkarni	Fourth Year B.Arch	D
173.	Varada Ghalsasi	Fourth Year B.Arch	D
174.	Surabhi Varma	Fourth Year B.Arch	D
175.	Mitali Khedkar	Fourth Year B.Arch	D
176.	Manasi Aglawe	Fourth Year B.Arch	D
177.	Anuja Pawgi	Fourth Year B.Arch	D
178.	Pooja Jaju	Fourth Year B.Arch	D
179.	Shreya Kolte	Fourth Year B.Arch	D
180.	RAJSHRI RATHOD	Fourth Year B.Arch	D
181.	Kshamita Pai	Fourth Year B.Arch	D
182.	Kritika Agrawal	Fourth Year B.Arch	D
183.	Kartiki Degamwar	Fourth Year B.Arch	D



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University.(SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture.(COA),New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council(NAAC)



DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE
FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail:mail@bnca.ac.in, www.bnca.ac.in

184.	Ruchi saoji	Fourth Year B.Arch	D
185.	Sanika Shinde	Fourth Year B.Arch	D
186.	Vaishnavi Wankhede	Fourth Year B.Arch	D
187.	Prachi Shinde	Fourth Year B.Arch	D
188.	Juilee Gunjal	Fourth Year B.Arch	D
189.	Rohini Waghmode	Fourth Year B.Arch	D
Third Year B.Arch			
190.	Vaishnavi Shinde	Third Year B.Arch	B
191.	PRIYA HAWALE	Third Year B.Arch	B
192.	Mrunal Sahaje	Third Year B.Arch	A
193.	Janhavi Ganjiwale	Third Year B.Arch	A
194.	Khushi Gandhi	Third Year B.Arch	A
195.	Saba Shaikh	Third Year B.Arch	A
196.	Sakshi Dnyandeo kokare	Third Year B.Arch	A
197.	Divya Jadhav	Third Year B.Arch	A
198.	Shruti Patil	Third Year B.Arch	A
199.	Swarali Manjarekar	Third Year B.Arch	A
200.	Riya Mane	Third Year B.Arch	A
201.	Ankita Sangtani	Third Year B.Arch	A
202.	MUDITA MAHALE	Third Year B.Arch	A
203.	Hitanshi Chopda	Third Year B.Arch	A
204.	Utkarsha Bhure	Third Year B.Arch	A
205.	Sakshi Sonawane	Third Year B.Arch	A
206.	Swapnali Rajaram Powar	Third Year B.Arch	A
207.	Shreya Kale	Third Year B.Arch	A
208.	Mayuri Dushing	Third Year B.Arch	A
209.	Vaishnavi jadhav	Third Year B.Arch	A
210.	Vaidehi joshi	Third Year B.Arch	A
211.	Navyutha Vinod	Third Year B.Arch	A
212.	Yogita Sanjay Padme	Third Year B.Arch	A
213.	Nashrah Rahim	Third Year B.Arch	A



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University.(SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture.(COA),New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council(NAAC)



DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE

FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail:mail@bnca.ac.in, www.bnca.ac.in

214.	Aditi Rayate	Third Year B.Arch	A
215.	Tejal Barai	Third Year B.Arch	B
216.	Gargi Rajhansa	Third Year B.Arch	B
217.	Hrishita Alekar	Third Year B.Arch	B
218.	Anvesha Mahalle	Third Year B.Arch	B
219.	Shresthi shelke	Third Year B.Arch	B
220.	Komal Kadam	Third Year B.Arch	B
221.	Palak Rathi	Third Year B.Arch	B
222.	Vaidehi Thigale	Third Year B.Arch	B
223.	Isha Bajpai	Third Year B.Arch	B
224.	Rutuja Jadhavrao	Third Year B.Arch	B
225.	Ananya Sakle	Third Year B.Arch	B
226.	Kasturi Narkar	Third Year B.Arch	B
227.	Saachi Rajesh Yadav	Third Year B.Arch	B
228.	Aditi Navale	Third Year B.Arch	B
229.	Prajakta Sakore	Third Year B.Arch	B
230.	Surbhi Sahuji	Third Year B.Arch	B
231.	vedanti kashid	Third Year B.Arch	B
232.	Fizza Shivji	Third Year B.Arch	B
233.	Riddhi Doshi	Third Year B.Arch	B
234.	Vrushali Shete	Third Year B.Arch	B
235.	Sakshi Bajaj	Third Year B.Arch	B
236.	Sanskriti palshikar	Third Year B.Arch	B
237.	Mansi salunkhe	Third Year B.Arch	C
238.	Anandita dive	Third Year B.Arch	C
239.	Vedika Somani	Third Year B.Arch	C
240.	Rama Velankar	Third Year B.Arch	C
241.	Meghana Apte	Third Year B.Arch	C
242.	Namita Pawar	Third Year B.Arch	C
243.	Maithili Bang	Third Year B.Arch	C
244.	Shruti Somvanshi	Third Year B.Arch	C
245.	Nikita bedmutha	Third Year B.Arch	C



MAHARSHI KARVE STREE SHIKSHAN SAMSTHA



Affiliated to Savitribai Phule Pune University.(SPPU)
University Affiliation No.: PU/PN/ARCH/109/1994.
Approved by:
*Council of Architecture.(COA),New Delhi
*All India Council for Technical Education (AICTE)
*National Assessment & Accreditation Council(NAAC)



DR.BHANUBEN NANAVATI
COLLEGE OF ARCHITECTURE

FOR WOMEN

Gate No:04, BNCA Campus,
Cummins College Road,
Karve Nagar, Pune 411 052.
Ph: +91 20 25474062 / 25476966
E-mail:mail@bnca.ac.in, www.bnca.ac.in

246.	Bela Dharmadhikari	Third Year B.Arch	C
247.	Sejal Tote	Third Year B.Arch	C
248.	Megha Mahajan	Third Year B.Arch	C
249.	Sai Bhagyesh Jagtap	Third Year B.Arch	C
250.	Shreya Toraskar	Third Year B.Arch	C
251.	Manasvee Dixit	Third Year B.Arch	C
252.	Aditi Kolhe	Third Year B.Arch	C
253.	Tanaya Takale	Third Year B.Arch	C
254.	Arya Punse	Third Year B.Arch	C
255.	Annette Reuben	Third Year B.Arch	D
256.	Vruddhi Bhosle	Third Year B.Arch	D
257.	Prajakta Gavali	Third Year B.Arch	D
258.	Revati Sangam	Third Year B.Arch	D
259.	Grussha Chadha	Third Year B.Arch	D
260.	Anuja Vidhate	Third Year B.Arch	D
261.	Siddhata Bendre	Third Year B.Arch	D
262.	Shubhada Shivankar	Third Year B.Arch	D
263.	Srushti Shinde	Third Year B.Arch	D
264.	Prajakta Sambhu	Third Year B.Arch	D
265.	Tanuja Raut	Third Year B.Arch	D
266.	Sanika Dahiwal	Third Year B.Arch	D
267.	Esha Bhujbal	Third Year B.Arch	D
268.	Muskaan Joshi	Third Year B.Arch	D
269.	Srushti shetty	Third Year B.Arch	D
270.	Sakshi khaire	Third Year B.Arch	D