

## Best Practices at BNCA | Choice Based Learning

**Event / Activity title:** Choice-Based Learning: Studio Selection AY 23-24 for 2nd, 3rd, and 4th Year Architecture Students

### Introduction:

The choice-based studio system was introduced in the architecture course to empower students with the flexibility to select a design studio aligned with their academic interests and learning goals. Aimed at fostering engagement and ownership, the process encourages students to deliberate on their preferences after an impartial presentation of the studios. This report documents the selection process conducted for the 2nd, 3rd, and 4th-year students, highlighting the methodology, student responses, and students' feedback about the Choice Based System and facts about the last semester' allotment.

### Objective:

- To provide students with comprehensive and unbiased information about available studio options.
- To facilitate informed decision-making by presenting each studio's themes and objectives.
- To gather student feedback on the clarity of presentations and the decision-making process.
- To evaluate the influence of anonymizing faculty teams on students' studio preferences.
- To ensure maximum students get their first choice of studio preferences.

### Methodology:

The studio selection process was initiated with a presentation session conducted by the academic coordinator Dr. Sharvey Dhongade and IQAC Head Dr. Chetan Sahasrabudhe in the auditorium. Four studio options for each year were introduced to the students, with each studio assigned a unique colour code to maintain anonymity of the faculty teams. The presentations highlighted the design focus, tentative session outline, deliverables, and expected outcomes of each studio without revealing the names of facilitators, ensuring that students made choices based solely on the content and objectives of the studios. Following the presentations, students were provided a Google Form to record their preferences and feedback. The form gathered detailed information, including personal and academic details such as their names, year of study, division and other academic details such as physical attendance during the studio presentations and last semesters' design marks were collected from the respective year coordinator. It also captured their preferences in order of priority (Options 1, 2, and 3) along with their reasons for selecting a particular studio, anticipated learning goals, and the skills they hoped to acquire. Additional questions explored whether the lack of faculty names influenced their decision-making and encouraged reflection on their experiences with studio choices in the previous semester. The studio allotment process was designed to be both merit-based. Design marks from the previous semester, obtained from the exam department, were used as the primary criteria for allotment. Student responses were sorted in ascending order of their design marks, and those with higher marks were prioritized to receive their first-choice studio. This approach ensured that students were rewarded for their academic performance while maintaining an roughly same distribution across all four studios, with each accommodating 40 to 45 students. Finally, data collected from the forms was analyzed both quantitatively and qualitatively. Quantitative data provided insights into trends in student preferences and allotment outcomes, while qualitative responses offered deeper understanding of student motivations and areas for improvement in the process.

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### Outcome:

The choice-based studio selection process successfully facilitated informed decision-making among students. Anonymizing the faculty teams ensured unbiased preferences, as most students focused on the thematic aspects of the studios rather than individual facilitators.

### Key findings include:

- A majority of students reported the presentations were clear and adequate for making decisions.
- Students cited personal interests, relevance to career goals, and skill development opportunities as primary reasons for their choices.
- Not knowing faculty teams had minimal impact on decision-making for many, though some felt familiarity with faculty could have provided additional clarity.
- Students who received their first-choice studio in the previous semester were more likely to affirm that they had made the right choice.

### Way Forward for the next year:

To enhance the choice-based studio selection process, several measures can be implemented. First, future presentations could include examples of potential assignments or earlier year sample work, providing students with a clearer understanding of the studio scope and expected deliverables. Additionally, feedback from previous semesters can be integrated to refine the process and improve the content of studio offerings. Expanding the range of studio themes to cater to diverse student interests and career aspirations would further enhance the system's inclusivity. By adopting these measures, the choice-based studio selection process can continue to align with student needs, foster active participation, and support a meaningful learning experience.

### Summary of the Choice Based Studio Allotment across all years:

Row Labels	First Choice	Second Choice	No Choice	Backlog	Grand Total
Second	124	16			140
Third	106	26	22	14	168
Fourth	161	10			171
<b>Grand Total</b>	<b>391</b>	<b>52</b>	<b>22</b>	<b>14</b>	<b>479</b>
<b>Percentage</b>	<b>82%</b>	<b>11%</b>	<b>8%</b>		

### Were the studio presentations clear and adequate for you to make your decision?

Row Labels	No	Yes	Grand Total
Second	2	138	140
Third	12	156	168

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Fourth	7	164	171
Grand Total	21	458	479
Percentage	4%	96%	

### Do you think you made the correct choice of studio the last semester?

**Note: This question was not asked to second year students, as this was the first time they were appearing for the choice based learning.**

Row Labels	No	Yes	Grand Total
Third	17	151	168
Fourth	25	146	171
Grand Total	42	297	339
Percentage	12%	88%	

Year of Study	Total Responses	Impact of Anonymity	First/Second Choice Last Semester	Correct Choice Last Semester
Second Year	140	{'No': 25, 'Yes': 2, 'I don't think so': 1}	{}	{}
Third Year	168	{'No': 66, 'Yes': 7, 'No it didn't': 2}	{'Yes': 142, 'No': 26}	{'Yes': 151, 'No': 17}
Fourth Year	171	{'No': 46, 'Yes': 8, 'No ': 5, 'Yes ': 2}	{'Yes': 124, 'No': 47}	{'Yes': 146, 'No': 25}

# MKSSS's Dr. Bhanuben Nanavati College of Architecture for Women, Pune Choice Based Studio system being presented to students:



Review of the presentations with the Design Team conducted by the Academic Ao-ordinator and Vice Principal at BNCA



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## Sample of Studio Selection Form

SECOND YEAR ARCHITECTURAL DESIGN III STUDIO, BNCA

### SECOND YEAR ARCHITECTURAL DESIGN III STUDIO, BNCA

Dear Second year students,

You all are aware of the choice based AD studio system we follow in BNCA. You have to give your choices in the order of your preferences. You may refer to the presentations on the LMS. Please note that the studios are not ordered as ABCD, the order is shuffled. The studios are as follows:

**CYAN STUDIO:** Portuguese Settlement in Goa  
**GREY STUDIO:** Expressions in Sandstone  
**ORANGE STUDIO:** Temple Town of Pushkar  
**BLACK STUDIO:** Interpreting Baker

\* Indicates required question

1. First Name \*

\_\_\_\_\_

2. Surname \*

\_\_\_\_\_

3. Your Current division \*

Mark only one oval.

- 2 A  
 2 B  
 2 C  
 2 D

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1/6

SECOND YEAR ARCHITECTURAL DESIGN III STUDIO, BNCA

4. Choice of Studio OPTION -1 \*

Mark only one oval.

- CYAN STUDIO: Portuguese Settlement in Goa  
 GREY STUDIO: Expressions in Sandstone  
 ORANGE STUDIO: Temple Town of Pushkar  
 BLACK STUDIO: Interpreting Baker

5. Choice of Studio OPTION -2 \*

Mark only one oval.

- CYAN STUDIO: Portuguese Settlement in Goa  
 GREY STUDIO: Expressions in Sandstone  
 ORANGE STUDIO: Temple Town of Pushkar  
 BLACK STUDIO: Interpreting Baker

6. Choice of Studio OPTION -3 \*

Mark only one oval.

- CYAN STUDIO: Portuguese Settlement in Goa  
 GREY STUDIO: Expressions in Sandstone  
 ORANGE STUDIO: Temple Town of Pushkar  
 BLACK STUDIO: Interpreting Baker

7. Were the studio presentations clear and adequate for you to make your decision? \*

Mark only one oval.

- Yes  
 No

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2/6

SECOND YEAR ARCHITECTURAL DESIGN III STUDIO, BNCA

8. REASON FOR SELECTING THE STUDIO \*

Check all that apply.

- My friends have chosen the same studio  
 The studio theme is interesting  
 The project is interesting  
 The studio is offering something new to learn  
 The studio aligns with my learning goals  
 Other: \_\_\_\_\_

9. Briefly state your learning goals \*

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

10. What skills do you think you will acquire at the end of the studio? \*

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

11. Did not knowing the faculty teams associated with the studio affect your choice? \*  
How?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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3/6

SECOND YEAR ARCHITECTURAL DESIGN III STUDIO, BNCA

12. Did you get the First/Second Choice of Studio last semester? \*

Mark only one oval.

- Yes  
 No

13. Which Studio were you a part of last semester? \*

Mark only one oval.

- Studio A  
 Studio B  
 Studio C  
 Studio D

14. Do you think you made the correct choice of studio the last semester? \*

Mark only one oval.

- Yes  
 No

15. Give reason for your answer to the above question \*

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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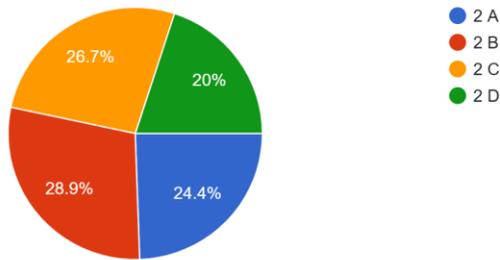
<https://docs.google.com/forms/d/1wueJiqvM78NC9dmsV8sZ8KDX88ID9GCe0tnpZqLXU/edit>

4/6

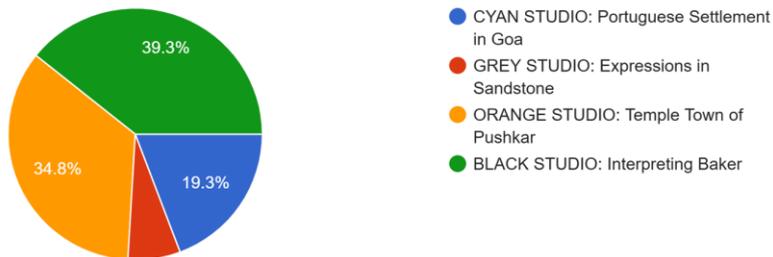
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## Responses Received from Students:

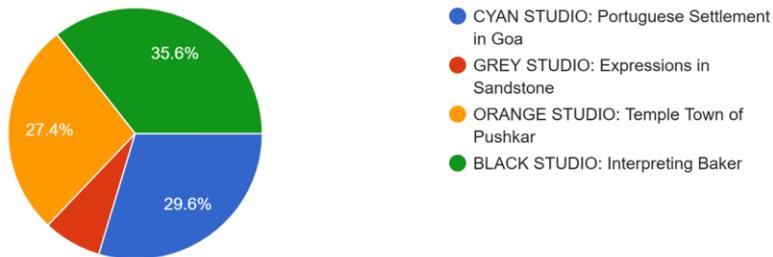
Your Current division  
135 responses



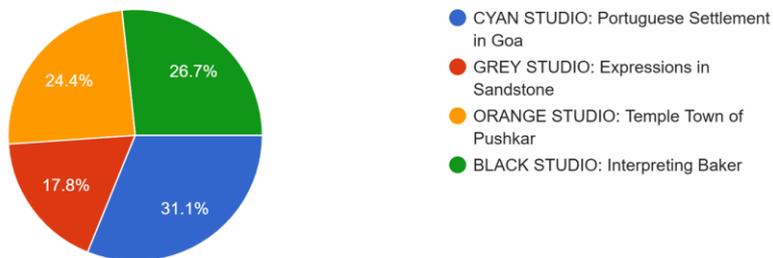
Choice of Studio OPTION -1  
135 responses



Choice of Studio OPTION -2  
135 responses



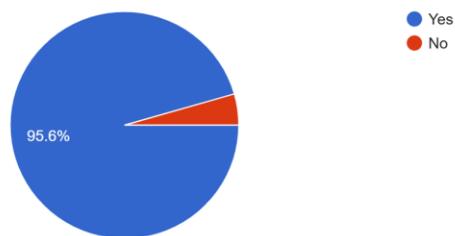
Choice of Studio OPTION -3  
135 responses



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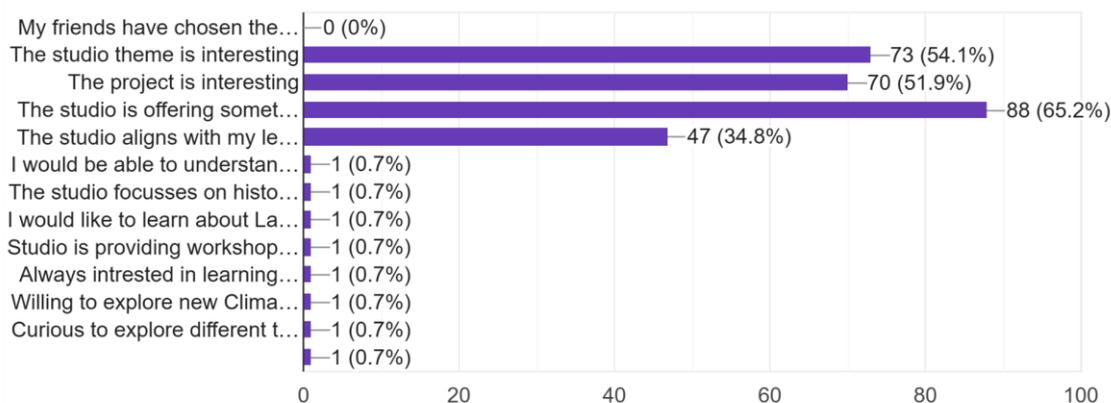
Were the studio presentations clear and adequate for you to make your decision?

135 responses



## REASON FOR SELECTING THE STUDIO

135 responses



## What skills do you think you will acquire at the end of the studio?

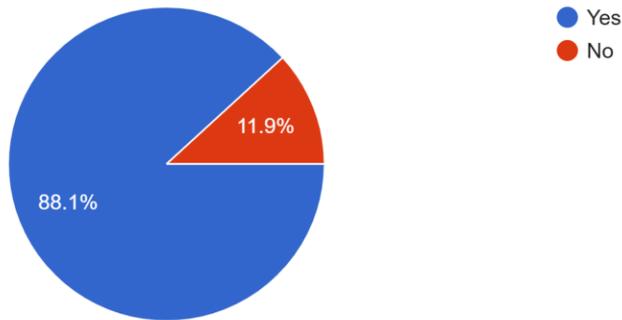
135 responses

- .
- Design development
- School design
- Designing on contours is something i want to learn at the end of the studio
- New concepts related to anthropometry, climate , architecture style of the Portugese
- Able to understand the campus functionality
- Studio black is focused upon interpreting Laurie Baker, at the end of the studio we'll learn techniques of Laurie Baker and will apply it in the design.
- Never learnt about baker's structures so it will be interesting to learn in this semester
- To design a campus

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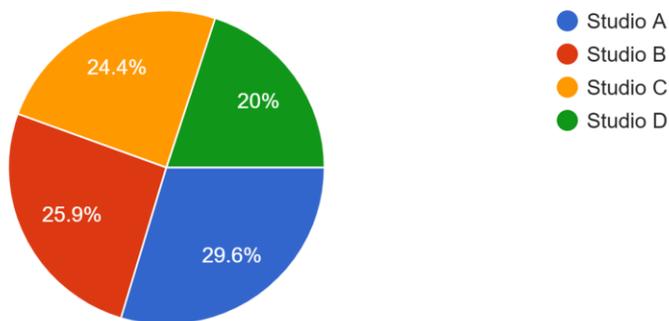
Did you get the First/Second Choice of Studio last semester?

135 responses



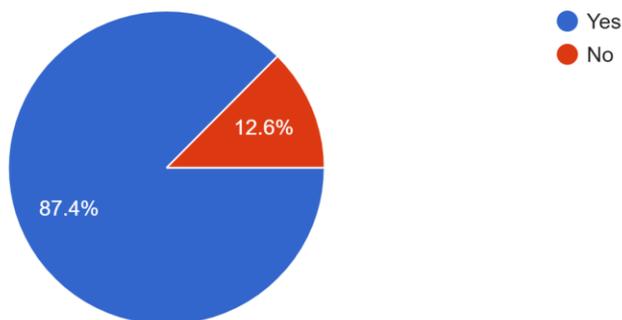
Which Studio were you a part of last semester?

135 responses



Do you think you made the correct choice of studio the last semester?

135 responses



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## Sample of the Studio Allotment:

Studio A		
Black Studio		
S.N.	Full Name	Division
1	Aadishree Dhule	C
2	Aarya Gundawar	
3	Aboli Patil	C
4	Amruta Desale	C
5	Anushka Sable	C
6	Deepika Varma	C
7	Haritha Raghavendran	A
8	Harshita Lawande	C
9	Jhanvi Patil	D
10	Kritika Badgujar	B
11	Neha Kharat	C
12	Nishigandha Salunke	C
13	Purva Ranade	D
14	Ruchi Gugle	C
15	Rutuja Deshpande	C
16	Sakshi Parkhad	B
17	Samiksha Sorvane	
18	Shivani Rathi	C
19	Shraddha Meru	A
20	Shravane Gaikwad	
21	Shreya Hingmire	D
22	Shruti Anandkar	B
23	Shruti Dalwale	D
24	Siddhi Niphade	C
25	Sneha Doshi	B
26	Snehal Ozarkar	A
27	Soha Bhalerao	B
28	Srishti Singh chauhan	A
29	Srushti Gundu	C
30	Tanishka Hatankar	D
31	Tanushree Shinde	C
32	Vaidehi Mancharkar	A
33	Vaishnavi Khopade	B
34	Vaishnavi Mundhada	B
35	Vaishnavi Patil	C
36	Sharvari Pathak	A
37	Neeraja Gokhale	A
38	Samayara Zodpey	A

Studio B		
Cyan Studio		
S.N.	Full Name	Division
1	Aashi Jain	C
2	Abha Naik	A
3	Anuja Yadnik	A
4	Devakee Bankhele	C
5	Diksha Tade	D
6	Disha Pingale	B
7	Dnyaneshwari Gawade	D
8	Janhavi Jadhav	A
9	Kusum Borundiya	B
10	Labdhi Changediya	B
11	Manasi Kabadge	B
12	Mrunali Bhiungade	C
13	Neha Nimbalkar	A
14	Nidhi Bhandari	D
15	Priti Nighote	B
16	Radhika Gaikwad	A
17	Rutika Dugad	B
18	Saloni Ramugade	C
19	Samruddhi Salunkhe	C
20	Sawali Choudhar	B
21	Shravani Haware	C
22	Shreya Wadhai	C
23	Srushti Bagad	C
24	Soumya Alekar	C
25	Srushti Raskar	A
26	Taniya Patwardhan	C
27	Tanushka Sonawane	B
28	Tanvi Mule	A
29	Jui Vaidya	C
30	Nikita Taralkar	D

Studio C		
Grey Studio		
S.N.	Full Name	Division
1	Aakanksha Godse	B
2	Anushka Deglookar	A
3	Anushri Shete	C
4	Anviti Gandhi	A
5	Arya Shinde	B
6	Bhakti Deo	B
7	Diya Gugale	B
8	Gayatri Chakote	B
9	Henna Bhandari	B
10	Ira Bhale	B
11	Janhvi Partikar	B
12	Kanchan Gaonkar	B
13	Muskan Agrawal	B
14	Natasha Darvatkar	B
15	Palak Bafna	B
16	Palak Chhparwal	B
17	Prachiti Kashid	B
18	Pratiksha Gajbhiye	D
19	Rucha Walimbe	A
20	Samruddhi Sudrik	D
21	Sanjana Khade	B
22	Sayat Doshiiii	B
23	Sayalee Gupte	A
24	Sharvari Patil	A
25	Shravani Saraf	B
26	Shreya Dhawale	D
27	Srushti More	A
28	Suhani Rath	A
29	Tanvi Bhonge	C
30	Vedanti Yewale	C
31	Vedika Surve	B
32	Vidhi Patil	D

Studio D		
Orange Studio		
S.N.	Full Name	Division
1	Sharvari Deshpande	D
2	Vaishnavi Deokate	A
3	Riya Adsut	D
4	Shravani Ukarande	A
5	Saakshi Patel	C
6	Girija Sane	A
7	Vedashree Gaikwad	C
8	Mohini Mandke	C
9	Diya Janddar	D
10	Shravani Padalkar	D
11	Riya Kadbhane	A
12	Devki Mandhane	B
13	Shristi Shetty	D
14	Diya Poptani	D
15	Shreya Wasnik	C
16	Mayuri Gayake	A
17	Hemalee Nage	D
18	Samruddhi Nalawade	D
19	Bhagyashree Kawale	A
20	Prachiti Rajput	A
21	Aastha Paliwal	D
22	Esha Jagade	B
23	Aditi Mohanani	D
24	Vaishnavi Shinde	B
25	Samruddhi Bidkar	C
26	Madhura Phadnis	B
27	Swarali Kaluskar	A
28	Tanisha Bhosale-Patil	A
29	Shrishti Agrawal	C
30	Khushi Patil	D
31	Sanvi Jituri	C
32	Saloni Gurav	A
33	Shravani Patil	D
34	Dakshayani Patrawale	D
35	Siddhi Dongargaonkar	A
36	Sharvari Konde	D
37	Janhavi Dudhane	B
38	Neha Chiplunkar	B
39	Riya Tambade	D
40	Krutika Raut	A

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## Sample of the Presentations:

### S.Y. B. Arch AD Studio Presentations

Choice Based Design Studio | Architectural Design III



**Syllabus**

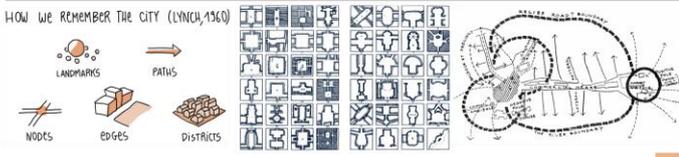
Architectural Design III		
Course Code	2201926 [SV]	
TeachingScheme	ExaminationScheme	
TotalContact Hoursperweek (lectures=1 Studio=6, Total = 7)	Sessional [CIA 100 + EA 100]	200
	Viva [Int 25 + Ext 25]	50
	In semester exam	NIL
	End Semester exam	NIL
	TotalMarks	250
	Total Credits	10

**Crafts & Rural Development Centre, Pushkar Fair Ground, Pushkar**

**Studio Orange** The studio shall focus on:

CO1	CO2	CO3	CO4	CO5	CO6	CO7
Precedent Studies: Documenting & analyzing Precedent Studies for Campuses	Study of Different Socio-Cultural settings, to document & analyze Lakeside Settlements – Their Evolution, Planning & Response to the water edge	Study & analysis of Town of Pushkar - Using Lynch Theory, Serial Vision, pattern language through Worksheets	Integration of contemporary forms, suitable materials in design in the Fair Grounds at Pushkar in response to the context Studied	Designing on contour Sites, with understanding of campus planning principles	Learning tools for making Design Decisions based on study of Context, Climate, Culture	Representing design Ideas through architectural Drawings Follow - Plans, Elevations, Sections, Views

HOW WE REMEMBER THE CITY (LYNCH, 1960)



4

**SESSIONS AND COURSE OBJECTIVES**

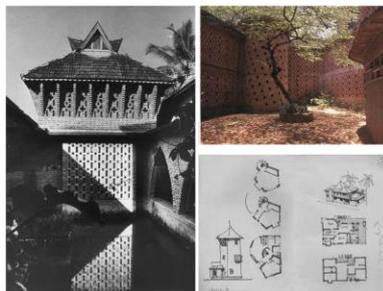
<b>CO1</b>	Understanding context with respect to User, Location, climatic data, demographics. Analyzing context with respect to History of Settlement, Local materials and their application in Structure.
<b>CO2</b>	To understand principles of campus design through study of various types of campus (Ex. Institutional, Cultural etc.) To identify functional and recreational spaces for the project.
<b>CO3</b>	To choose and apply structural systems of building as a composite of Roofing, Spanning, Opening and Support Systems using local materials (Sandstone)
<b>CO4</b>	Apply strategies for climate responsive Strategies (Fenestration, Wall and roof assemblies, Weather shades/Shading Devices, Natural Ventilation strategies) for Composite Climate.
<b>CO5</b>	To understand the impact of local materials (Sandstone) on Structure cooling and Heat gain through Life cycle assessment and Embodied Energy Calculation.
<b>CO6</b>	Evaluation and incorporation of Expression, Proportion, geometry, Climate Strategies, Structure Aesthetically embodied into the building and campus design.

4

**Studio Black**

**Assessment Criteria:**

- Assessment would be based on conceptual clarity, critical thinking and self-reflection on design choices.
- Following parameters would be important markers throughout the studio:
- Project reflecting Baker's design principles and introduction of new ideas respecting his philosophy
- Spatial organization/ patterns responding to the philosophy and functions
- Response of the design to the local context and climate
- Integration of architectural quality and structural clarity in design
- Communication of design ideas through drawings, models, sketches etc.



4

**STUDIO CYAN**

**Project Details**

**YOUTH CENTRE, PANJIM, GOA**

**Design Brief :**  
YWCA is a community-based youth organization. Offering a wide range of programs and services to promote healthy living, community development, and personal growth.

**YMCA and YCWA, Goa intends to build a recreation centre and hostel for youth at Panjim, Goa.**

**Objectives:** address requirements of youth-based activities like basic indoor and outdoor sports and a recreation hall with separate hostel facility for men and women.

**Site Location :** abutting Kala Academy

**Site Area:** about 3000 sq. mt.  
**Built Up Area –** 1000 sq. mt.



No	Proposed Spaces
1	Information Center
2	Administration Block
3	Residential Facility
4	Reading area
5	Cafeteria
6	Restaurants
7	Multipurpose Hall for seminars & workshops
8	Library
9	General Class room
10	Multipurpose Hall Sports - gymnastics, badminton, net cricket, archery
11	Amphitheatre
12	Open public spaces and plaza
13	Cycling Track
14	Parking

**Assessment Criteria**

- CO1 -** Documenting of settlement study and case studies and presenting analysis within given framework
- CO2 -** Using theoretical framework, case studies and study of settlement presenting understanding of organizational patterns, architectural character, climatic strategies used for block arrangement, facade and roof.
- CO3 -** Campus planning strategies – Unit adjacency and climate
- CO4 -** Defining and developing architectural character for the campus units
- CO5 -** Defining and developing spatial character for socio-culture aspects.
- CO6 -** Designing of open spaces with understanding of built and un-built space association
- CO7 -** Completion of project with all basic necessary drawings and 3D graphics