

Self Study Report (SSR) : 2021-2022

Criterion 2: Teaching Learning

Key Indicator: 2.3 Teaching – Learning Process (INDEX for ICT infrastructure and teaching-learning)

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	TITLE		
1.	Digital infrastructure in Lecture Halls and Studios for Teaching-Learning		
	List of Spaces	Details of ICT Infrastructure provided	Remarks
	Lecture Hall 1	Laptop, Projector, Screen, wifi connectivity, Audio system	Figure 1.
	Lecture Hall 2	Laptop, Projector, Screen, wifi connectivity, Audio system	Figure 2.
	First Year Studio	Laptop, Projector, Screen, wifi connectivity, Audio system	Figure 3.
	Second Year Studio	Laptop, Projector, Screen, wifi connectivity, Audio system	Figure 4.
	Third Year Studio	Laptop, Projector, Screen, wifi connectivity, Audio system	Figure 5.
	Fourth Year Studio	Laptop, Projector, Screen, wifi connectivity, Audio system	Figure 6.
	PGLA Studio	Laptop, Projector, Screen, wifi connectivity, Audio system	Figure 7.
	PGUD Studio	Laptop, Projector, Screen, wifi connectivity, Audio system	Figure 8.
2.	Digital infrastructure in other spaces for Teaching-Learning		
	Faculty Room	Desktop with softwares, w-lan, Printer	Figure 9.
	Conference Room	Laptop, Projector, Screen, wifi connectivity, Audio system	Figure 10.
	Library	Desktops, Projector systems, OPAC software, e-journals	Figure 11.
	Computer Lab	Desktops, Projector systems, Audio Systems. Various Softwares	Figure 12.
	Printing Lab	Desktops, Printers and Scanners	Figure 13.
	Atrium	Portable arrangement for Laptop, Projector, Screen, wifi connectivity, Audio system	Figure 14.
3.	Google Classroom (1st Yr B.Arch to Vth Yr B. Arch)		Figure 15 to 19
4.	Academic Administration File in Google Spreadsheets		Figure 20 to 24
5.	Library e-resources - OPAC, Subscribe databases, Online access for e-Journals etc.		Figure 25 to 34
6.	Teaching-Learning using ICT (experiential learning, participative learning and problem solving methodologies)		(samples only)



Self Study Report (SSR) : 2021-2022



Figure 3 : First year studio on the first floor.

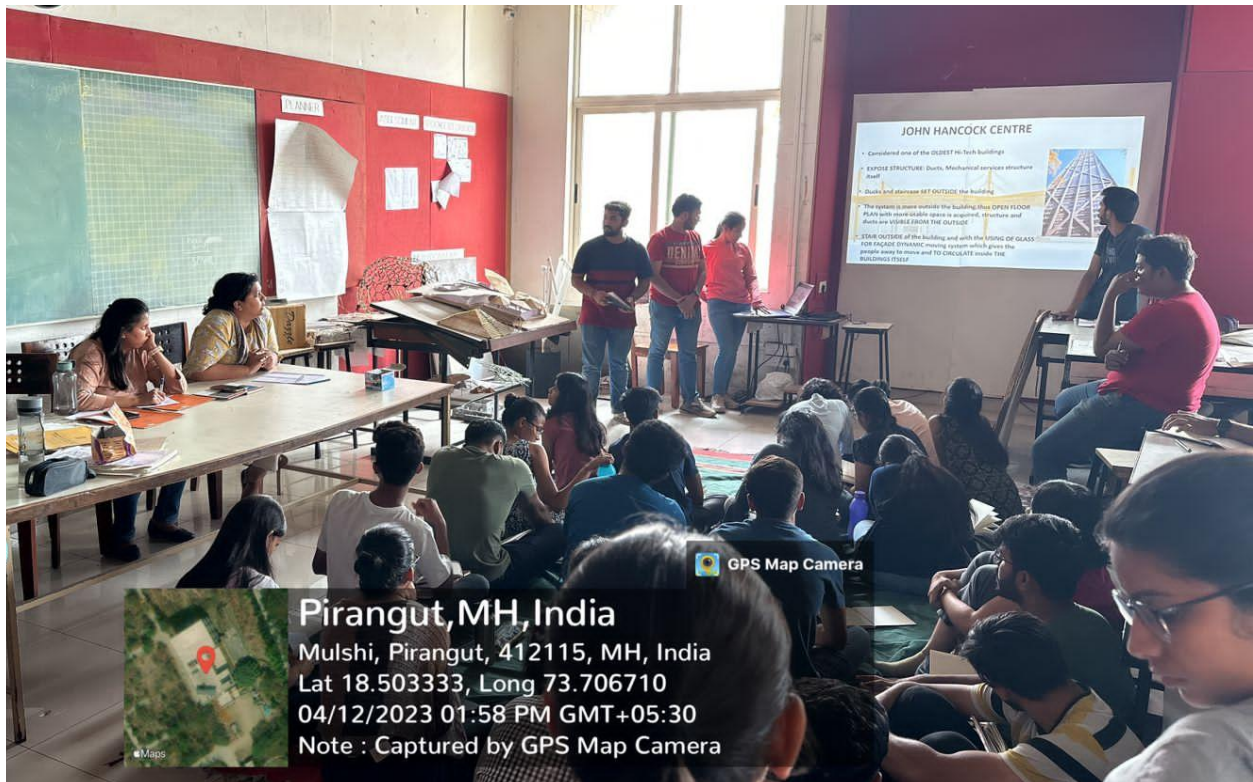


Figure 4 : Second year studio on the first floor.



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Address: 274/2, 275/2, 282, Aditya Nisarg, at post Pirangut, Tal. Mulshi, Dist. Pune-412115, Maharashtra

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PVP CoA, PUNE

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Figure 5 : Third year studio on the second floor.



Figure 6 : Fourth year studio on the third floor.

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Figure 7 : Post Graduate (Landscape Architecture) studio on the second floor.



Figure 8 : Post Graduate (Urban Design) studio on the third floor.

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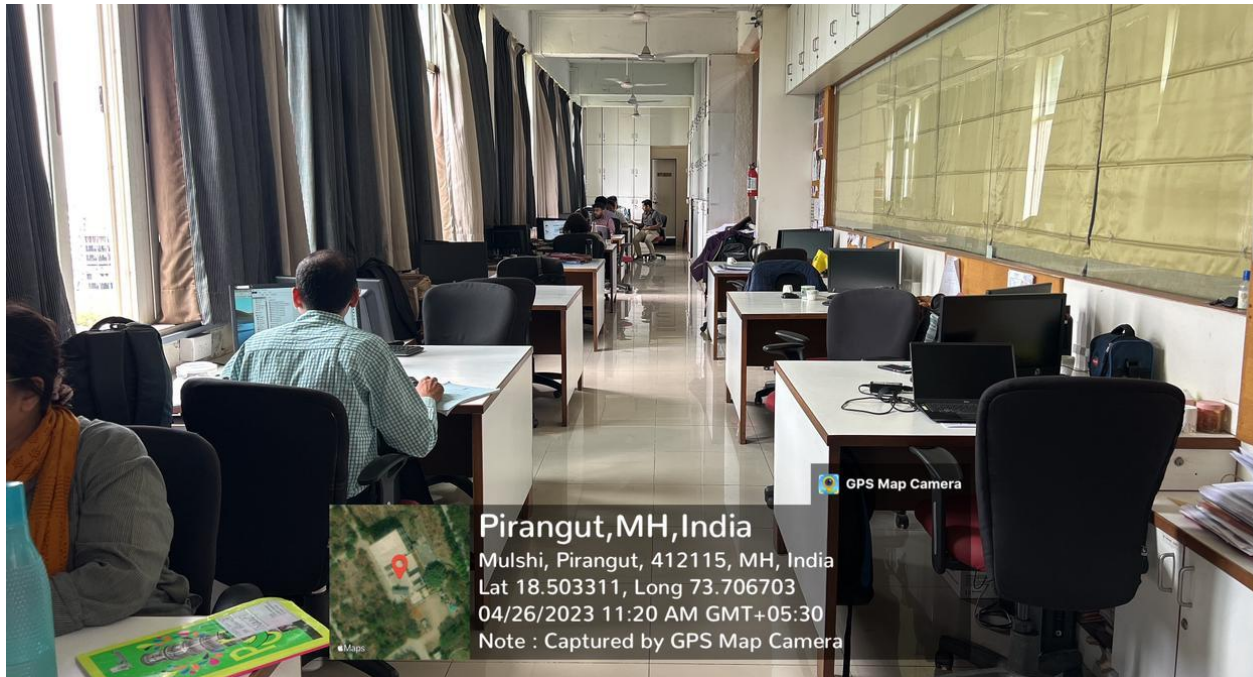


Figure 9 : Faculty Room on the third floor.

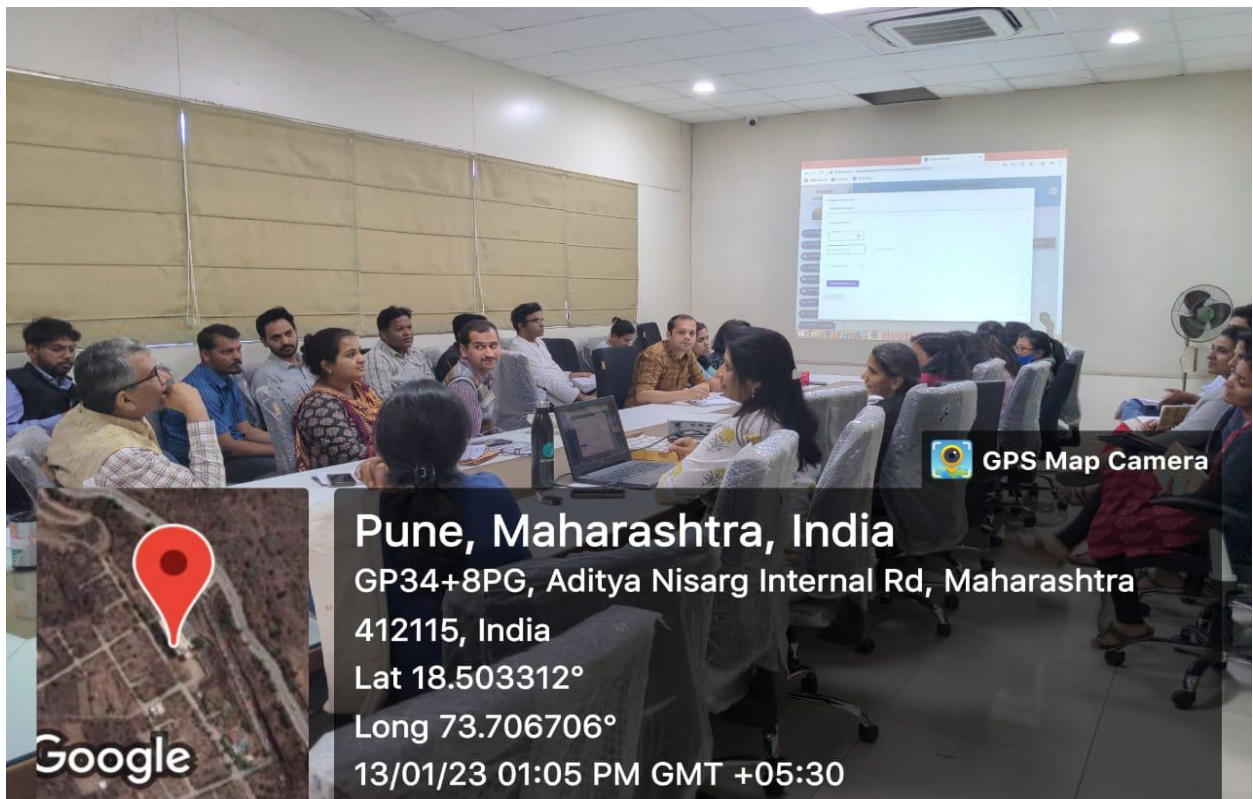


Figure 10 : Conference Room on the third floor.



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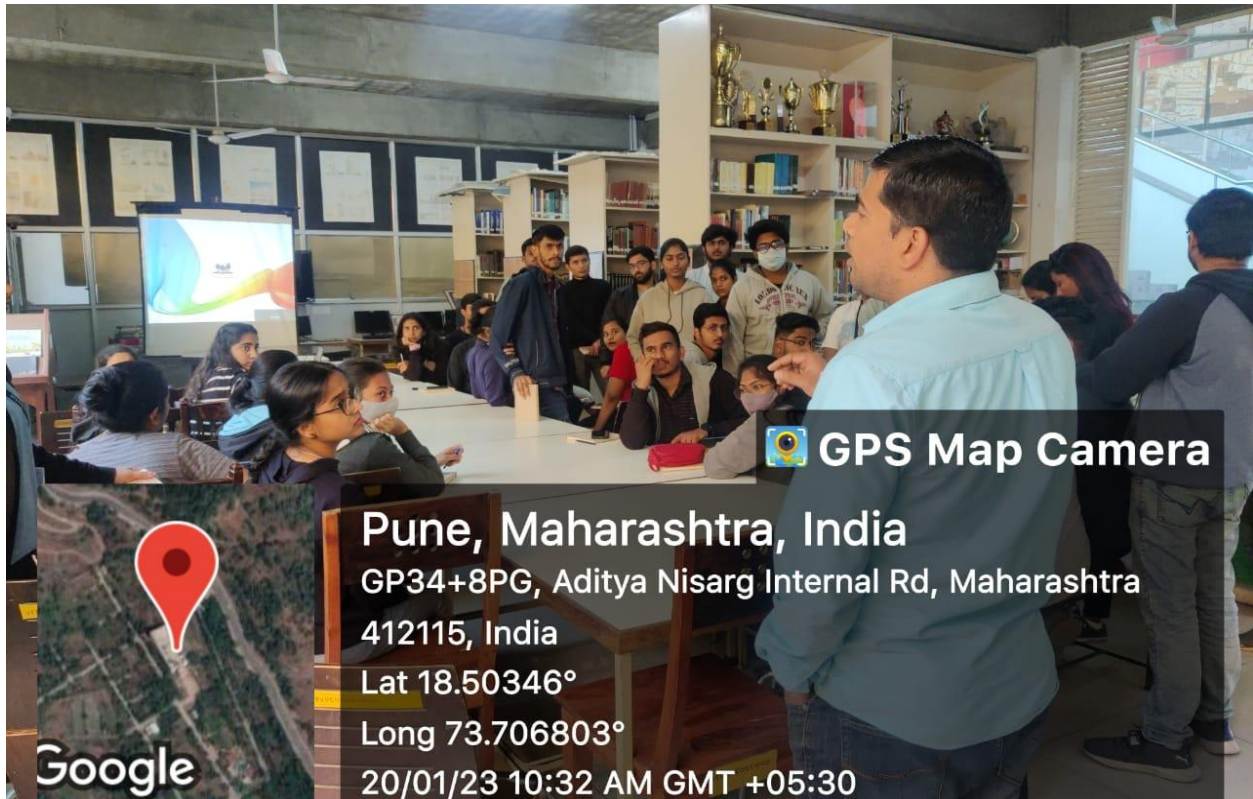


Figure 11 : PVPCoA Library on the second floor.



Figure 12 : Computer Laboratory on the second floor.

Self Study Report (SSR) : 2021-2022



Figure 13 : Printing Laboratory on the second floor.



Figure 14 : Central Atrium for common interaction between eminent guest, alumni and students.

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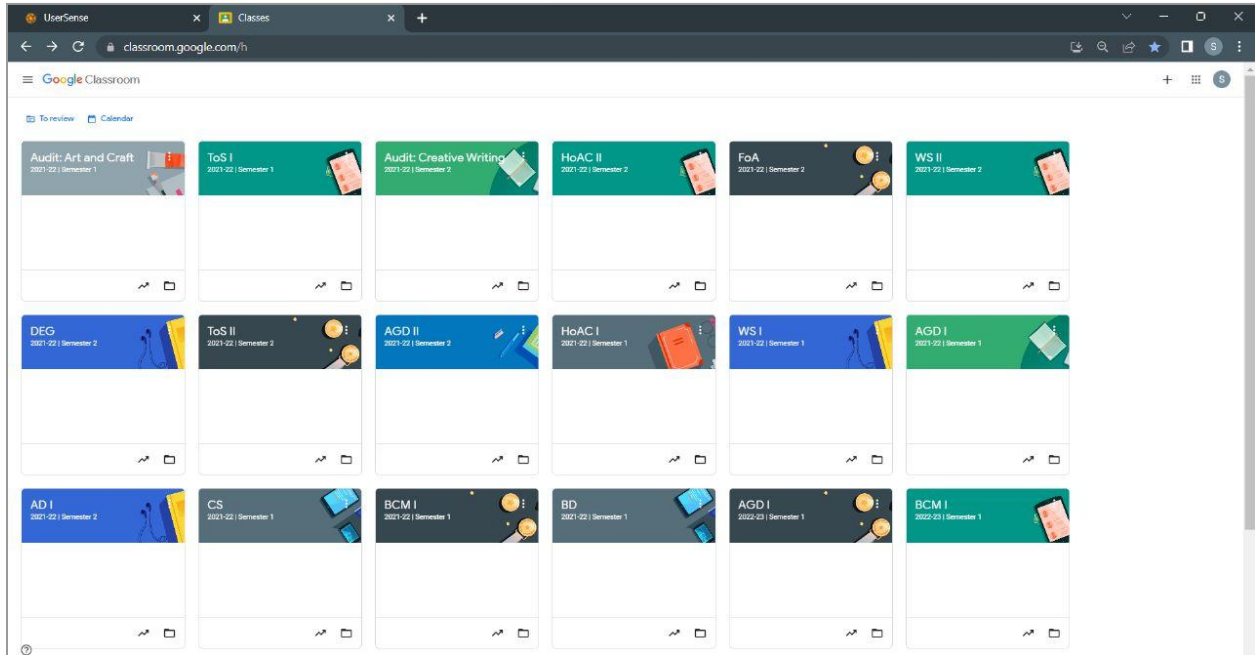


Figure 15 : Google Classroom for First Year B.Arch for AY 2021-2022

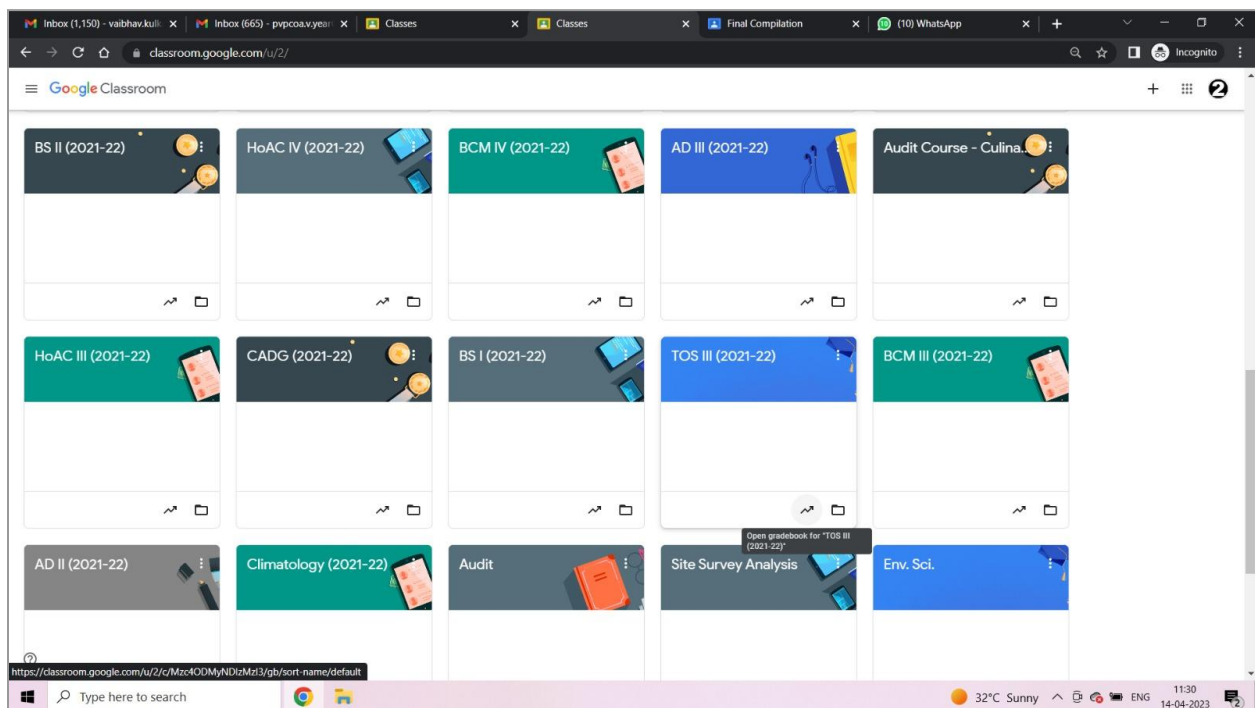


Figure 16 : Google Classroom for Second Year B.Arch for AY 2021-2022

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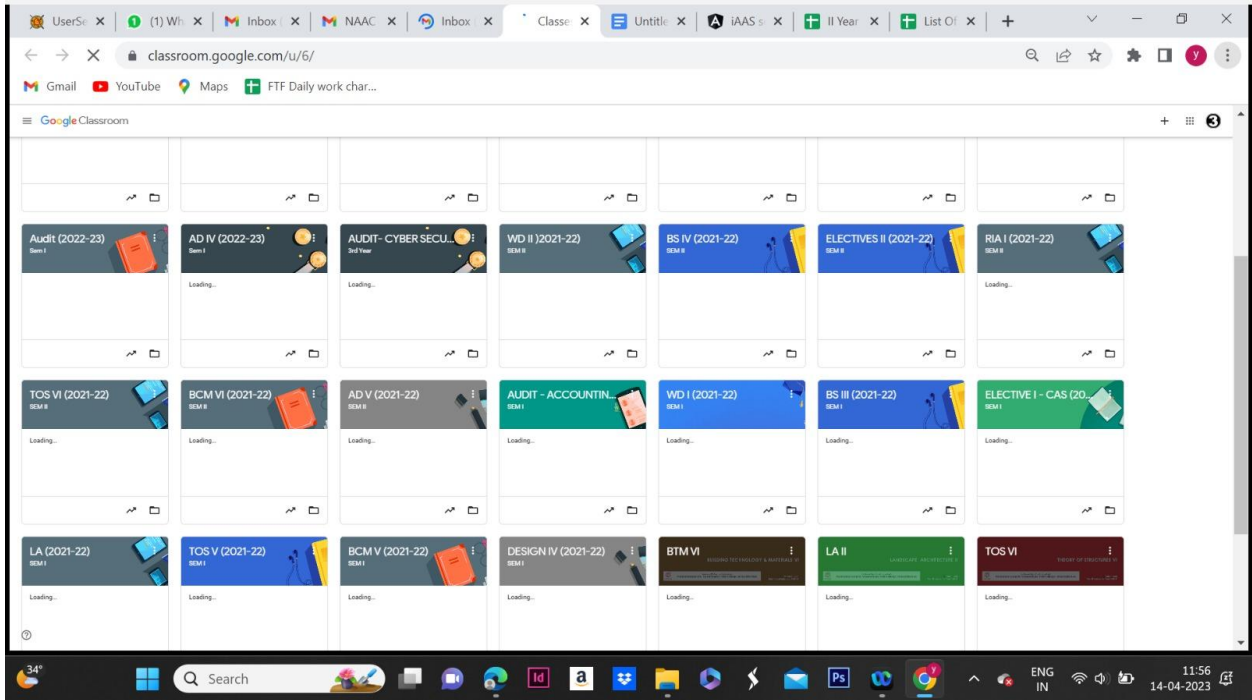


Figure 17 : Google Classroom for Third Year B.Arch for AY 2021-2022

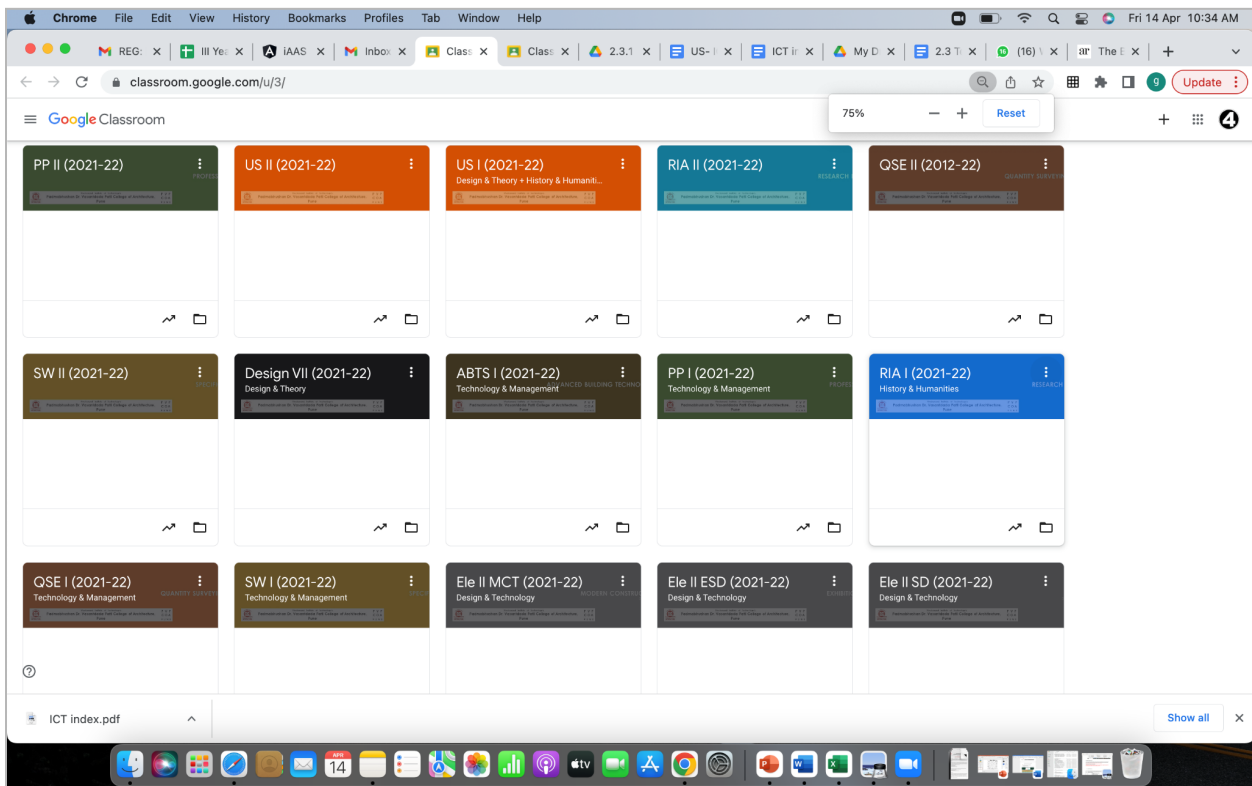


Figure 18 : Google Classroom for Fourth Year B.Arch for AY 2021-2022

Self Study Report (SSR) : 2021-2022

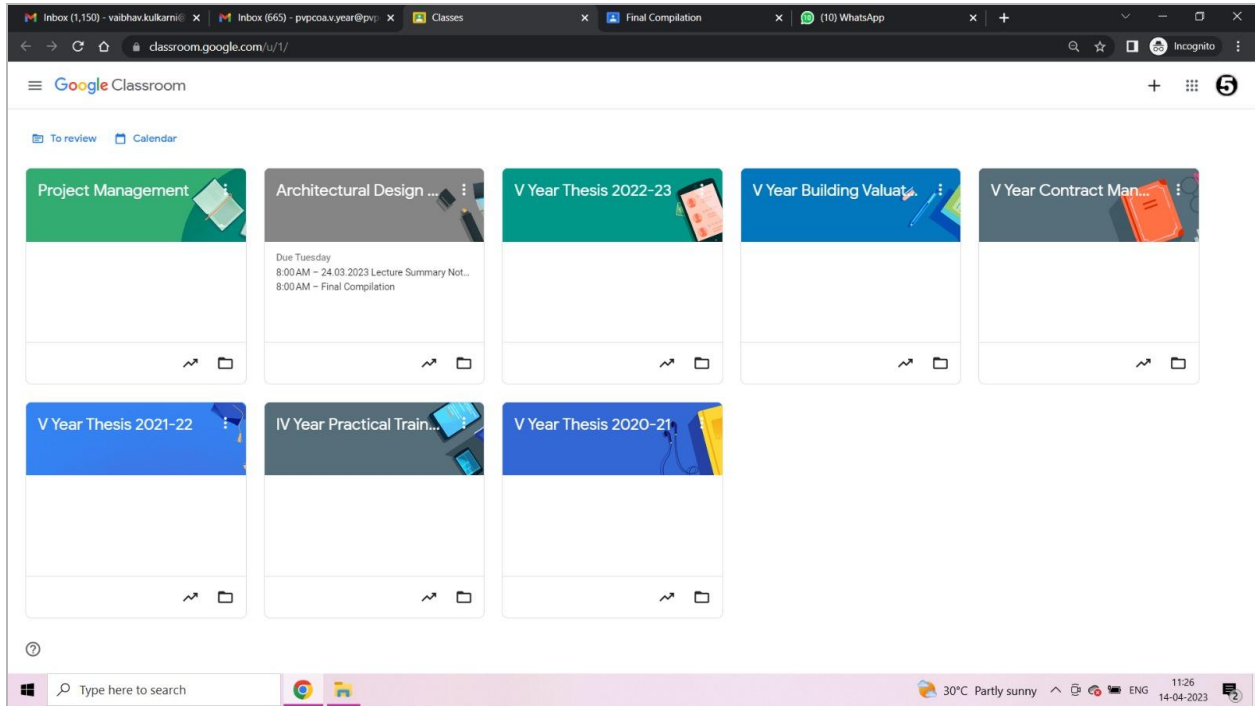


Figure 19 : Google Classroom for Fourth Year B.Arch for AY 2021-2022

SEMESTER VII				SEMESTER VIII			
Attendance	Assessments	Submission	REPORT I	Attendance	Assessments	Submission	REPORT II
Design VII	Design VII	Design VII	College Events	Design VIII	Design VIII	Design VIII	College Events
ABTS I	ABTS I	ABTS I	Attendance (Sem VII)	ABTS II	ABTS II	ABTS II	Attendance (Sem VIII)
PP I	PP I	PP I	Subject Comments (Sem VII)	PP II	PP II	PP II	Subject Comments (Sem VIII)
US I	US I	US I	Electives II Comments	US II	US II	US II	Electives III Comments
RIA I	RIA I	RIA I	Critical Students Discussion (Sem VII)	RIA II	RIA II	RIA II	Critical Students Discussion (Sem VIII)
QSE I	QSE I	QSE I	Backlog Discussions (Sem VII)	QSE II	QSE II	QSE II	Backlog Discussions (Sem VIII)
SW I	SW I	SW I	Backlog Sem VII	SW II	SW II	SW II	Backlog Sem VIII
Electives II	Electives II	Electives II	Planner (Sem VII + VIII)	Electives III	Electives III	Electives III	Data Consolidation (Sem VIII)
1. Modern Construction Techniques (MCT)	1. Modern Construction Techniques (MCT)	1. Modern Construction Techniques (MCT)	Responsibilities (Sem VII + VIII)	1. Urban Ecology (UE)	1. Urban Ecology (UE)	1. Urban Ecology (UE)	SPPU Result
2. Exhibition System Design (ESD)	2. Exhibition System Design (ESD)	2. Exhibition System Design (ESD)	CORE Team Chart (Sem VII + VIII)	2. Architectural Journalism (AJ)	2. Architectural Journalism (AJ)	2. Architectural Journalism (AJ)	Clearance
3. Service Design (SD)	3. Service Design (SD)	3. Service Design (SD)	Data Consolidation (Sem VII)	3. Building Economics (BE)	3. Building Economics (BE)	3. Building Economics (BE)	SPACE Data
4. Advanced Computer & Design (ACD)	4. Advanced Computer & Design (ACD)	4. Advanced Computer & Design (ACD)	Consolidated Attendance (Sem VII + VIII)	4. Non-Motorised Transport (NMT)	4. Non-Motorised Transport (NMT)	4. Non-Motorised Transport (NMT)	SPACE Sheet

Figure 20 : Academic Administration File (Home Tab) for Fourth Year B.Arch for AY 2021-2022



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Design VII
4th Year B. Arch
ATTENDANCE
Sem 1, 2021-22

Roll No.	Grp. No.	Students Name	1. Present	2. LIP / LTR Bnfy	3. Absent	4. Absent Informd	5. Total Absent (Hrs)	6. Total Present (Hrs)	7. %	Aug	Sep	Oct	Nov	Dec
1	503	Aditi Holey	35	15	0	15	40	72	72	P	P	P	P	P
2	503	Agrawal Durga	54	1	0	0	55	100	100	P	P	P	P	P
3	503	Agrawal Kashish	49	1	0	1	51	91	91	P	P	P	P	P
4	503	Agrawal Koulika	50	3	0	2	53	91	91	P	P	P	P	P
5	503	Agrawal Shivam	52	3	0	0	55	100	100	P	P	P	P	P
6	ECM	Aradwad Dinesh	39	2	13	1	14	41	75	P	P	P	P	P
7	503	Bajaj Omkar	52	0	1	1	54	96	96	P	P	P	P	P
8	503	Baldawa Nihar	20	8	17	10	27	38	61	P	P	P	P	P
9	503	Banda Rishi	48	5	0	2	53	95	95	P	P	P	P	P
10	503	Bansal Anayash	31	3	16	5	21	34	62	P	P	P	P	P
11	ECM	Bansal Saavi	35	4	10	0	18	39	71	P	P	P	P	P
12	503	Bansal Pratham	48	4	1	2	3	52	95	P	P	P	P	P
13	503	Bele Neelesh	27	6	16	4	22	35	60	P	P	P	P	P
14	ECM	Bendibhar Ahavra	46	1	0	8	47	85	85	P	P	P	P	P
15	503	Bhambhani Pratik	31	4	16	1	20	35	64	P	P	P	P	P
16	503	Bhambhani Pratik	46	5	4	0	51	95	95	P	P	P	P	P

Figure 21 : Academic Administration File (Attendance Tab) for Fourth Year B.Arch for AY 2021-2022

Design VII
4th Year B. Arch
ASSESSMENT
Sem 1, 2021-22

Roll No.	Grp. No.	Students Name	Grp	Ind	Overal	Aug	Sep	Oct	Nov	Dec
1	503	Aditi Holey	50	8	65	54	10	67	68	50
2	503	Agrawal Durga	68	3	68	68	48	50	63	63
3	503	Agrawal Kashish	68	8	62	68	62	58	69	56
4	503	Agrawal Koulika	61	7	65	70	48	50	63	63
5	503	Agrawal Shivam	78	2	72	76	48	63	58	69
6	ECM	Aradwad Dinesh	50	11	58	58	54	18	57	68
7	503	Bajaj Omkar	79	1	65	72	54	19	57	68
8	503	Baldawa Nihar	35	7	0	52	48	62	58	69
9	503	Banda Rishi	60	10	58	55	48	50	63	63
10	503	Bansal Anayash	38	4	68	75	52	55	66	69
11	ECM	Bansal Saavi	50	11	60	52	52	55	66	69
12	503	Bansal Pratham	68	4	0	0	0	0	0	0
13	503	Bele Neelesh	50	8	0	0	0	0	0	0
14	ECM	Bendibhar Ahavra	68	10	70	75	53	10	52	62
15	503	Bhambhani Pratik	17	0	0	0	0	0	0	0
16	503	Bhambhani Pratik	41	3	60	73	64	45	58	63

Figure 22 : Academic Administration File (Assessment Tab) for Fourth Year B.Arch for AY 2021-2022

Self Study Report (SSR) : 2021-2022

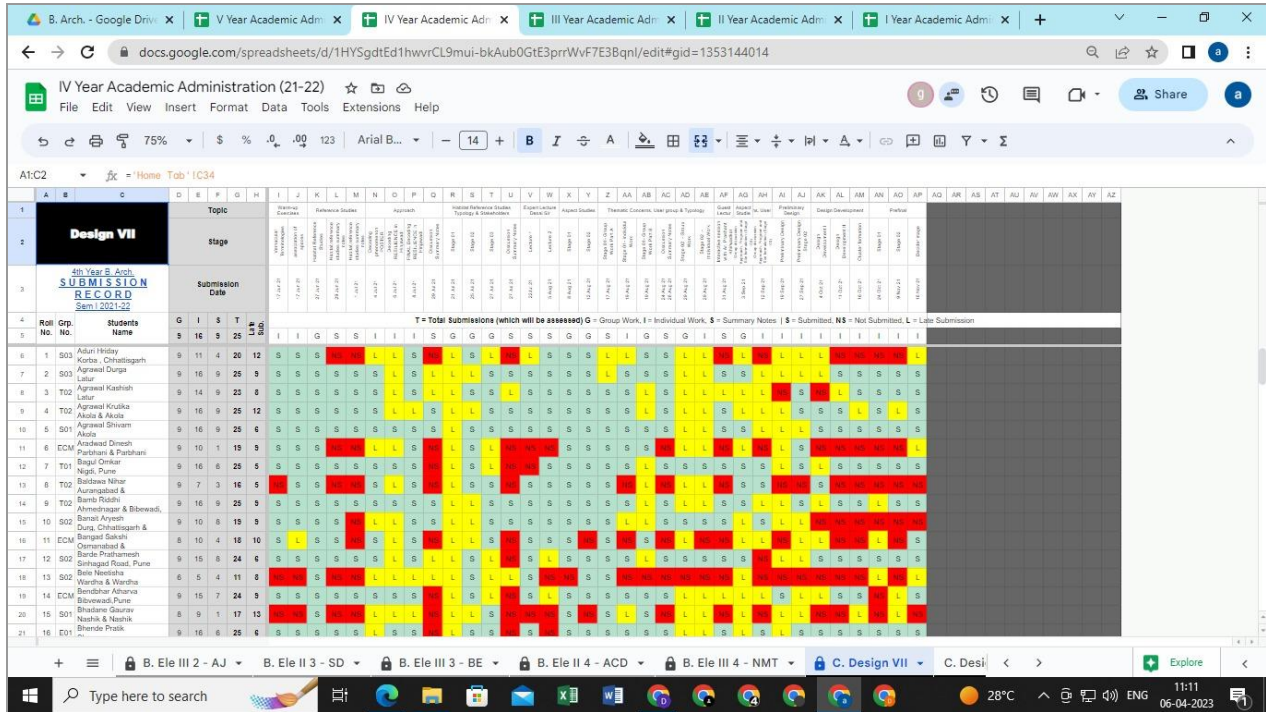


Figure 23 : Academic Administration File (Submission Tab) for Fourth Year B.Arch for AY 2021-2022

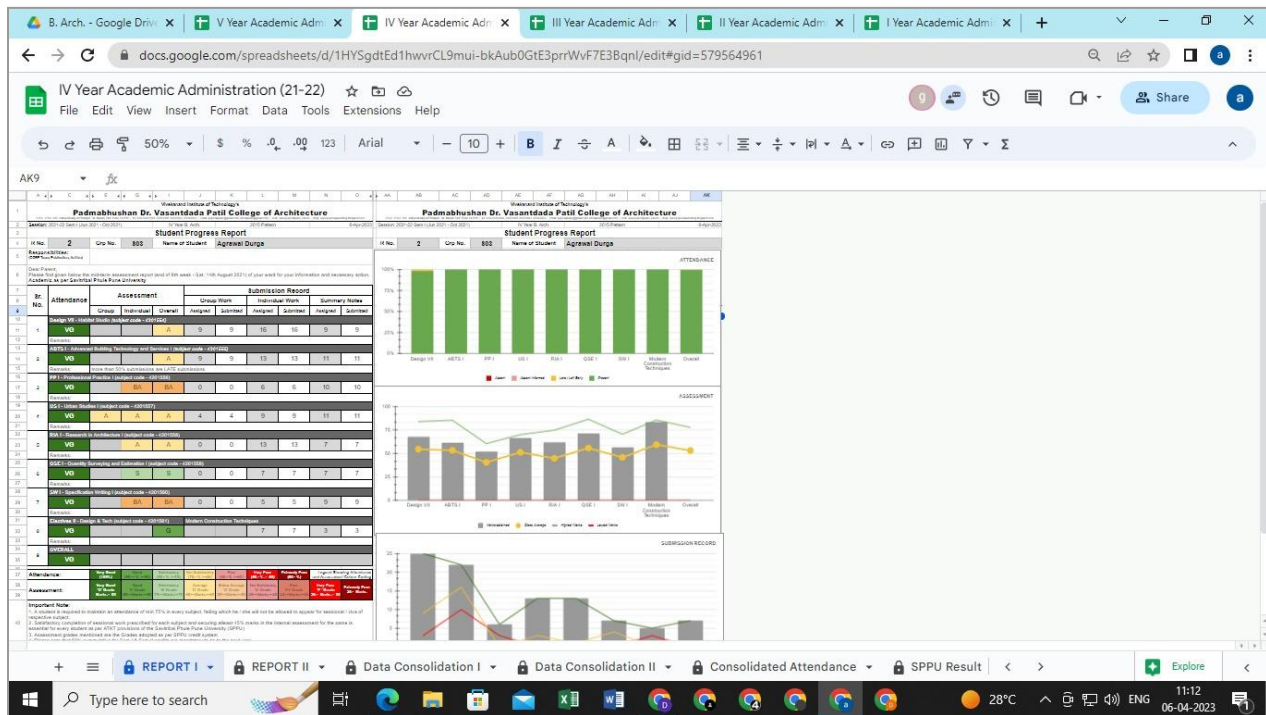



Figure 24 : Academic Administration File (Performance Tab) for Fourth Year B.Arch for AY 2021-2022

Self Study Report (SSR) : 2021-2022

Library E-Resources

1	Library Web OPAC: A tool for searching library resources
2	Subscribe databases <ol style="list-style-type: none"> 1. K-Hub (Knowledge Hub Library) 2. DELNET 3. Charles Correa Archives 4. British Council digital Library
3	Online access for e-Journals <ol style="list-style-type: none"> 1. STM Journals 2. Environment and Urbanization Asia 3. Civil Society 4. Down to Earth
4	Open Access resources and repositories <ol style="list-style-type: none"> 1. NDL-national Digital Library 2. Infibnet- Shodhganga, e-PG Pathshala, Vidya Mitra 3. DOAJ 4. Research Gate 5. Academia 6. Sematic Scholar 7. PDF Drive 8. Z-Library 9. Internet Archives



The screenshot displays the AutoLib NG Web OPAC interface. At the top, it shows the Vivekanand Institute of Technology's logo and name. The main navigation bar includes Home, Member, Search, Circulation Rules, E-Resources, and Other Resources. The user is logged in as Chougule Aditya Amar, with a member number of 1193 and a roll number of 15. The interface shows the current date as 12/04/2023, with 0 books issued and Rs. 40.00/- in dues pending. A table titled 'Books Issued: 37' lists the following books:

Series	Acc. No.	Title	Author	IssueDate	Period	DueDate	LateDays	Fine
A	6422	Manual of Section	Lewis, Paul; Tsurumaki, Marc and Lewis, David J.	10/03/2023	8	18/03/2023	0	0.00
A	2275	Tadao Ando 1995-2010	Francesco Dal Co.	10/03/2023	8	18/03/2023	0	0.00
A	3033	Detail Annual	Jeong, Kwang Young	10/02/2023	8	18/02/2023	0	0.00
A	3163	The Best in lobby design, hotels and offices	Phillips, Alan	10/02/2023	8	18/02/2023	0	0.00
A	2617	Elements Of Spacemaking	Pandya, Yatin	30/01/2023	8	02/02/2023	0	0.00
A	1467	Tadao Ando: Light & Water	Brikhouser Publishers For Architecture Basal-boston	07/01/2023	8	15/01/2023	0	0.00
A	4593	Elements Of Indian Art & Architecture	hath, R	18/11/2022	8	26/11/2022	0	0.00

Figure 25 : PVPCoA Library Web OPAC: A tool for searching library resources.

Self Study Report (SSR) : 2021-2022

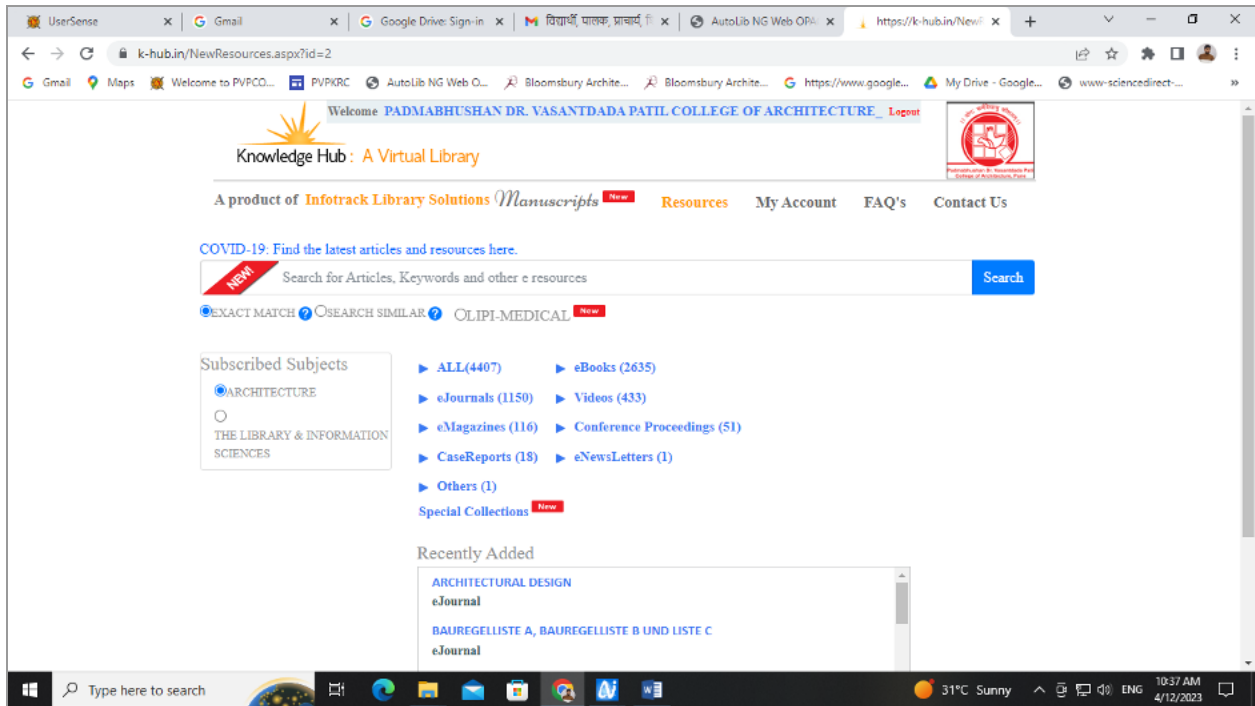


Figure 26 : Knowledge Hub - Subscribed database

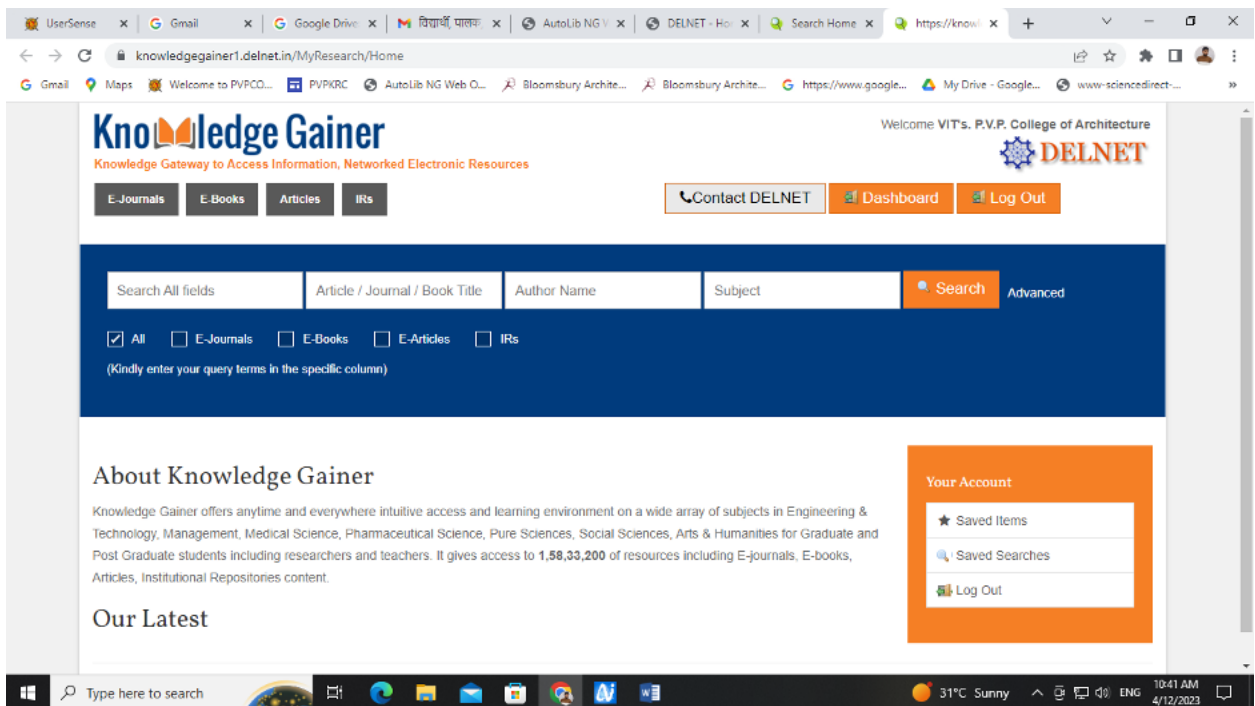


Figure 27 : Delnet - Subscribed database

Self Study Report (SSR) : 2021-2022

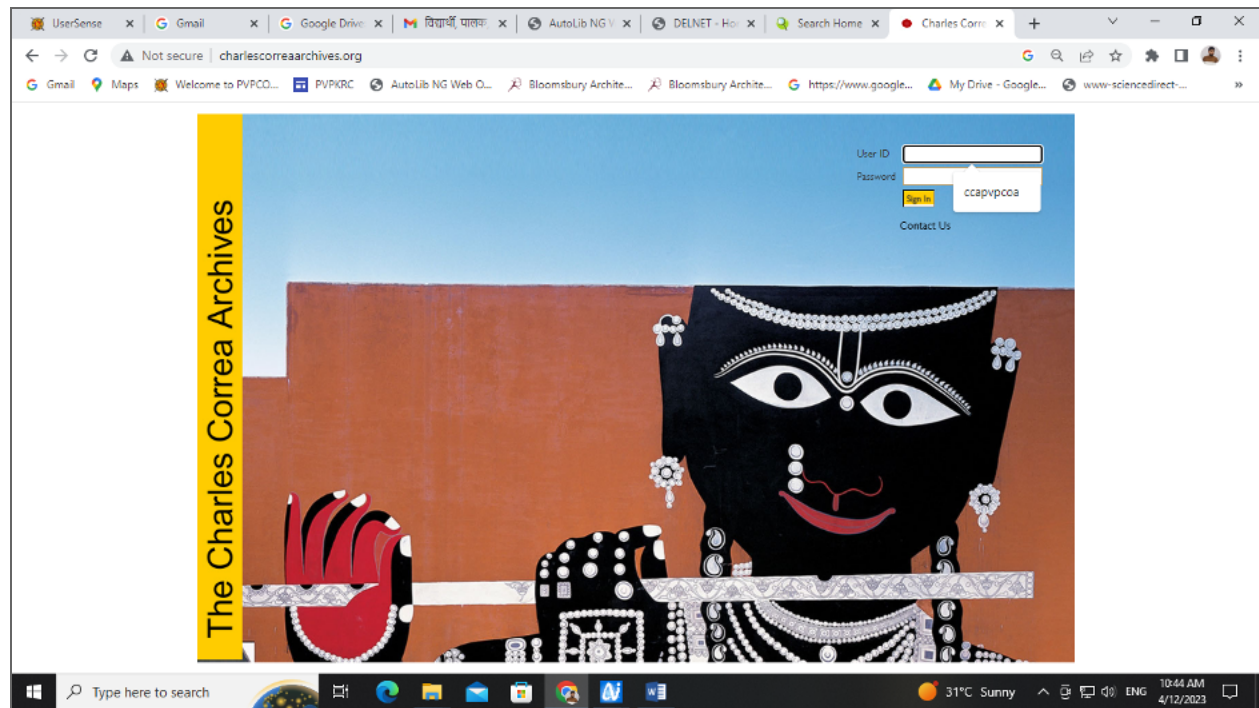


Figure 28 : Charles Correa Archive - Subscribed database

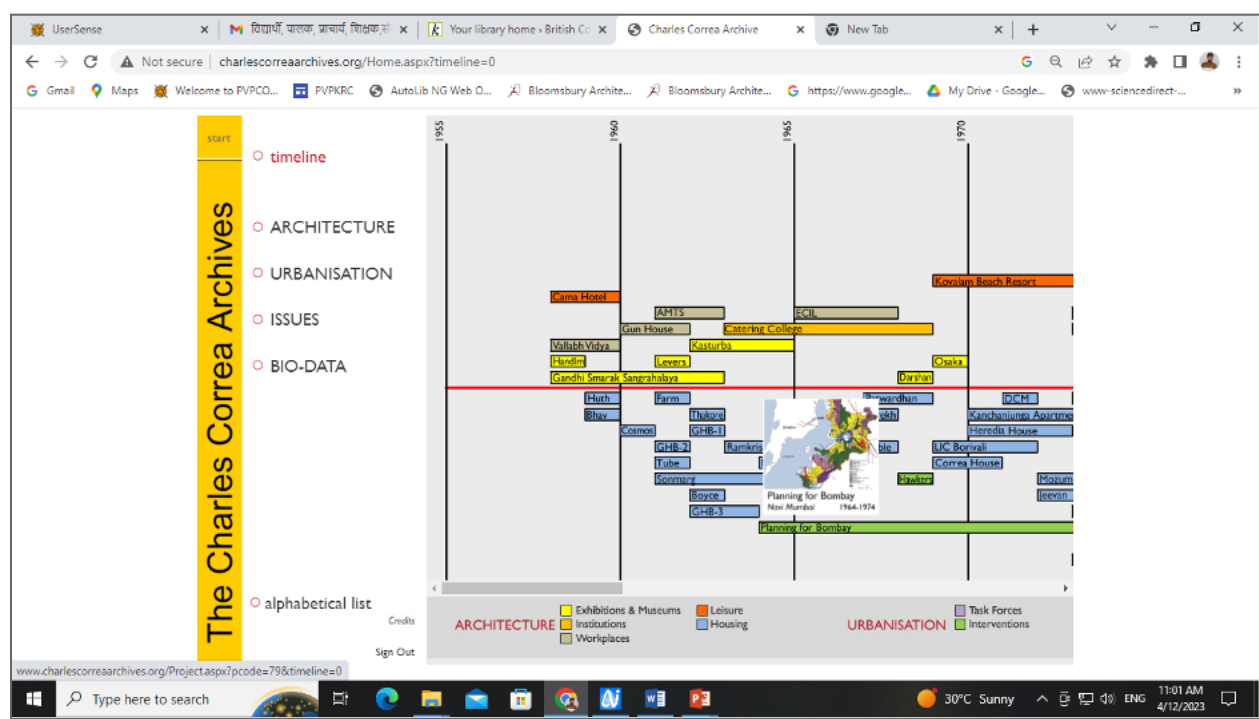


Figure 29 : Charles Correa Archive - Subscribed database

Self Study Report (SSR) : 2021-2022



Figure 30 : British Council Digital Library - Subscribed database

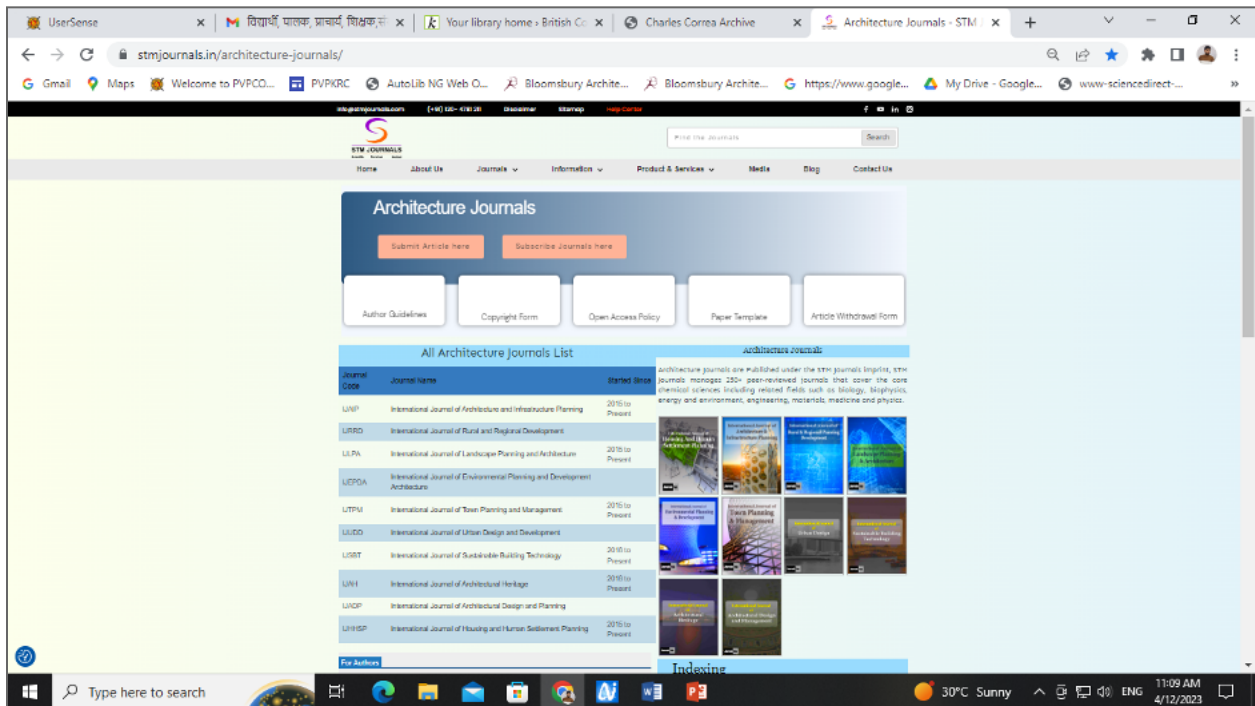


Figure 31 : STM Journals - Online access for e-Journals

Self Study Report (SSR) : 2021-2022

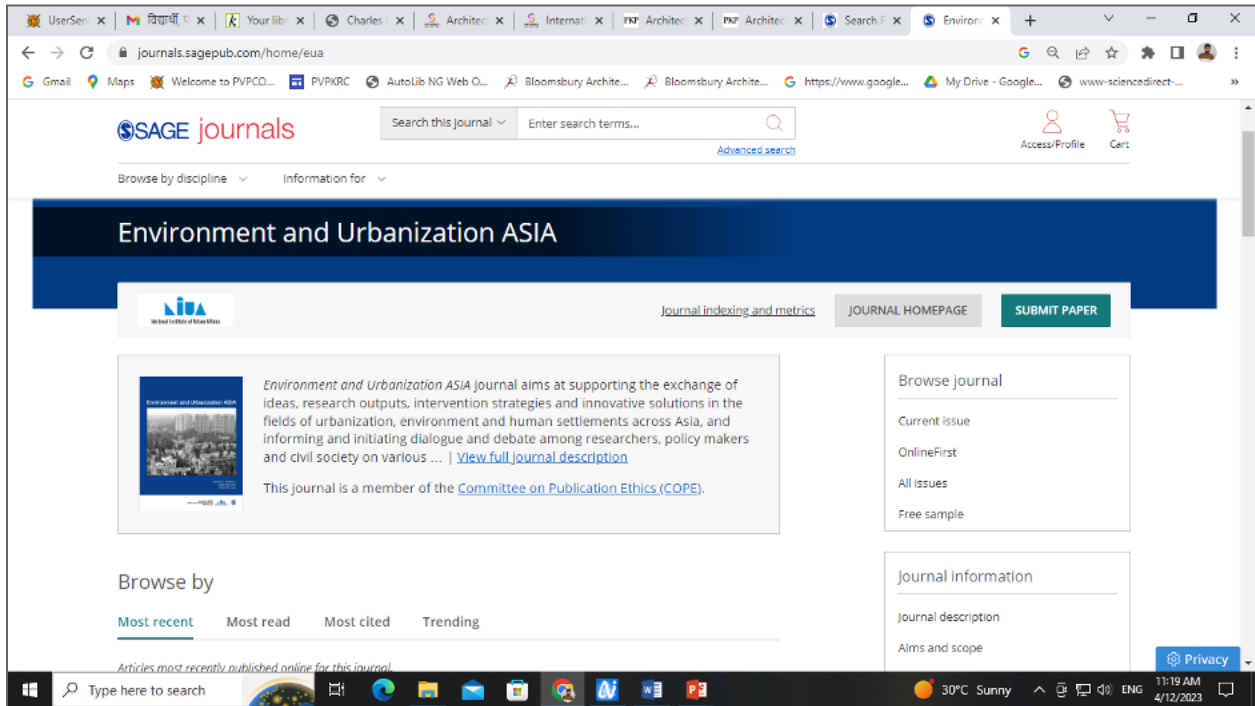


Figure 32 : Environment and Urbanization Asia - Online access for e-Journals

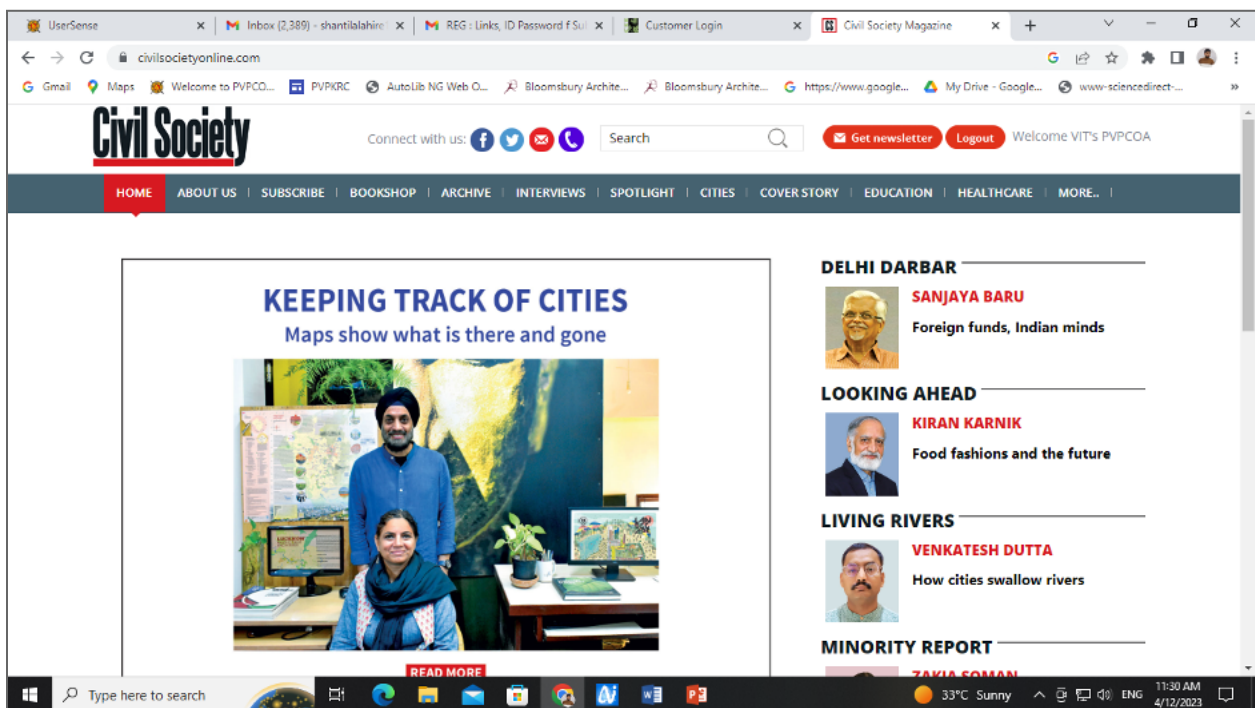


Figure 33 : Civil Society - Online access for e-Journals

Self Study Report (SSR) : 2021-2022

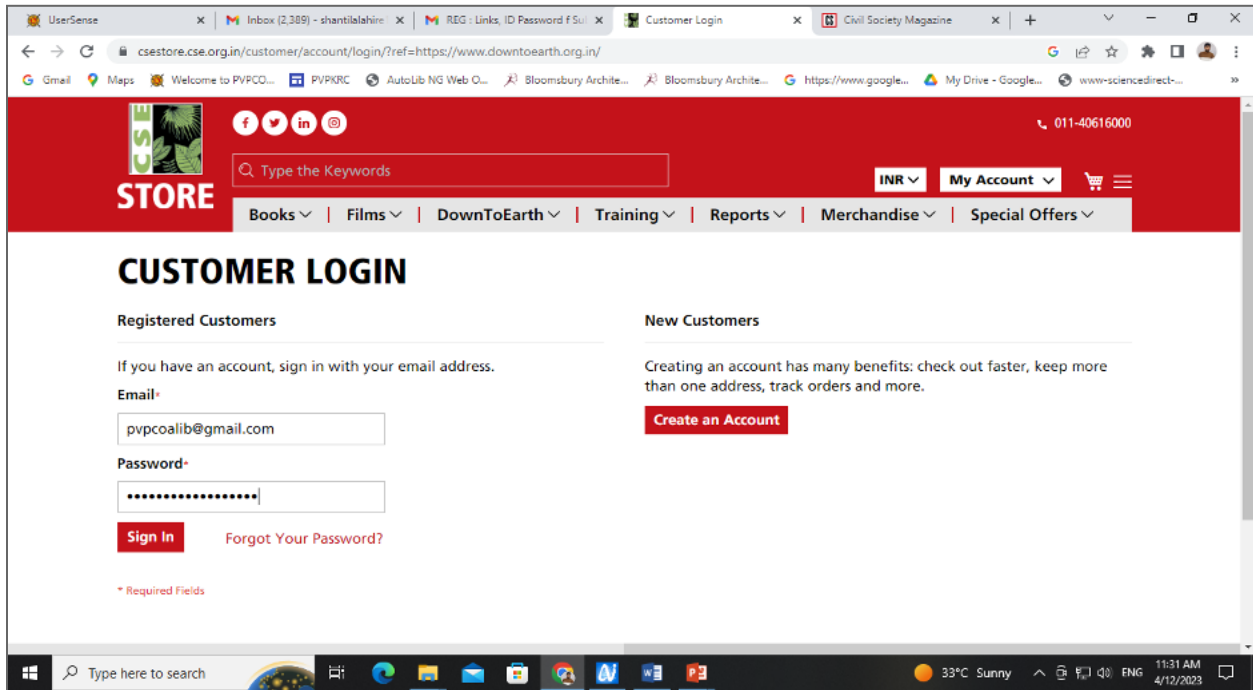
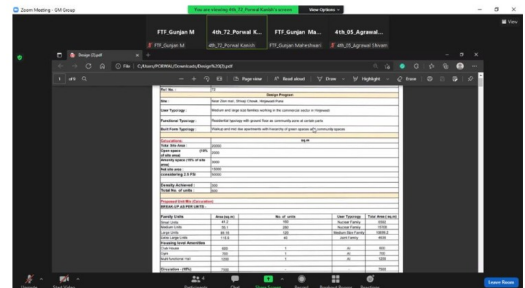
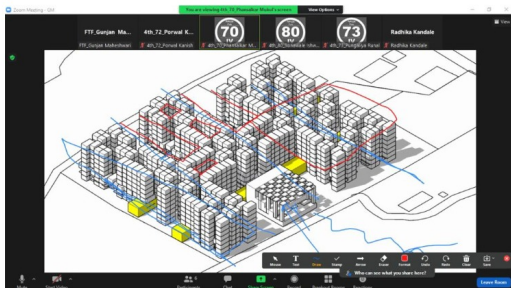
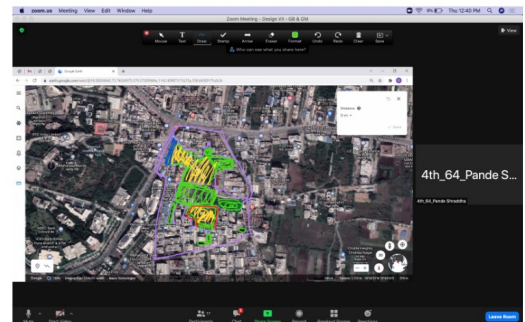
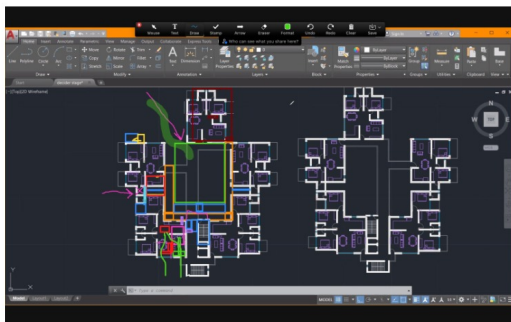


Figure 34 : Down to Earth - Online access for e-Journals

Individual Design Discussions (Sem VII)

Participative Learning, Problem Solving,

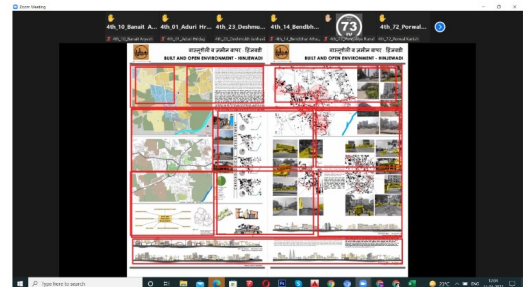
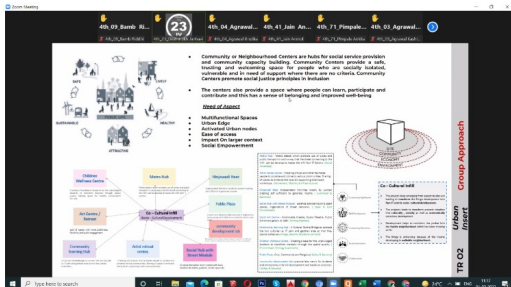
Class: IV year B.Arch	Subject: Design VII	Date: 15/06/2021 - 18/11/2021
Teachers: Hrishikesh Ashtekar, Devendra Deshpande, Garima Buragohain, Gunjan Maheshwari, Meenakshi Sarawgi		
List of ICT Resources: Zoom Meeting, Google Meet, Zoom Annotations, Microsoft White Board, Bamboo Paper, Google Classroom, Google Slides, Google Spreadsheets, MS Powerpoint, MS Excel, Google Earth & Google Maps, Autocad, Sketchup		
ICT links: https://www.archdaily.com/385093/centre-village-5468796-architecture https://www.archdaily.com/402339/social-housing-in-sa-pobla-by-ripolltizon-ripolltizon-arquitectos?ad_medium=mobile-widjet&ad_name=recommendation .		
Brief Report :		
Individual discussions in 1:20 (faculty:student ratio) were conducted for resolution of multi-family residential projects in the following stages. Site Selection, User Identification, Program Formulation, Design Approach, Preliminary Design, Design Development 3 Stages (interrelated scales - Neighbourhood, Site , Cluster & Unit). Pre Final Design stage and Final Design. The major deliverables for all the above stages were drawings (manual & digital), Physical Models and Digital Volumetric Explorations.		
Google Classroom Sample instruction - https://classroom.google.com/c/MzYxMjgzNjgxOTA1/a/NDEwNzY0MDg4MzU0/details ,		
Google Classroom Sample Submission - https://classroom.google.com/g/tg/MzYxMjgzNjgxOTA1/NDEwNzY0MDg4MzU0#u=MTI4MDkwOTMwMDIx&t=f		
Learning Outcomes :		
<ol style="list-style-type: none"> 1. Formulation of program for Multifamily Residential Development + identification of the user group 2. Develop design narrative & approach - Sustainability, affordability, low-cost construction, incrementality, site & services, explorations in construction technology & structural system etc. 3. Develop a Multifamily Residential Typology (builtform & functional) with interrelated scales - Neighbourhood, Site , Cluster & Unit; in response to physical determinants like, Density, Unit mix, Site & Built-Up calculations, Ground coverage, FSI, etc. and resolve Habitable & Service grids 4. Synthesis into a well resolved Multifamily Residential project. 		



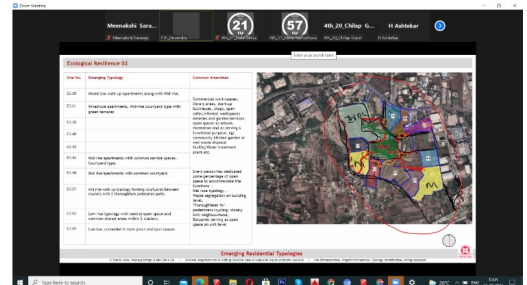
Group Discussions for reference study , approach to resilience and understanding the study area (Sem VIII)

Participative Learning, Collaborative learning,

Class: IV year B.Arch	Subject: Design VIII	Date: 04/01/2022 - 22/04/2022
Teachers: Hrishikesh Ashtekar, Devendra Deshpande, Garima Buragohain, Gunjan Maheshwari, Meenakshi Sarawgi		
List of ICT Resources: Zoom Meeting, Google Meet, Zoom Annotations, Google Classroom, Google Slides, Google Spreadsheets, MS Powerpoint, MS Excel, Google Earth & Google Maps, Autocad, Sketchup		
ICT links: Street Design Guidelines- https://nacto.org/publication/urban-street-design-guide/ , City Design- https://drive.google.com/drive/u/0/folders/1uYv1_tqy7LO_dVZc8MunltGqXOC51oDh		
Brief Report :		
Group discussions in 1:20 (faculty:student ratio) were conducted for urban insert projects in the following categories. Aspect Studies, Correlation with resilience matrix, Strategy plan & Design guidelines.		
The major deliverables for all the above stages were drawings (manual & digital)		
Learning Outcomes :		
<ol style="list-style-type: none"> 1. Identification of context specific and need based urban interventions based on the learnings from Aspect studies of study area & understandings from Idea of Resilience. 2. Developing Strategy Plan & Design guidelines for the area indicating location and networks / connections generated in the process of developing the interventions along with location of all proposed urban interventions as per groups approach. 3. Synthesis into well defined Strategy plan in a group 		



Identified zones	Zone profile	Current conditions Of Zone	Issues/ Concerns of selected zones	Point Of Interest In Each Zone	Potential design Proposals
ZONE 1	Mixed Civic in commercial residential area.	Commercial Zones, Estates, Educational and Accommodation	Commercial Zones, Educational, Recreational, Health, Welfare, Culture and Civic Amenities.	Commercial Zones, Civic Amenities, Well performing, Suburban.	Approach - Activating on east side Pharmacies - Sports facilities for elderly, Best use of existing spaces Market - Markets and Food courts Approach - Shopping complex connected to the main road Market - Residential space and Co-working facilities Approach - A large market place with open air and built up spaces for community activities Market - Activity street, shops and services Market - Cultural Community Park in close vicinity with recreational spaces Approach - Hotels Pharmacies - Promoting the health of nearby residents in proximity
ZONE 2	Public space in major road development.	Commercial Zones, Estates, Recreational, Educational and Accommodation	Commercial Zones, Civic Amenities, Well performing, Suburban.	Commercial Zones, Civic Amenities, Well performing, Suburban.	Approach - Activating on east side Pharmacies - Sports facilities for elderly, Best use of existing spaces Market - Markets and Food courts Approach - Shopping complex connected to the main road Market - Residential space and Co-working facilities Approach - A large market place with open air and built up spaces for community activities Market - Activity street, shops and services Market - Cultural Community Park in close vicinity with recreational spaces Approach - Hotels Pharmacies - Promoting the health of nearby residents in proximity
ZONE 3	Leisure type zone in surrounded by residential and institutional amenities.	Commercial zones, Educational, Recreational and medical Shop and clubs	Commercial, recreational spaces but they are not socially connected to civic in terms of recreation and communication.	Commercial, recreational spaces but they are not socially connected to civic in terms of recreation and communication.	Approach - Activating on east side Pharmacies - Sports facilities for elderly, Best use of existing spaces Market - Markets and Food courts Approach - Shopping complex connected to the main road Market - Residential space and Co-working facilities Approach - A large market place with open air and built up spaces for community activities Market - Activity street, shops and services Market - Cultural Community Park in close vicinity with recreational spaces Approach - Hotels Pharmacies - Promoting the health of nearby residents in proximity
ZONE 4	Formal Office, a transition to shop and major street and amenities.	Commercial zones, Educational, Recreational and medical Shop and clubs	Commercial, recreational spaces but they are not socially connected to civic in terms of recreation and communication.	Commercial, recreational spaces but they are not socially connected to civic in terms of recreation and communication.	Approach - Activating on east side Pharmacies - Sports facilities for elderly, Best use of existing spaces Market - Markets and Food courts Approach - Shopping complex connected to the main road Market - Residential space and Co-working facilities Approach - A large market place with open air and built up spaces for community activities Market - Activity street, shops and services Market - Cultural Community Park in close vicinity with recreational spaces Approach - Hotels Pharmacies - Promoting the health of nearby residents in proximity
ZONE 5	Shopping/Trade/Office area along with residential and institutional amenities.	Health care facilities (Shops and clubs)	Health care facilities (Shops and clubs)	Health care facilities (Shops and clubs)	Approach - Activating on east side Pharmacies - Sports facilities for elderly, Best use of existing spaces Market - Markets and Food courts Approach - Shopping complex connected to the main road Market - Residential space and Co-working facilities Approach - A large market place with open air and built up spaces for community activities Market - Activity street, shops and services Market - Cultural Community Park in close vicinity with recreational spaces Approach - Hotels Pharmacies - Promoting the health of nearby residents in proximity



Guest Lecture, Reviews, Jury, Workshops (Sem VII + Sem VIII)

Participative Learning, Collaborative learning, , ,

Class: IV B.Arch	Subject: Design VII and Design VIII	Date: 04/01/2022 - 22/04/2022
Teachers: Hrishikesh Ashtekar, Devendra Deshpande, Garima Buragohain, Gunjan Maheshwari, Meenakshi Sarawgi		
List of ICT Resources: Zoom Meeting, Google Meet, Zoom Annotations, Google Classroom, Google Slides, Google Spreadsheets, MS Powerpoint, MS Excel, Google Earth & Google Maps, Autocad, Sketchup, Google Sites		
ICT links:	https://drive.google.com/file/d/1zBxrFGb8SY8WLaeFGqr9nahPFUhb3IZi/view , https://sites.google.com/d/1Ap1Bmv1YpLQawNeJGxGR5VT5TMtjfODj/p/1AqHGGWQGSqtuF3nZwv9TFIVyOTfhm-XJ/edit	
Brief Report :		
<p>Guest Lectures, Reviews, Juries and Workshop are conducted as a part of the teaching-learning process in Design studios of “Urbanising Peripheries” a thematic studio to establish a better understanding and inclusive process.</p> <p>Guest Lectures conducted by visiting experts are generally embedded into a particular topic in the curriculum and conducted for shorter duration. Reviews and Juries are day-long processes which involve a higher degree of participation. The major workshop conducted in 4th yr B.Arch is the Urban Design Winter Workshop (UDWW) which is a mid-course interface in the public domain.</p>		
Learning Outcomes :		
<p>Guest Lectures- Guest Lectures give exposure and ensure interdisciplinary attitudes are developed in students.</p> <p>Reviews & Jury- Reviews and Jury with experts from various disciplines leads to a holistic approach in developing the structure plan and guidelines. Reviews of Individual Designs acts like a mid-course correction for Design resolutions.</p> <p>Urban Design Winter Workshop- Urban Design Winter Workshop is an integral part of ‘Urbanising Peripheries’- a research project undertaken by the faculty and students of 4th yr B.Arch of PVP College of Architecture, Pune which focuses on the central theme of creating ‘Livable neighbourhoods’. This is an aspect- based study of peripheries of Pune city conducted through public participation and exhibited in public domain for generating feedbacks to evolve a program for the yearlong Design studio. Students also prepared a Website for this workshop in the Academic Year 20-21 during the Covid 19 pandemic as a means of Virtual Interaction with public.</p>		

