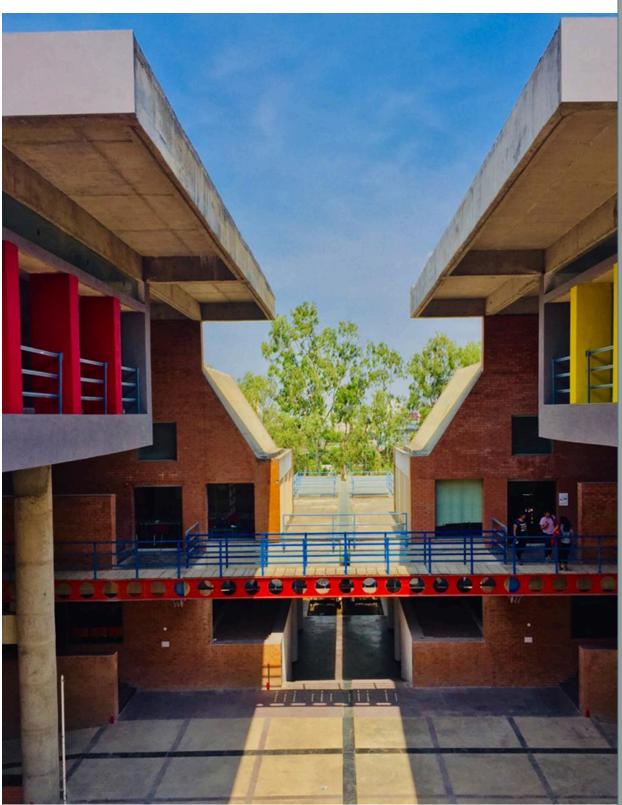
RESEARCH WORKSHOPS 2021-22



Names of Faculty: Dr. Vaidehi Lavand Ar. Ramiya Gopalakrishnan S.M.E.F.'S Brick School of ArchitecturE



Design of exercises to meet the teaching objectives:

The lecture inputs were designed for the students to comprehend the importance of research as an integral part of the architectural design process. The assignment explorations were planned to align with the course objective of introducing the students to various terminologies/ methods in Architectural Research and to enable them to prepare a research proposal.

Faculty Interpretation of the assignments:

Topic of Exploration	Submission Requirement	Date	
Literature Review	A4 sheet	09/03/2022	
Technical Writing	A4 sheet	06/04/2022	
Research Methodology Chart	A4 sheet	12/01/2022	
Research Title Finalization	A4 sheet	30/03/2022	

Literature review

- Aim of the exercise: To understand the process of literature review
- Designed for: Analytical learners, Visual and Auditory learners
- Method adopted and duration: Excel sheet format with matrix for literature review
- Expectations from Students: Analyzing various components of their chose research papers in the simple format give
- Format for Output: Excel sheet highlighted with review and their inferences converted to PDF
- Summary with basic observations: This helped students in understanding different research papers, questions explored, methods adopted, data collection and analysis done as well as how the researchers arrived at the conclusions.
- Examples of Good Work:





Resear	rch Paper Review										
12- Jiss	ella Maria										
No	Title	Author + Co-author & his/her background	Number of times it is cited	Reason for the topic	Literature review	Research Question	Methodology, Scope & Limitation	Findings / Expected Outcome	Significance of the research	Useful for my research	link of the paper
1	Study of urban shadows of Kasba Peth, Pune, India with respect to the urban dimensions and timeline study	Ar. Ninad Katdare (Architect and urban designer)		To understand the evolution of the Pune city	The paper tails about the urban dimensions that got chnaged with respect to the incidences making a significant change in the image of Pune. It taiks about Carl Jung's concept of shadows and relates it to the dimensional analysis.	Study the hidden characters and qualities of an area hidden in shadows for years	Gathering data through interviews and documentations	As rulers changed, changes happened in the area which led to changes in housing typologies.	Helps understand the importance of Pune's history and culture and the need to preserve it	Evolution of peth area s in pune	https://iccasa. com/PDFs/2021Conf nce%20ful%20bod% 20proceedings/2_5u nability%20and% 20Urban% 20Urban% 20Design/ICCAUA20 18_Katdare_Ninad.p
2	Energiang the Future with Memories of the Past: The Wades of Pune City	Shilpa Nagapurkar, Parag Narkhede, Vaseem anjum Sheriff		To understand the wada- house typology of Maharashtra	The paper table about the significance of wards and its dharacteristics-size, form, spatial organization, architectural features, etc. The wadas- the cultural lifestructure of the city, reflect the character and authenicity of the city and through conservation it can be showcased and a link can be established between the past and the future.	How can wadas be developed as nodes in developing Pune tity's culture infrastructure as well as hentage showcase?		The city needs to establish a strong connection between cultural heritage, torusim and present urban fabric which will not only form cultural locality but also promote urban economic development	Helps in designing spaces that are fuctional as well as climatic responsive like the wadas	Characteristics of wada houses	https://www.e3s- conferences. org/articles/e3sconf f/2020/30/e3sconf 2020_05006.pdf
3	Chronological development of Pune from 758-2014 AD	Nitin N. Mundhe and Ravindra G. Jaybhaye (Assistant Professor, Department of Geography, Sir Parashurambhau College, Pune; Professor, Department of Geography, Savkribai Phule Pune University, Pune)	2	To understand the evolution of the Pune city	The paper tails about the expansion of the city throughout history. About how urbanisation has contributed in the growth of the oty and has charged the face of Pune as a comopolitan oby.	Examine the process of urbanisation in Pune	Survey and statistical analysis	The recent rapid growth of the city triggered by the process of expansion of educational institutions and development of IT industry. It changed its face as a cosmopolitan city.	Helps understand the importance of Pune's history and culture and the need to preserve it	Understand the factors that led to the changes in areas	https://www.academ cdu/34882254/Chroi ogical Development f. Pune From 758.2 4. AD?auto=downloa
4	Hosuing typology of Pune (Case study- Nal Stop to Chandhi Chowk)	Ar. Ketki S Darp		To understand various housing systems in Pune that is traditional, planned and unplanned	Due to the urbanisation, new building typologies have apopered. The quality of life as well as the <i>Character</i> of the area is a well as the <i>Character</i> of the area of different building typologies.	How are the different typologies of houses are interconnected? How area slums and informal housing types dealt with?	Photographic documentation, questionnaire and survey method and statistical analysis	The buildings symbolize the adjustments made according to the land available, cost etc. And the change in the mindset of people. The area lacks place and provision for future planning in terms of parking, recreational spaces etc. No growth of development is taken into account. So the further development should take into account these provisions.	Identifying the problems will help people during further development or planning in the area	Connections between old and new building typologies	https://www.acaden edu/9734090/housir typology_of_pune
5	Kasba peth	Bhujel Nitu, Kandratsenka Nataliya, Li Xin, Perez Banda Emmanel Alejandro, Karlsen Kristina Stendal, Awusie Mathias, Smth Penelope Louise, Wefry Zwestin Gomgom		To understand the current situation of kasba peth	It is a detailed study of the kasba peth area- area understanding and infrastructure, connection to community, slum area, heretage. They have been able to identify various challenges faced by kasba peth residents.	Study about the current situation of kasba peth	Participatory learning and action (PLA)	The study has been able to identify the challenges faced by lasba peth-Sold waste management, unsafe buildings, lack of open space and loss of heritage	By identifying the challenges faced by kasba peth, it helps people assess the problems and provide better solutions.	Problems faced by people residing in kasba peth	https://www.ntnu. edu/documents/139 0/1519334/Report+ ±KasbatPeth. gdf/s004148b-7b2e 4913-a04c- 8e92e38ad2a8

Exploring Mendeley Reference Manager

- Aim of the exercise: To familiarize students with the functionalities and benefits of Mendeley Reference Manager specifically tailored for research in architecture.
- Designed for: Analytical learners, Visual and Auditory learners
- Method adopted and duration: Installing Mendeley Reference Manager, Mendeley Cite and Web Importer, exploring it to manage and insert references and create a database.
- Expectations from Students: Using the Mendeley Reference Manager to insert references/ bibliography of 10 papers relevant to their own research question.
- Format for Output: Word document with references/ bibliography inserted, consisting of 10 papers relevant to their own research question.
- Summary with basic observations: This helped students in understanding the comprehensive use of Mendeley Reference Manager, emphasizing its role in managing and citing research sources. Students gained practical skills such as importing references, organizing libraries, and generating citations and bibliographies in the context of architectural research.



Third year Research in Architecture Year 2021-22

SMEF'S Brick School of Architecture Pune

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4. Wright, K. (2007, 28 februari). Architecture demonstrates power. Institutional Scholarship. Geraadpleegd op 23 maart 2022, van https://scholarship.tricolib.brynmawr.edu/handle/10066/714

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Research Methodology Design

- Aim of the exercise: To come up with own chart of research methodology design
- Designed for: Analytical learners, Visual and Auditory learners
- Method adopted and duration: PPT and case study of faculty's own methodology design
- Expectations from Students: Design own methodology flowchart
- Format for Output: PPT presentation, Print submission
- Summary with basic observations: Intense discussion and thoughts were put forth, finalizing flow chart to specific topics
- RAWAL Y12 WHAT IS REFUGEE AND HEER REFUGEE CAMP? INTERVIEWS PHENOMENOLOGY CASE STUDY RESEARCH METHODOLOGY LANGUAGE, NORMS, AND VALUES, HIERARCHY COMMUNITY AND OCCUPATION, RITUALS, AND CONTEXT HAS SIMILAR SURROUNDING SETTLEMENT BELIEFS & TRADITIONS DIFFERENT DATA COLLECTION DATA COLLECTION STUDIES BASED ON OBSERVATIONS PHOTOGRAPHS DIFFERENT SCENARIOS, DOCUMENTATION CASE STUDY PROCESSING AND FINDING DOCUMENTARY AND CHARACTER ARCHITECTURE OF, FOR, AND BY THE REFUGEES METHODOLOGY
- Example of a good work:





	RIA I _ 2021-22 Faculty - Dr. Vaidehi Lavand, Ar. Ramiya Gopalakrishnan					
Third Year						
Sr No	Student Name	Sr No	Student Name			
1	Shreya Bhide	1	Keshav Agrawal			
2	Siddhi Birari	2	Shruti Agrawal			
3	Digvijay Beldar	3	Srishti Agarwal			
4	Sejal Bora	4	Tanishq Andhale			
5	Tanvi Chavan	5	Stuti Bhagwat			
6	Kunal Chougule	6	Aditya Bhintade			
7	Swaraj Deshmukh	7	Smrudhi Bhalerao			
8	Bhumika Gaike	8	Radhey Bhutada			
9	Shivani Gautam	9	Vishal Dayani			
10	Tanmay Ghadge	10	Aditi Dhamankar			
11	Tanmay Godha	11	Vaishanvi Elekar			
12	Omkar Godse	12	Ashutosh Gaware			
13	Shail Gupta	13	Chetan Gosavi			
14	Lalit Hinge	14	Harshal Gupta			
15	Shambhuraje Jadhavrao	15	Vaishnavi Hire			
16	Anushka Jadhav	16	Vaishnawi Hunachagi			
17	Ashiti Jadhav	17	Anket Jain			
18	Yash Jaiswal	18	Shrutika Jaju			
19	Aashritha Jaladi	19	Siddharth Kadam			
20	Ram Kale	20	Om Kadam			
21	Komal Kondalkar	21	Shruti Khandelwal			
22	Smita Limaye	22	Pushkar Khanorkar			
23	Khushi Lothe	23	Shivani Kotkar			
24	Mahek Longani	24	Sanjana Kotecha			
25	Ganesh Mane	25	Riya Manwatkar			



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27	Pratik Mour	27	Aashay Mulate
28	Harshul Oswal	28	Sireesha Mutnuri
29	Sai Pawar	29	Vaishnavi Pawar
30	Kadambari Patil	30	Vanshika Parikh
31	Kushal Patil	31	Ruchita Phulkar
32	Neha Patil	32	Swaraj Pokale
33	Sandeep Patidar	33	Akshita Rathi
34	Saloni Rabara	34	Saurabh Sahane
35	Heer Raval	35	Akshita Sathe
36	Karishma Rawool	36	Dhanashri Shinde
37	Parth Sable	37	Simran Sond
38	Ayushi Sanghvi	38	Aakash Sontakke
39	Vaishnavi Shirsat	39	Tanya Tak
40	Aman Shaikh	40	Zareen Tamboli
41	Ushma Shah	41	Atharva Vankade
42	Atharva Shinde	42	Vaishnav Vinod



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