Sadatpur Road, LoniKd., Tal.: Rahata, Dist.: Ahmednagar 413 736, (M.S.) Ph:(02422)274295 Email: <a href="mailto:principalprca@yahoo.co.in">principalprca@yahoo.co.in</a>Web:<a href="mailto:www.pravaracoaloni.in">www.pravaracoaloni.in</a>
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### Criteria 2 – Teaching Learning and Evaluation (350)

#### 2.3 Teaching Learning Process (40)

2.3.1. Student centric methods, such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences using ICT tools

Sr.No	Content	
1	Student Centric Methods	
2	Use of ICT tools in teaching learning method	



PRINCIPAL
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Architecture, Loni



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#### 1.Student Centric Methods

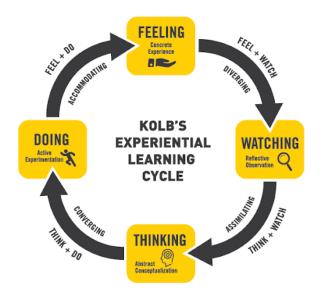
Sr.No	Student Centric methods	No. Of Activities
1	Experiential Learning Method	33
2	Participative Learning Method	23
3	Problem solving method	19



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#### **Student Centric Teaching Learning Methods**

Teaching Method	Experiential Learning
Aim	To promote Experiential learning culture amongst the students for their holistic development
Objectives	i. To give hands on approach to learning
	ii. To give opportunities for creativity
	iii. To develop ability for the process of continuous learning individually
	iv. To develop analytical Skill
	v. To find out the multiple solution / option for one problem
	vi. To gain the knowledge through experience









#### **Student Centric Teaching Learning Methods**



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2 Measurement drawing at Palashi. Photo(s) Students are measuring and drafting in Rukmini mandir. Students are measuring and drafting in Rukmini mandir. Group photo with students and faculty menmers in front of mandir. Intensive carving on Rukmini Mandir. Applied For Experiential learning in which students experiencing the planning of old mandir by measuring it and drafting it in First Year Students.

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## 3 Case Study for Architectural Design problem, Paithani tourism center, Yeola Sales division Students are taking measurements of floor plans on site Photo(s) Students are observing exhibition hall Student are taking measurement of Auditorium **Applied For** Experiential learning in which studens are experiencing the space, which they required to design the Paithni house in First Year Students



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4	Settlement Study for Arch	itectural Design problem, Goa
	Students and Faculties group photos at Nisha school	Ar. Gerard Da Cunha, teachers and students group photo on amphitheater of the school
Photo(s)	Students are exploring school buildings	Students exploring and discussing about the architectural features.
Applied For	In expriential learning students are experiencing the areas in school ,required	for childrens in Second Year Students.
	1 3 1 2 1 2 1	A LEGE

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Settlement Study for Architectural Design problem, Puntamba



Students locating existing buildings on a map



Students measuring sizes of various architectural elements of Traditional 'WADA' houses

Photo(s)



Students sketching architectural features of traditional buildings



Students compiling and finishing graphical documentation work at end of the day

**Applied For** 

In Experiential Learning students experiencing the historical features of Puntamba village which is situated on the bank of Godavari in Second Year Students.



6 Site Visit at Parksyde Homes, Nashik, Maharashtra Photo(s) A-28, Dattatray Nagar, Hanuman Nagar, Nashik, Maharashtra 422003, India Lat 20.015716° Long 73.832204° 03/08/22 05:23 PM Google Students, staff and campus officials in front of Students are exploring Parksyde Homes, Nashik, Maharashtra **Applied For** Experiencial lerning in which students are experiencing the Housing campus in Fourth Year Students .



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**Applied For** 

LONI

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## Case Study for Architectural Design problem ,Ashoka Astoria, Nashik 2PJ6+C3Q, Gangapur, Govardhan, Maharashtra 422003, India Lat 20.031164° Long 73.710156° 03/08/22 01:20 PM Ar. Jay k. guiding students about services in housing Group photo of PRCA students with their subject teachers and site manager Photo(s) Ar Tejashree Thangaokar gives brief introduction about case study's Ar. Tushar Parise guiding students on the Rainwater harvesting network purpose and requirements

Experiencial lerning in which students are experiencing the Housing campus in Fourth Year Students .

# 8 Ganapati Decoration Students preparing artefacts for Decoration



Students assembling the artefacts for the decoration



Decoration for the Ganapati festival done by students (Theme: Vernacular Architecture)

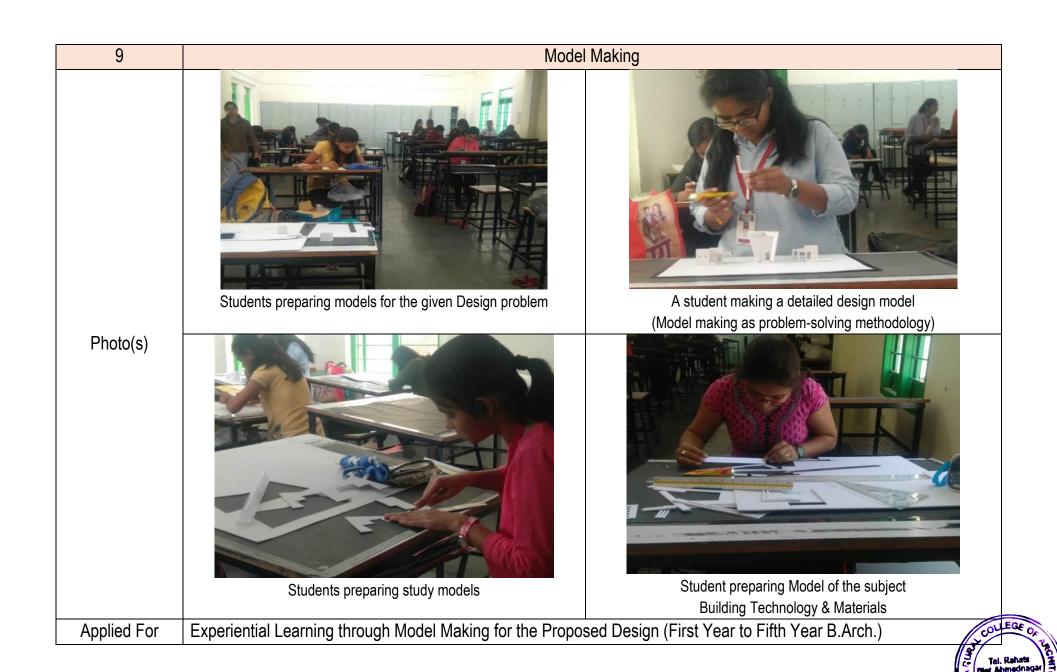


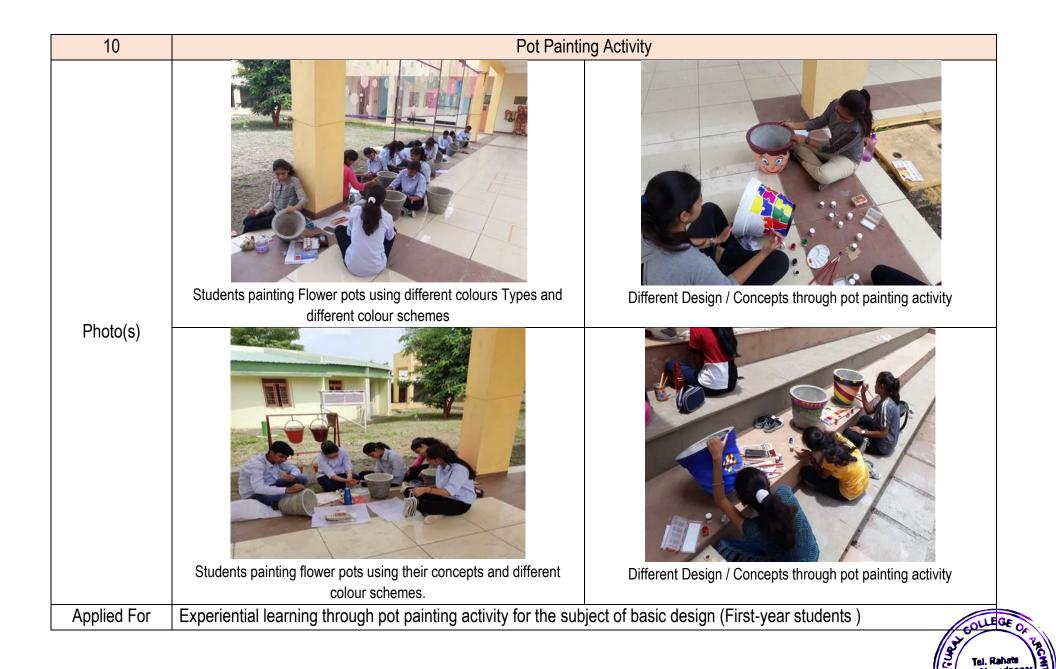
First-Year team for Ganapati Decoration (Theme : Architecture Drafting Instruments)

Applied For

Experiential Learning through Ganapati Festival decoration activity (First-Year Students)





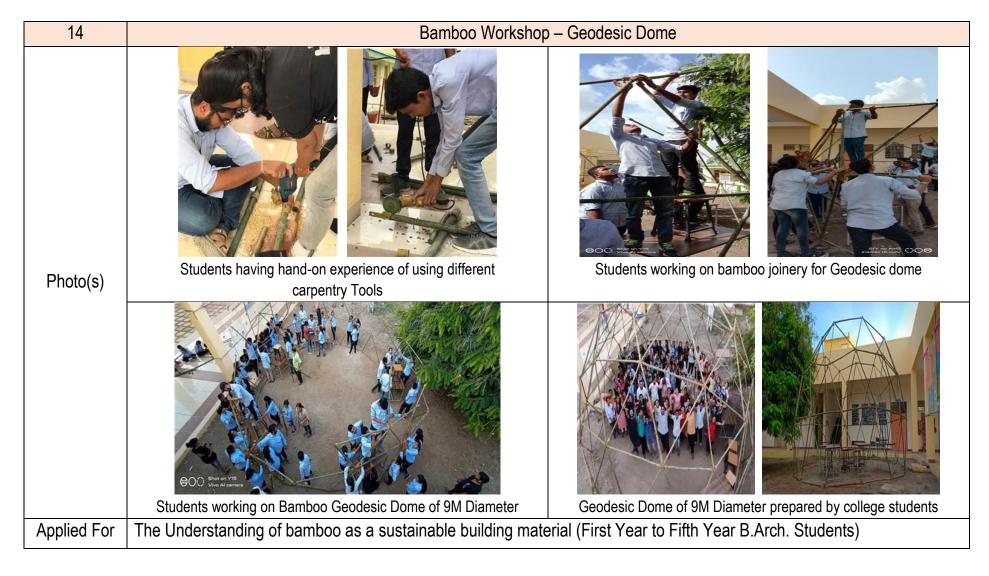




## 12 Carpentry Workshop and Material Museum Students doing the Pottery Student using Cutter machine Students studying Wooden joinery types and physically experiencing Work on the pottery wheel at Carpentry workshop types of wooden derivatives at Material Museum and carpentry lab Photo(s) Students working in Carpentry & Model Making Workshop Students physically experiencing different building materials at material Museum Lab Applied For Workshop & model making purpose, and to provide a physical experience of a wide range of building materials to all students

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## 13 Bamboo Workshop – Bamboo Furniture Students studying bamboo as a building material Students using various carpentry tools to make furniture using bamboo. (Left). Bamboo Furniture prepared by students. (Right) Photo(s) Students having hand-on experience of using different Different types of bamboo furniture designed and prepared by the college students (Shelf, Chair, Centre table, Book Shelf, Flower Pot carpentry tools without discrimination Stand, etc.) The Understanding of bamboo as a sustainable building material (First Year to Fifth Year B.Arch. Students) Applied For





15	Garden Development on Open Space	e at Rahata City, District: Ahmednagar
Photos	Cleaning of the open space and material stacking at site	Students preparing mortar to construct masonry wall at the garden site
	Students painting compound walls of the garden	Students using recycled materials to prepare garden furniture
Applied For	Experiential learning of Architectural Design, Landscape Archi	
	Materials (First Year B.Arch to Final Year B.Arch.)	j



16	Garden Development on Open Space	ce at Rahata City, District: Ahmednagar
	People from all age group enjoying the developed garden	Children's enjoying different activities in the garden
Photos	Pathways prepped from the recycled material (Waste tiles)	Interactive spaces designed by students for Children's considering the human anthropometrical data
Applied For	Experiential learning of Architectural Design, Landscape Architectural	
7.46.104.101	Materials (First Year B.Arch to Final Year B.Arch.)	omicotale, famaling colonies and famaling constitution a







## 18 Workshops & Seminars Experiential Activities during the workshop on Model Making Experiential Activities during the workshop on Portrait Sketching **Photos** Experiential Activities during the workshop on Water Coloring **Experiential Activities Portrait Sketching** Techniques Applied For Experiential Learning through the various workshop for the First year to Fifth year Students

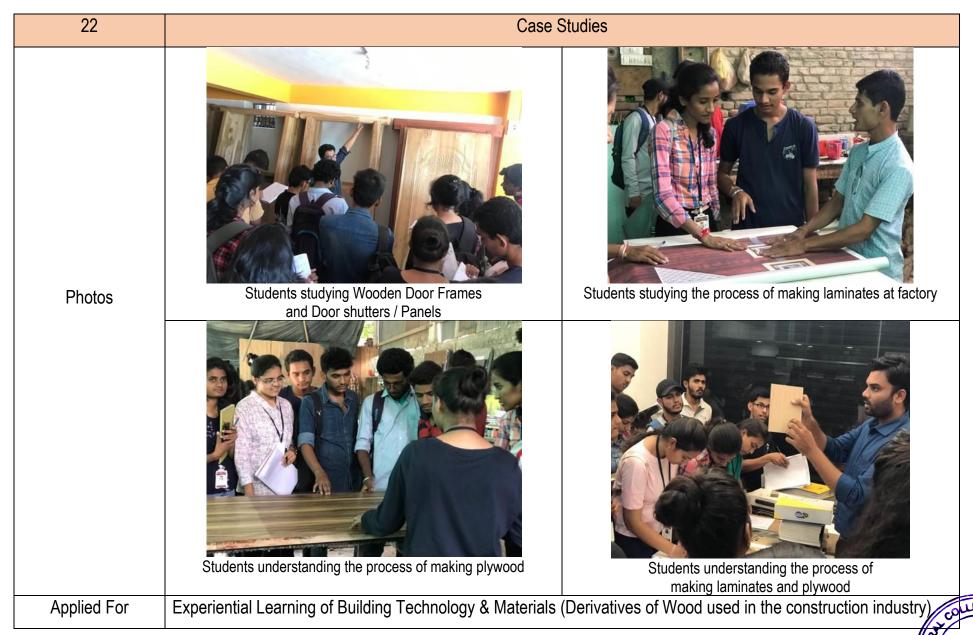


19	Extension Act	ivity: Street Plays
Photos	Students performing Street Play at Bus Stand, Loni Bk. (Topic: Apala Bharat)	Students performing Street Play at Vetal Baba Chowk, Loni Kd. (Topic: Apala Bharat)
	Students performing Street Play at PMT Gate Loni Bk.  (Topic: Gender Equality)	Students performing Street Play at Padmashri Statue, Loni Bk.  (Topic: Women Empowerment)
	( )	1 7

20	Case	Studies
	Case Study of Architectural Design at Goa	Case Study Architectural Design & Building Services at Ozar Airport
Photos	Case Study of Landscape Architecture at Nursery, Srirampur	Group photo of students and teachers at Ozar Airport
Applied For	Experiential Learning of various courses/ subjects through (	Dase Studies







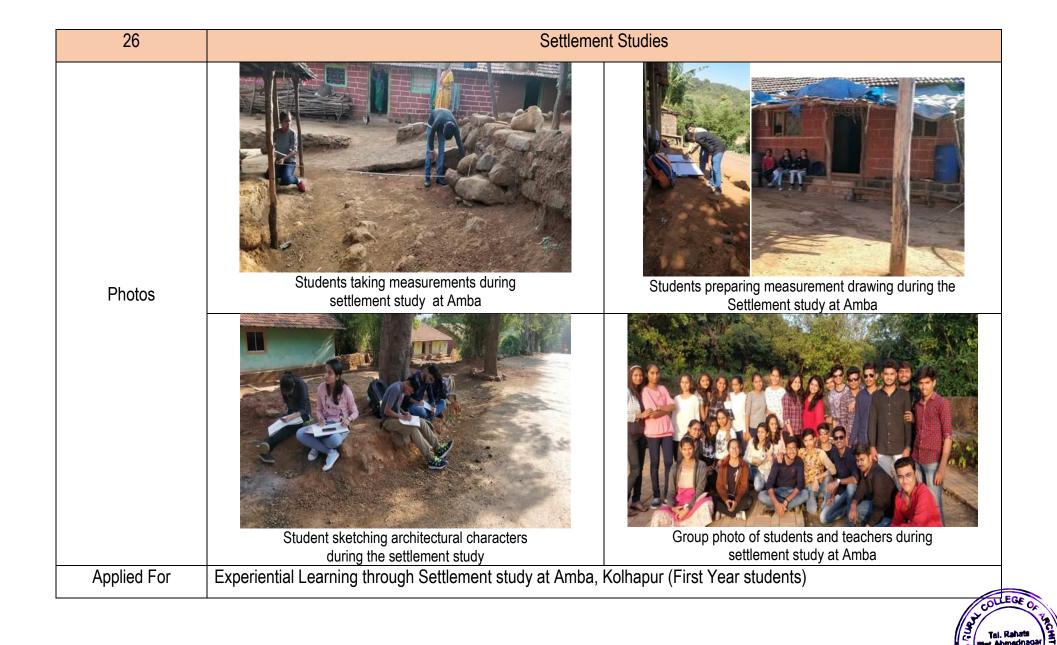
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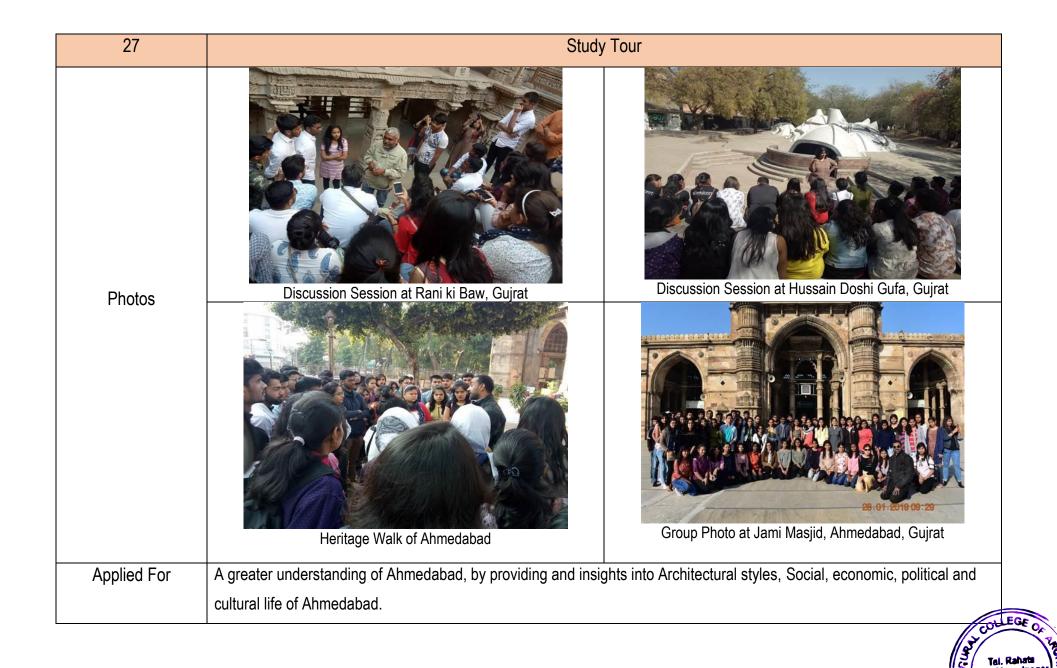


Photos	Group photo of students and teachers during Settlement study at Verul, Maharashtra	Students taking Measurements during Settlement Study at Verul, Maharashtra
		0 0 0 0 0 0 0
	Student preparing measurement drawing during the Settlement study at Verul, Maharashtra	Group photo of students and teachers during Settlement study at Verul, Maharashtra
Applied For Expe	riential Learning through Settlement study at Verul, I	-

25	Settleme	nt Studies
		Charles and Allian and
	Students filling occupational, Building Typology, Building Age, Land use surveys during settlement study at Junnar	Students filling occupational, Building Typology, Building Age, Land use surveys during settlement study at Junnar
Photos	Students sketching architectural characters during settlement study at Junnar	Students taking measurements of architectural elements during settlement study at Junnar
Applied For	Experiential Learning through Settlement study at Junnar	Pune (Second Year students)

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28	Strength Testing at	Material Testing Lab
	Material Tray	Universal Testing Machine (UTM)
Photos	Concrete cube test using UTM	Shear Stress Checking Of Reinforcement Bar
Applied For	Strength tests of building materials (Concrete, Reinforce	

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29	Climatological Normals	
	Students recording Daily bright sunshine hours using Stock's Sunshine Recorder	Students measuring Daily rainfall using ordinary rain gauge installed in the college campus
Photos	Students using whirling psychomotor and hygrometer to record Morning & Evening humidity levels	Students Measuring Daily Average Wind Speed Using Cup-Counter Anemometer Installed In College Campus
Applied For	The record Keeping of climatological Normals (First to Fourth Year Students)	





31	Role – Play & Live Design for Diff	erently-abled People (Universal Design)
	Role Play: (Blind) Vision Disability	Role Play: (Blind) Vision Disability
Photos		Pala Play: (Handiagn) Physical Disability
	Role Play: (Handicap) Physical Disability	Role Play : (Handicap) Physical Disability
Applied For	'Universal Design' Under Elective and Architectural Des	sign Subjects (First Year To Final Year Students)



32	Role – Play & Live Design for Differently-abled People (Universal Design)		
	Students Designing & Marking Living Room (Universal Design)	Students Designing & Marking Bed Room (Universal Design)	
Photos	Students Designing & Marking Living Room	Students Designing & Marking Toilet	
	(Universal Design)	(Universal Design)	
Applied For	'Universal Design' Under Elective and Architectural Design Subjects (First Year To Final Year Students)		



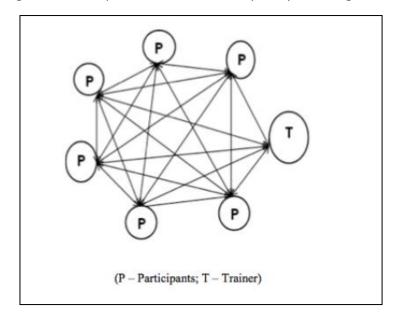
33	Role Play: Tribes (History of Architecture)		
Photos	Students performing role-play of Toda Tribes	Students performing role-play of Warli Tribes	
	Audience and Performer for the role-play of Tribes	Students performing role-play of Bhunga Tribes	
Applied For	History of architecture assignment related to the study of Art, Culture and Associated architectural characters of various tribes in India through role-playing (First-Year Students)		



#### **Student Centric Teaching Learning Methods**

Teaching Method	Participative Learning	
Aim	To promote Participative Learning culture amongst the students for their holistic development.	
Objectives	i. To develop interest in advance as well as slow learners and their ability to learn, change and grow through group activities	
	ii. To develop capacity to understand, act and transcend limitations of advance as well as slow learners.	
	iii. To develop presentation skills, communication skill, Co- Operative Learning, Observation and analysis skills.	

#### Diagrammatic Representation of Participatory Learning Method



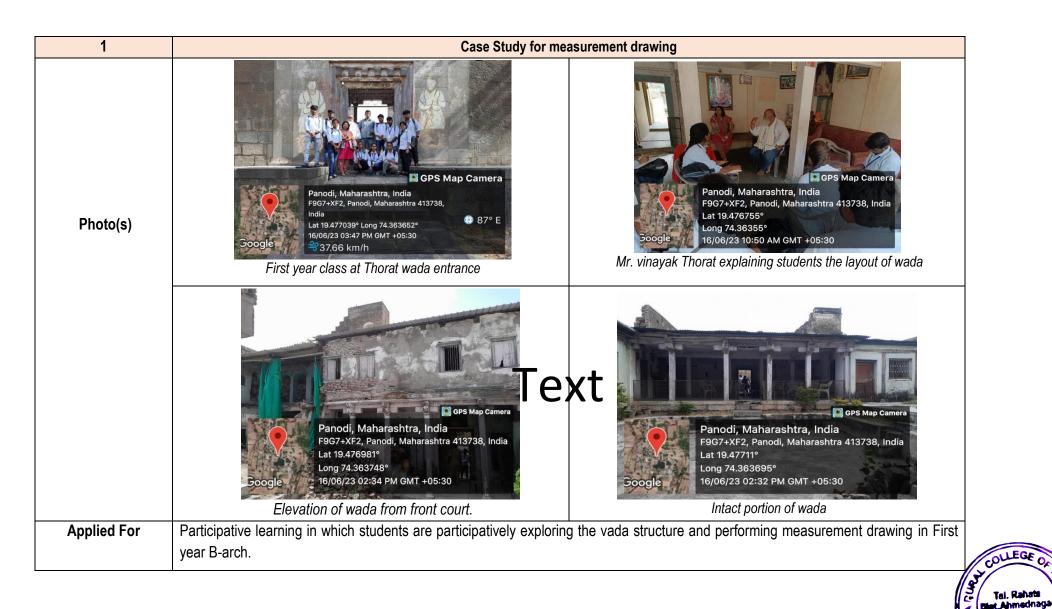


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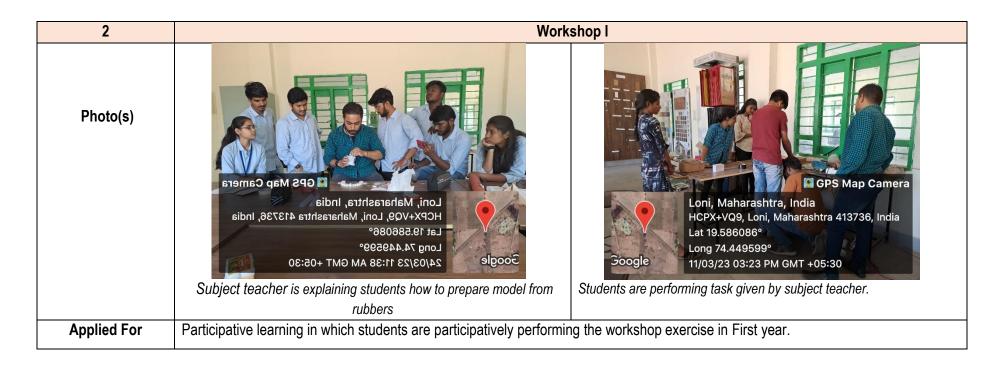
Ref: https://pria-academy.org/pdf/ptm/PTM Unit-1 Course%20Content.pdf

Conclusion of above diagram: students along with trainer are coming together and participating in various activities and gaining knowledge and from different perspective through participative learning

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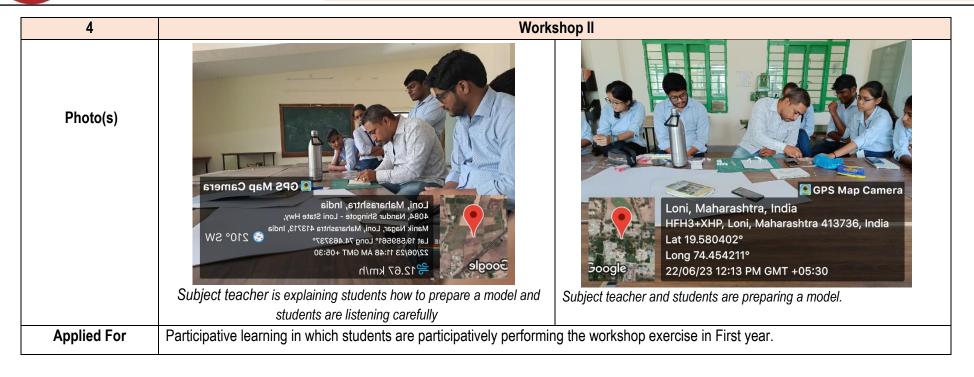




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5





### Site Analysis for Architectural Design problem, Vally of flowers, Sinner



Students observing the site surrounding



students collecting data regarding existing site condition

#### Photo(s)

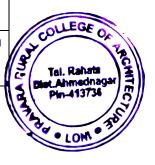




Group photo of 4th-year students with the activity team of PRCA.

#### **Applied For**

Participative learning in which forth year students are participatively analyze all the elements of site on which they have design in Fourth year.



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Site selection and survey for ANDC trophy of NASA competition Photo(s) Students discussing road junctions and traffic Students analyze the materials of the building and taking interview of house owner **Applied For** Participatively students are surveying the site for ANDC trophy of NASA.



# Development of the creative writing skill 8 Photo(s) Teachers explaining various types of stories Teachers explaining stages of the stories Students his story which is created during workshop Students his story which is created during workshop **Applied For** Participatively students are listening and performing as per the requirement of creative writing skill session. (First, Second, Third, Fourth year)

9	Jury Pres	entations
	Student explaining her work to the subject teacher, jury member and the college students	2. Student explaining her work to the subject teacher, jury member and the college students
Photo(s)	3. Student explaining her work to the subject teacher, jury member and the college students	4. Student explaining her work to the subject teacher, jury member and the college students
Applied For	F.Y. B. Arch Architectural Design - II, Pinup jury conducted by Internal jury Member other than Subject Teacher.	



10	Jury Pres	entations
	Student explaining work to Jury members subject teacher and Principal as a jury Member other than Subject Teacher.	2. Group photo of students with Jury members.
Photo(s)	3. Student explaining work to subject teacher, jury Member and Students	Student explaining work to subject teacher, jury Member and Students
Applied For		the Subject teacher and Internal jury Member other than Subject

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12	Group Discussions Sessions	
	1. Students and teachers discussing an acttlement man during the cottlement study tour	
Photo(s)	Students and teachers discussing on settlement map during the settlement study tour	
	2.Students discussing on settlement map during the settlement study tour	
Applied For	F.Y.B. Arch- Architectural Design-II- Settlement Tour on-site studio	

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13	Discus	ssions Sessions
	1. Students and Teachers Discussing On problem given in	2. Students and teachers discussing the problem given in ADG class
	ADG - I class	
Photo(s)	1 Students Discussing given problem amongst themselves	
	Students Discussing given problem amongst themselves     in ADG class	Discussions with Subject Teachers
Applied For	F.Y. B. Arch - Architectural Drawing and Graphics - II, Group a	and one to one Discussions with Subject Teachers



14	Group Discus	sions Sessions
	A student discussing progressive work of research with Subject Teachers.	2. Teachers discussing the research process and compilation of file.
Photo(s)		
	Teachers discussing the research process and compilation of file.	Students discussing the progressive work of research classmates.
Applied For	Fourth Year. B. Arch - Research In Architecture - II, Group discuss	ion On Research process with Subject teachers



15	Group Discussion	Group Discussions & Debate Sessions	
	Post settlement study discussion & debate session for the analysis of Studied Urban settlement	2. Post settlement study discussion of Students to analyses the lifestyle of occupants and semipublic built and open spaces at Studied urban settlement.	
Photo(s)	3. Post settlement study discussion of Students to analyses Climatic and topographical response at Studied urban settlement.	Post settlement study discussion to prepare a written as well as graphical documentation report of studied urban settlement.	
Applied For	Second Year. B. Arch – Design IV, Post settlement study discuss	ion to analyze the studied urban settlement.	

16	Classroom Power	erPoint Presentation
	1. Student presenting research work to Subject Teachers.	1. Discussion on presented research work
Photo(s)	3. Student presenting research work to Teachers and classmates	3. Student presenting research work to Teachers & Classmates
Annlind For		Descriptation On Data Callegation avaided by Cybic at tag shows
Applied For	Fourth Year. B. Arch - Research In Architecture - II, PowerPoint F	resentation on Data Collection guided by Subject teachers



17	PowerPoint	t Presentation
Photo(s)	Student presenting research work to Teachers and classmates	2. Student presenting research work to Teachers and classmates
Applied For	Fourth Year. B. Arch - Urban Studies - II, PowerPoint Presentation On planning tools for urban Design guided by Subject teachers	



18	PowerPoint	Presentation
Photo(s)	Student presenting design case study work teachers and to classmates	2. Student presenting design case study work to teachers and classmates
	3. Student presenting Design case study work to Teachers and classmates	4. Student presenting Design case study work to Teachers and classmates
Applied For	Fourth Year. B. Arch - Design - VIII, PowerPoint Presentation Of case study guided by Subject teachers	



19	Participative + Experientia	l Learning In Group Works
	1. Student preparing measure drawing in groups	2. A student taking measurements of a selected area in groups
Photo(s)		
	A student taking measurements and drafting the details of the interiors of the selected building in groups	4. A student discussing and drafting the details selected building in groups
Applied For	S.Y. B. Arch- History Of Architecture - Measure Drawing Assignment	



20	Participative + Experientia	I Learning In Group Works
	1. Students working collaboratively to get the hands-on experience of	
	masonry wall construction at construction courtyard.	Students working collaboratively to get the hands-on experience of masonry wall construction at construction courtyard.
Photo(s)		
	<ol><li>Students working collaboratively to get the hands-on experience of masonry wall construction at construction courtyard.</li></ol>	4. Students working collaboratively to get the hands-on experience of masonry wall construction at construction courtyard.
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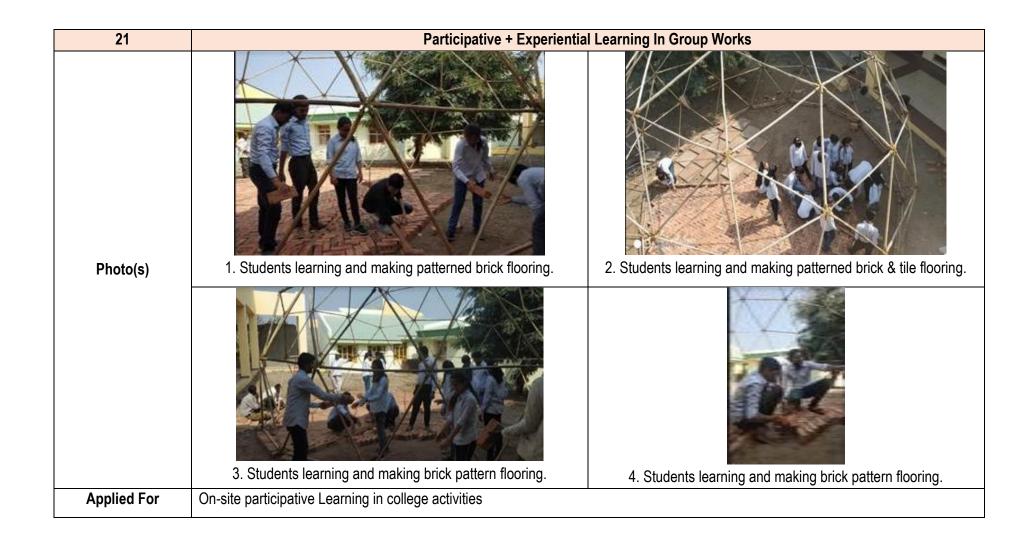


5. Students working collaboratively to get the hands-on experience of masonry wall construction at construction courtyard.



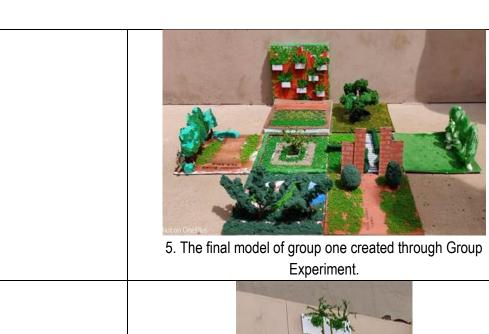
 Completed Masonry wall in Double Flemish Bond (Result of Participative learning + Experiential learning) at Construction Courtyard.







## 22 **Group Experiment** 1. Student experimenting on space making and experiential 2. A student from group one explaining space created through quality of space through permutations and combinations of Group Experiment. Photo(s) models. 4. A student from group three explaining space created through 3. A student from group two explaining space created through Group Experiment. Group Experiment.





6. The final model of group one created through Group Experiment.



7. The final model of group two created through Group Experiment



8. Teachers appreciated the efforts and good work done by students

Applied For

T. Y. B. Arch -Landscape Architecture - I, Learning Aspects of Plants and its application in space making through permutations and combinations of models session conducted by the Subject teacher and examined by Member other than Subject Teacher.

#### 23

#### Creative Writing, Roll Play and Performing Arts



1. Student performing drama on Toda tribes- Scene showing rituals followed by Toda tribes on special festival



2. Student performing drama on Toda tribes- Scene showing the daily life of Toda tribe background of the interior of Toda house created through PowerPoint by students.

#### Photo(s)



3. Student performing drama on Bhunga tribes- Scene showing King Court of King from that story background of the interior of King Court created through PowerPoint by students.



4. Student performing drama on Bhunga tribes- Scene showing community common spaces for interactions supported by a background of the exterior of Bhunga houses created through PowerPoint by students.



5. Student performing drama on Warli tribes- Scene showing ritual of Naming Ceremony followed by Warli tribes.



6. Student performing drama on Warli tribes- Scene showing ritual of tree worshipping followed by Warli tribes.



6. Student performing drama on Warli tribes- Scene showing dance form of Warli tribes performed for praying rain god before the rainy season.



8. Teachers and other students as an audience.

### Applied For

F. Y. B. Arch - History of Architecture - I, Learning Tribes of India - Their Anthropology through drama and Roll Play. Story of each tribe was written by students themselves, directed and executed by students themselves. Session conducted by Subject teachers, examined by Members other than Subject Teachers and was open for the entire college



#### **Student Centric Teaching Learning Methods**

Teaching Method	Problem-Solving Method
Aim	To gain knowledge by working on problems.
Objectives	i. To develop analytical solutions to the problem.
	ii. To evaluate alternative solutions.
	iii. To generate and evaluate new ideas
	iv. To evolve creative techniques for the specific design problem.



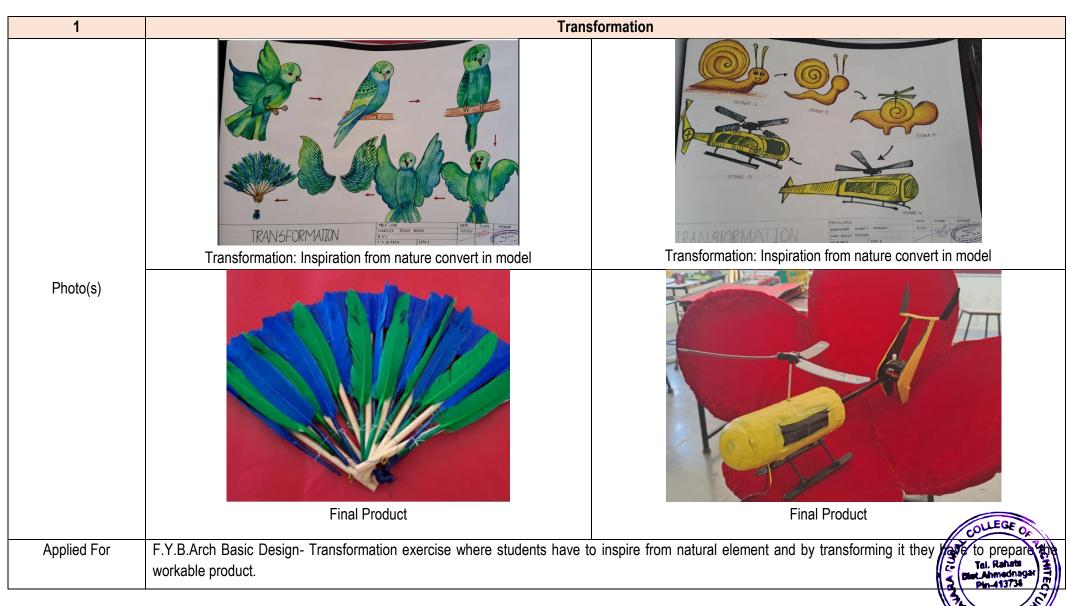
Source: https://study.com/cimages/multimages/16/ps 1 diagram.png

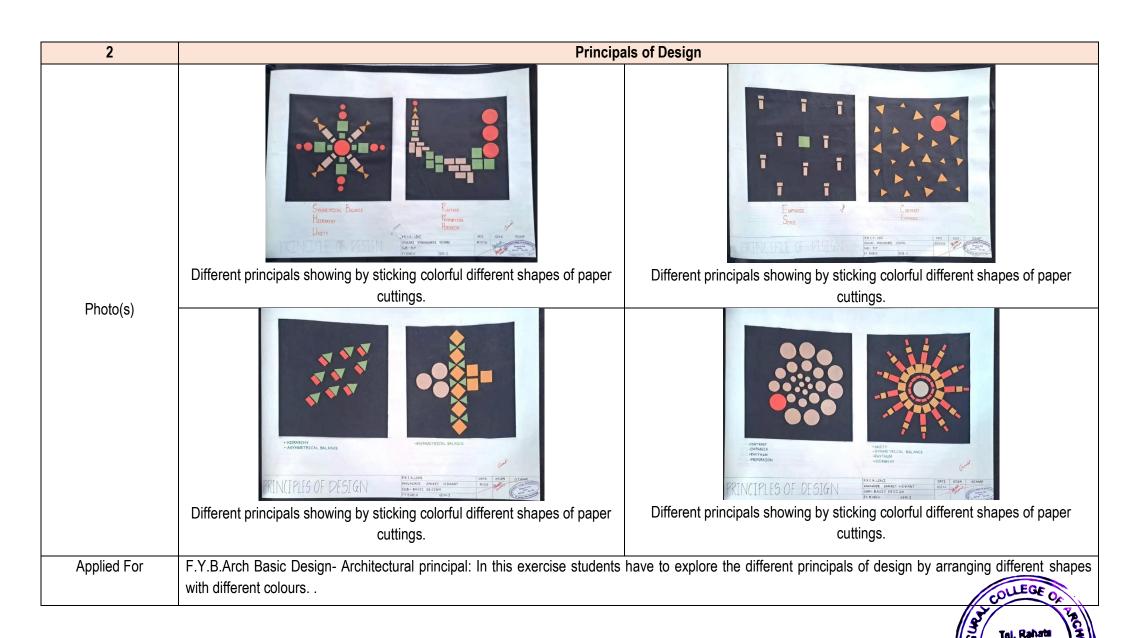
In a problem-solving method, the student learns by working on problems. This enables the students to learn new knowledge by facing the problems to be solved.





#### **Student Centric Teaching Learning Methods**

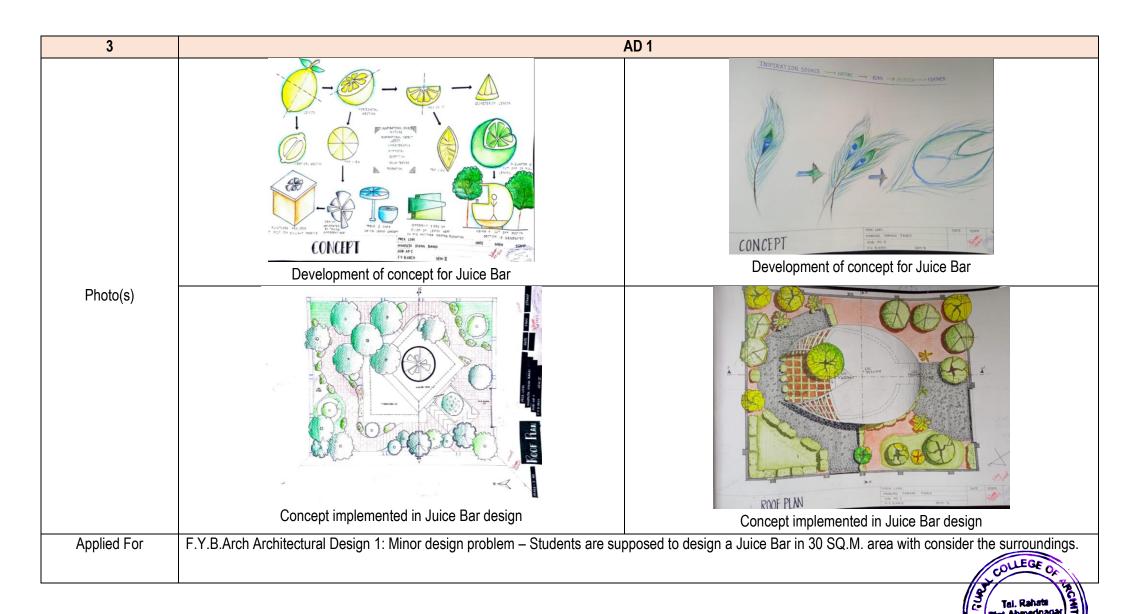




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AD 1 4 CONCEPT CONCEPT Development of concept for Interpretation Center Development of concept for Interpretation Center Photo(s) FLOOR PLAN SITE PLAN Concept implemented in Interpretation Center Concept implemented in Juice Bar design Applied For F.Y.B.Arch Architectural Design 1: Minor design problem – Students are supposed to design a Juice Bar in 30 SQ.M. area with consider the surroundings.

5

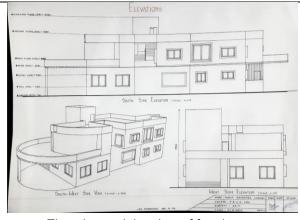
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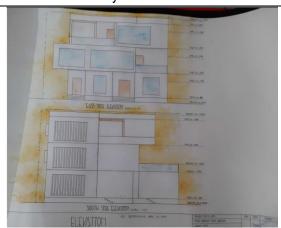
Site analysis for Farmhouse



Site analysis for Farmhouse



Elevation and the view of farmhouse



Elevation of the Farmhouse.

Applied For

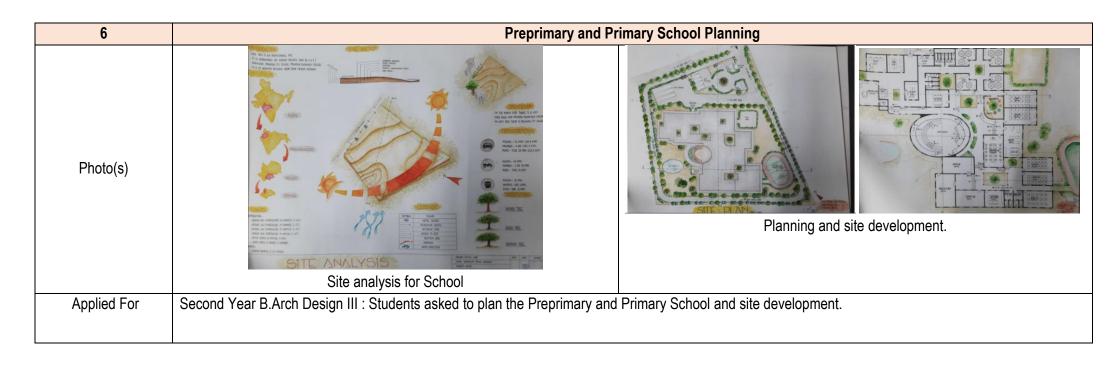
Photo(s)

Second Year B.Arch Design II: Students asked do develop the residential farmhouse as per the given requirements by the design faculties.

**Farmhouse Planning** 









Site planning of Military School 7 Photo(s) SITE PLAN Site planning as per their concepts as well as landscape and planting policies Site planning is shown as per their concepts as well as landscape is also designed. Applied For Third .Year B-Arch Design IV – Students had designed the Military school campus with proper hardscape and softscape design.



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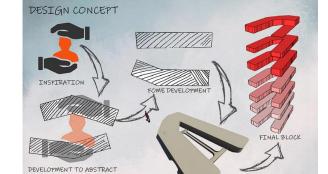
8 Photo(s)

HOSPITAL PROJECT

Hospital design concept



Final elevation of hospital project



Hospital design concept

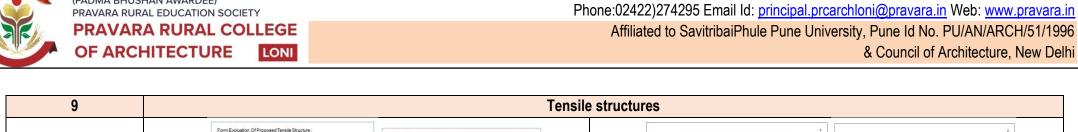


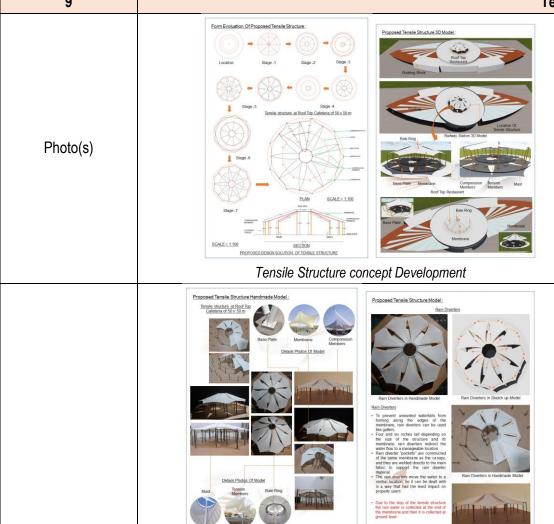
Final Views of Hospital Project

Applied For

Third Year B-Arch Design V – Students was supposed to design a Hospital with all the services.

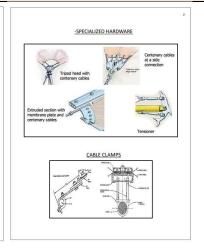
Hospital design



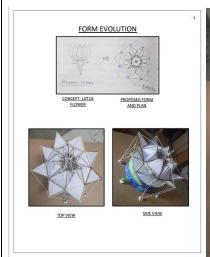


Final Product of Tensile Structure





Tensile Structure concept Development





Dist Ahmednagar

Final Product of Tensile Structure



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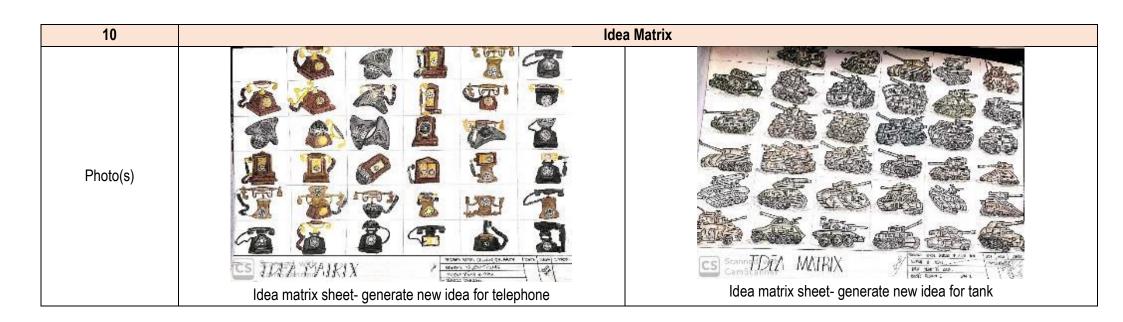
Phone:02422)274295 Email Id: <a href="mailto:principal.prcarchloni@pravara.in">principal.prcarchloni@pravara.in</a> Web: <a href="mailto:www.pravara.in">www.pravara.in</a>

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Applied For

Fourth Year B-Arch Elective IV – Students have to explore different Tensile Structures and how to build it and prepare model showing their individual concept.





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TIDEN MATERIA MATERIA

Idea matrix sheet- generate new idea for soft toy

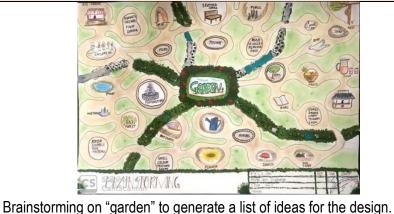
Applied For

F.Y.B.Arch Basic Design- I for systematically generate and evaluate new ideas, presents a repeatable method to operationalize creativity

11

Photo(s)

## **Brainstorming Assignment**





Brainstorming on "music" to generate a list of ideas for the

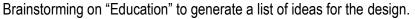
Photo(s)

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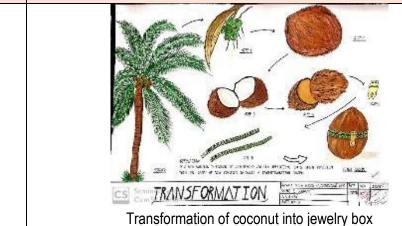


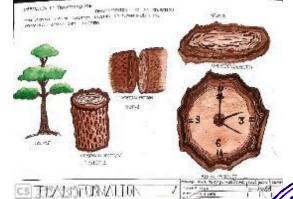


Brainstorming on "Literature" to generate a list of ideas for the design.

Applied For F.Y.B.Arch Basic Design- I for evolving creative techniques for a specific problem by gathering a list of ideas spontaneously contributed by students.

12 Transformation (Design & Models)





Transformation of wooden log into wall clock

Tal. Rahats plat Ahmednagar Pin-413734

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Transformation of coconut into a jewelry box



Transformation of birds wings into the mobile holder

Applied For

F.Y.B. Arch Basic Design- I transform natural form into another usable object by permutation and combination.



Tal. Rahati x\_Ahmednaga Pin-413734

13 Detailed Models

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Pin-413734



LONI

To understand the lifestyle, structure and construction material of the toda community with the help of the detailed model.



To understand the lifestyle, structure and construction material of the Warli community with the help of detailed model





To understand the lifestyle, structure and construction material of Bhunga community with the help of the detailed model.



timber doors and windows with the help of a detailed working model.

Applied For

History of Architecture-I to study the lifestyle, culture and building elements of tribes of India.

F.Y.B. Arch Building Construction and Material-II to study the timber doors and windows with the help of a detailed working model.

15

14

**Detailed Models** 



To understand the Realistic views of a Bungalow with the help of the detailed model.



To understand the Realistic views of an Office building with the help of a detailed model.

Photo(s)



To understand the Realistic views of a Bungalow with the help of the detailed model.



To understand the Realistic views of a Bungalow with the help of the detailed model.

Applied For

Architectural Design -To understand the built and un-built spaces, of design project with the help of the detailed model.



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15	Stud	y Models
Photo(s)		GENERAL HOSPITAL
	To understand the site surroundings and its impact on the building through study model	To understand the scale of built and unbuilt spaces along with site surroundings and its impact on the Hospital building through study model
	To study shadow analysis using sun diel. The method is used to identify shading devices in critical months.	To understand the scale, proportion and orientation of entrance gate through study model
Applied For	Architectural Design -To understand the built and un-built spaces of a desig	n project with the help of study models or working models/ block models.

Applied For

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16	Mode	el Making
	To understand the designing and construction details of panelled doors and window with the help of the model.	To understand the designing and construction details of trusses with the help of model for Model making
Photo(s)	To understand designing of a column of various orders with the help of model	To understand the details of wooden joineries used indoors, windows, trusses, furniture etc with the help of model for better understanding

To understand the concepts of planning and designing with the help of 3D Visualization through various models.

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3D Visualization To understand the realistic views of the interior of the bedroom through 3D View

To understand the realistic views of an apartment building through 3D View

## Photo(s)

17



To understand the realistic views of shopping complex through 3D View



To understand the realistic views of the housing scheme and site development through 3D View

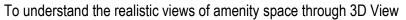
Applied For

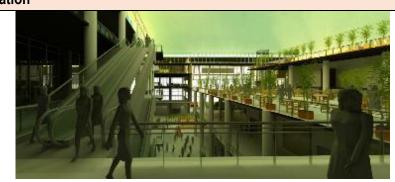
Architectural Design -To understand the built and un-built spaces, interior, and site development of a design project with the help of realistic 3D visualization.

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3D Visualization







To understand the realistic interior views of shopping mall through 3D View

Photo(s)

18



To understand the realistic exterior views of shopping mall through 3D View



To understand the realistic interior views of office building through 3D View

Applied For

Architectural Design -To understand the built and un-built spaces, interior, and site development of a design project with the help of realistic 3D

visualization.

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19	Mi	nd Maps
Photo(s)	To increase students' creativity and generate ideas based on the theme 'TIME' through a mind map.	To increase students' creativity and generate ideas on the topic 'STUDY PLAN' through a mind map.
	MIND MAP	THE PARTY OF THE P
	To increase students' creativity and generate ideas based on 'GLOBAL WARMING' through a mind map.	To increase students' creativity and generate ideas based on 'HI-TECH ARCHITECTURE' through a mind roap

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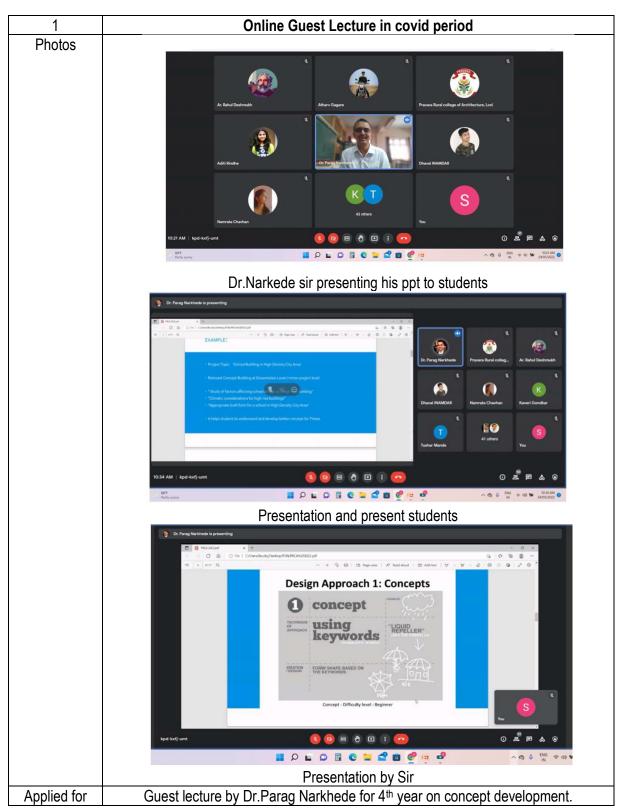
## 2. Use of ICT tools in teaching learning method



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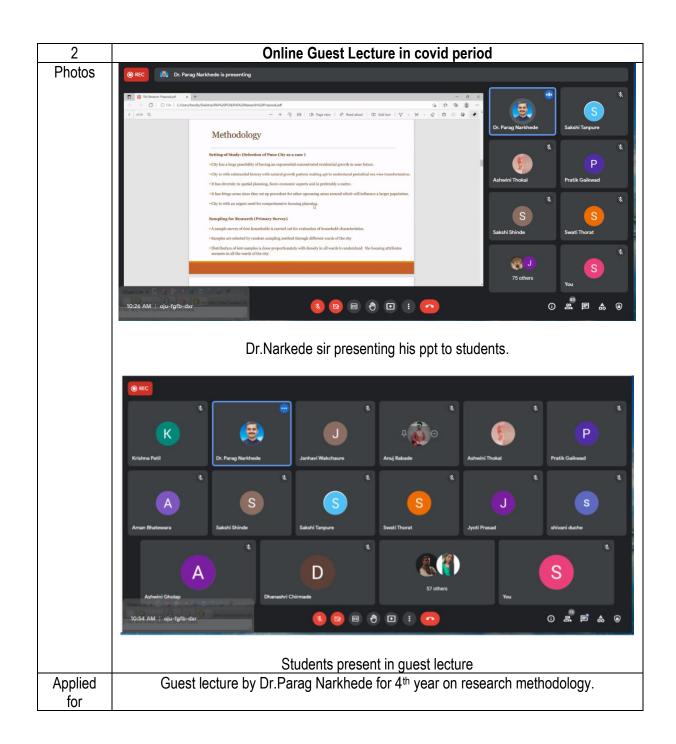
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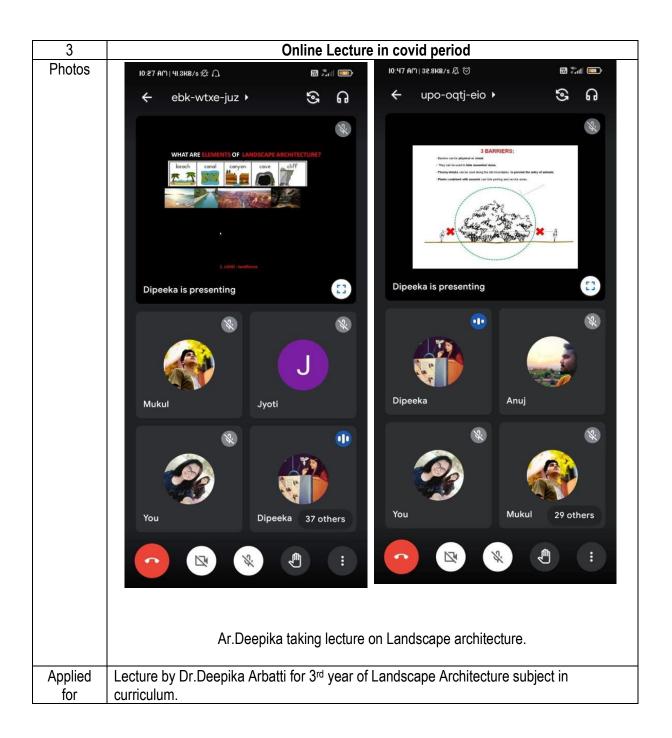
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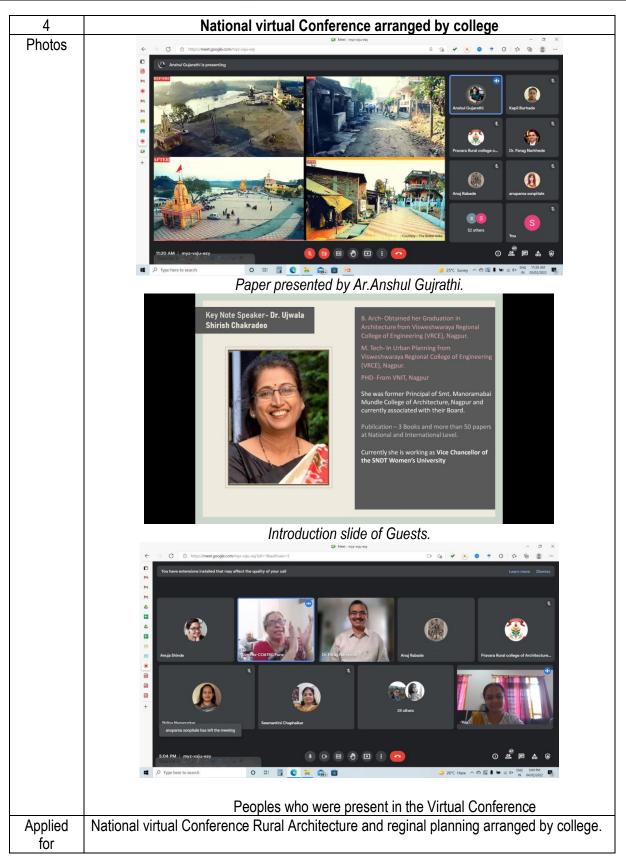
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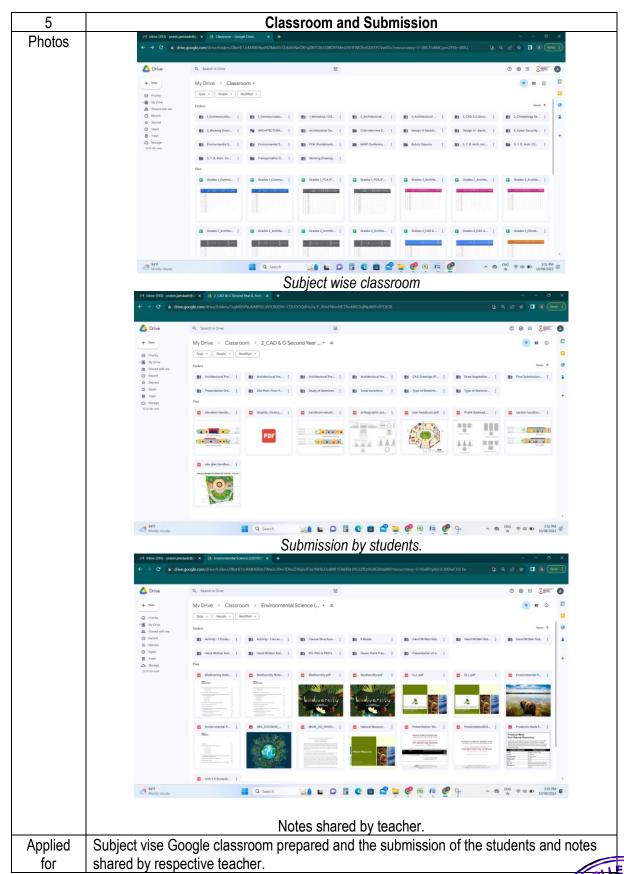
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6	Guest Lecture.	
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	Guest lecture on surveying instruments by using projector.	
	Ahmednagar, Maharashtra, India Longitudo Lotitudo 74.4482° E 19.5867° N 27° C Saturday, 15. Oct. 2022 01 12 PM  Guest lecture on housing by using projector	
Applied	Guest lectures for 4th year on how to design housing cluster and how to use surveying	
for	instruments for large sites by using projector.	





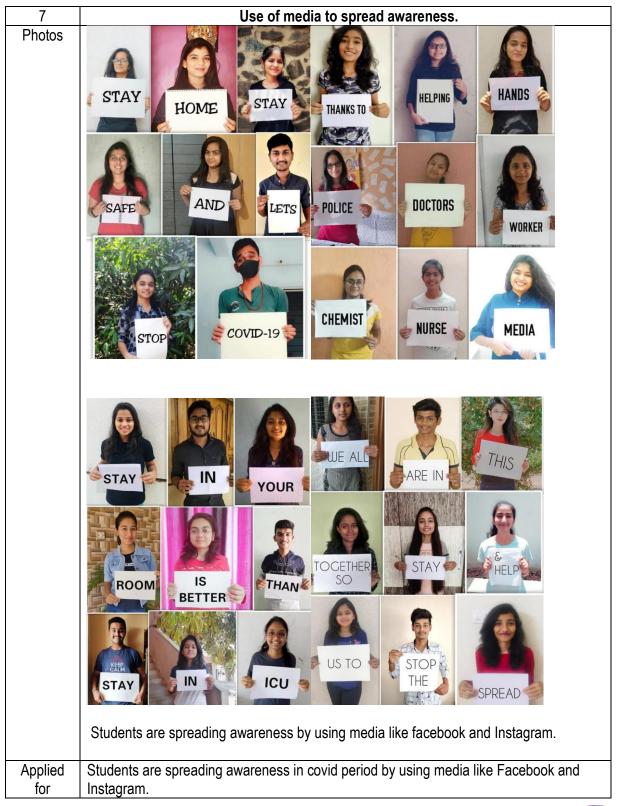
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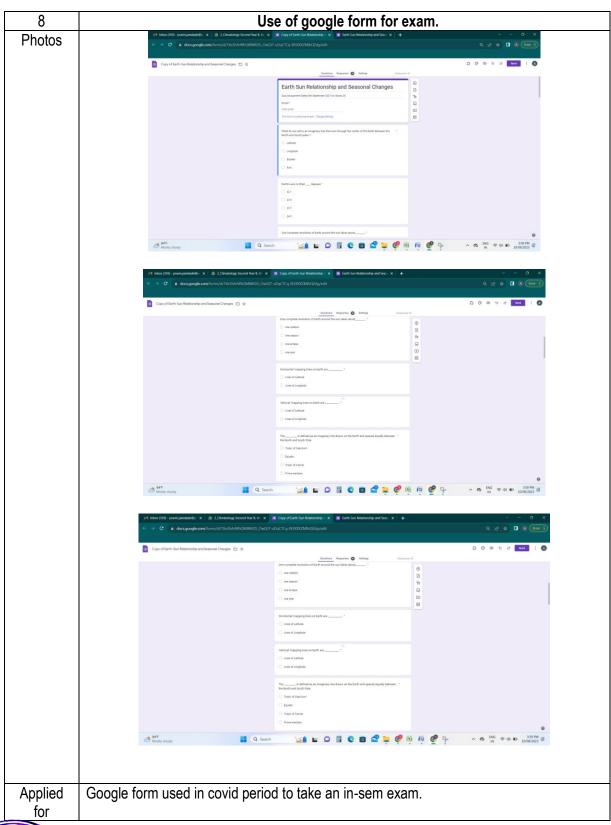
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