

# RESEARCH AND INNOVATION

## Allana College of Architecture Website

Architecture and Design academics focusses on primarily Application-based Research and Innovation through in-depth study for contribution via knowledge, investigation, scrutiny, exploration, experimentation, solution, proposal, design, creation, innovation, invention to the architecture and design profession, construction industry and society in general. It aims to train students to methodically research an issue to find creative solutions with respect to changing technologies, socio-economic and cultural and contextual changes.

For developing a research environment for under-graduate and post-graduate Students and Teachers, College has established industry connect with experts and resources from Architecture /Construction /Project Management /Research Firms, Organizations and Institutions for Design, Research & Development, Experimentation, Projects, Data Collection, Technical Knowledge, Soft Skills, Presentation, Software Application, Site-Visit, Practical Training, Industry Interactions & Exposure.

Students and Teachers are encouraged to attend and participate in Training programs, Seminars /Webinars, Conferences, Symposia, Competitions, Workshops to update and upgrade themselves. College organizes National Conference on Empirical Theories (NCET) to encourage presentation and publication of the research work and encourage research environment.

The Research areas are including but not limited to Architecture, Design, Urban Planning, Urban Design, Conservation, Heritage Management, Sustainable Architecture, Environmental Management, Project Management, Entrepreneurship, Construction Management, Architectural Education, Professional Mentoring, Construction Technologies, Technical Skills /Tools, Artificial Intelligence, etc.

### List of Students' Publications:

No.	Author	Class	Year of Publication	Title	Journal/Conference Name
1	Darshan Jain (5th Year B.Arch.)Ar. Shilpa Dhawale	B.Arch	28th Feb-2020	Nature of Modern Life Around Transit Hubs	National Conference organized by D. Y. Patil School of Architecture
2	Alafiya Talib (3rd Year B.Arch.)	B.Arch	7th & 8th Aug-2020	Metabolism in Architecture, Development of a Sustainable & Resilient Society	NCET-2020 National e-Conference on Empirical Theories in Architecture, Planning and Construction Management
3	Rohit Kataria (5th Year B.Arch.)	B.Arch	7th & 8th Aug-2020	Subterranean Architecture, A Step Towards Livable Compact Cities in India	NCET-2020 National e-Conference on Empirical Theories in Architecture, Planning and Construction Management
4	Pankaj Nandargikar (3rd Year B.Arch.)	B.Arch	7th & 8th Aug-2020		NCET-2020 National e-Conference on Empirical Theories in Architecture Planning and Construction Management

5	Alefiya Talib (5th B. Arch.) Ar. Shilpa Dhawale	B.Arch	7th & 8th May-2021	The Surreal Beauty of Architecture - Appraising the Ideologies and Notions of Antoni Guadi by Traversing Through his Masterpieces	National Students' Conference MASA held by DY Patil of Architecture
6	Gazala Tamboli (2nd Year M.Arch)	M.Arch	7th & 8th Aug-2020	Analysis of Intelligent Lighting System in Washrooms in Commercial Malls:case studies:Amanora mall & Seasons mall in Hadapsar, Pune	NCTE-2020 National e-Conference on Empirical Theories in Architecture Planning and Construction Management
7	Daksha Deshmukh (2nd Year M.Arch.)	M.Arch	7th & 8th Aug-2020	Documentation on Management of Accomodation Facility for Pilgrims of Kumbhmela 2015 at Nasik	NCTE-2020 National e-Conference on Empirical Theories in Architecture Planning and Construction Management
8	Manisha Patil (2nd Year M.Arch.)	M.Arch	7th & 8th Aug-2020	Impact of Usage of Bathroom Pods in High Rise Or Mass Residential Housing Projects review & evalution of bathroom construction systems in contemporary India	NCET-2020 National e-Conference on Empirical Theories in Architecture, Planning and Construction Management
9	Radhika Bhattad (2nd Year M.Arch.)	M.Arch	7th & 8th Aug-2020	A Review of Conventional Rigid & Flexible Paving Materials for Sustainable Urban Road Construction at Nashik, Maharashtra, India	NCET-2020 National e-Conference on Empirical Theories in Architecture, Planning and Construction Management
10	Shubham Chauhan (2nd Year M.Arch.)	M.Arch	7th & 8th Aug-2020	Current Scenario of Construction Workers in Pune (PMC Limits)	NCET-2020 National e-Conference on Empirical Theories in Architecture, Planning and Construction Management
11	Neha Hiremath (2nd Year M.Arch.)Prachi Aiyer	M.Arch	7th & 8th Aug-2020	Feasibility of Including Water Recycle Plant- A Case Study for an Existing Residential Projects at Solapur	NCTE-2020 National e-Conference on Empirical Theories in Architecture Planning and Construction Management
12	Ketaki Deshpande (1st Year M.Arch.)	M.Arch	7th & 8th Aug-2020	Sustainable Practices in Construction Management	NCET-2020 National e-Conference on Empirical Theories in Architecture, Planning and Construction Management
13	Nandita Shah (2nd Year M.Arch.)	M.Arch	25th & 26th March 2021	Aspects of Heritage Management Proposal for M.L.G. Highschool Building in Kolhapur, Maharashtra	SPARK 2021 by SCSOA Coiminator

14	Nandita Shah (2nd Year M.Arch.) Naziya Mistry	M.Arch	7th & 8th May 2021	Aspects of Heritage Management Proposal for M.L.G. Highschool Building in Kolhapur, Maharashtra	Research in Architecture 2021 by DYPSOA, Pune
15	Mamta Wani (2nd Year M.Arch.), Aiyer Prachi	M.Arch	12th & 13th March 2021	Noise Pollution due to Construction Activities	Between the Lines 2021 by SoA, REVA University, Bangaluru
16	Mamta Wani (2nd Year M.Arch.), Aiyer Prachi	M.Arch	7th & 8th May 2021	Noise Pollution due to Construction Activities	National Students Conference Research in Architecture 2021
17	Ashish Agrahari (2nd Year M.Arch.) Gayatri Patil	M.Arch	25th & 26th March 2021	Integration of BIM & VR Technology in Construction Management	SPARK 2021 by SCSOA Coimbatore
18	Rameej Atar (2nd Year M.Arch.)	M.Arch	25th & 26th March 2021	Identification of Delays in Construction Projects of Automobile Industries (Press shops) in MIDC Areas : Case Study	SPARK 2021 by SCSOA Coimbatore
19	Sneha Chavan (2nd Year M.Arch), Siamwala Zoher	M.Arch	7th & 8th May 2021	Assessment of Prefabricated Prefinished Volumetric Construction System for Micro Housing in Hinjewadi, Pune w.r.t. Time and Cost Management	Research in Architecture 2021 by DYPSOA, Pune
20	Rohan Sandeep Shah (B.Arch.)	B.Arch	2019	ISRO-Space Centre: Shriharikota Andhra Pradesh	Archiving Architectural Thesis 2016
21	Huzefa Chalisa (B.Arch.)	B.Arch	2019	Regeneration of Bhorletaar Village: Nuwakot, Nepal	Archiving Architectural Thesis 2016
22	Ruqayyah Siamwala Zoher, Pankaj Mandapur, Alafiya Talib, Lulua Nazir, Madeeha Shaikh, Omkar Salkar, Avita Noronha & Tanvi Kulkarni	B.Arch	2021	Joshi Wada : Colonia Architecture	Heritage Awards of Excellence in Documentation of Unprotected Heritage-2018
23	<b>Deepti</b> Deepak Pardeshi	M.Arch	7th-8th Aug 2020	Review On Just-in-time Technique For Material Management In Construction Industry	National Conference on Empirical Theories in Architecture, Planning & Construction Management NCET-2020

24	<b>Rajashri</b> Sandeep Halgane	M.Arch	7th-8th Aug 2020	Reviewing The RERA Clauses To Study The Impact On RERA Registered Project With Respect To Timeline Housing Projects Located On The Outskirt Areas Of Pune Region	National Conference on Empirical Theories in Architecture, Planning & Construction Management NCET-2020
25	<b>Shubhra</b> Pathak	M.Arch	7th-8th Aug 2020	Planning Of Warehouse With Respect To Today's Requirement Of Market	National Conference on Empirical Theories in Architecture, Planning & Construction Management NCET-2020
26	Ketaki Deshpande (1st Year M.Arch.)	M.Arch	25th-26th March 2021	Impact of Instructure on Efficiency and Functioning of College of Architecture	International Conference on Architecture & Beyond (ICAB 2021), SPARK-2021
27	Ketaki Deshpane, Siamwala Zoher	M.Arch	7th-8th May 2021	Place Making: A Project Management Tool For Developing Inclusive Student Communities	National Students Conference Research in Architecture 2021
28	Bhide Swati, Romeiro Silveira	M.Arch	7th-8th May 2021	Exploring Reasons of Load Bearing Construction Technology for Bungalow Structures Being Phased Out From Prevalent Construction Practices	National Students Conference Research in Architecture 2021
29	Kanitkar Swapnil Prashant, Siamwala Zoher	M.Arch	7th-8th May 2021	Facilities Management of Interior Spaces in It Companies (Locker management system)	National Students Conference Research in Architecture 2021
30	Bhutada Govind Shashikant, Mahajan Gayatri	M.Arch	7th-8th May 2021	Drone technology in Construction Project Management	National Students Conference Research in Architecture 2021
31	Patel Gauri Rasik, Mistry Naziya	M.Arch	7th-8th May 2021	Risk Analysis and Risk Management in Residential Construction Projects	National Students Conference Research in Architecture 2021
32	Thosar Neha Subhau, Aiyer Prachi	M.Arch	7th-8th May 2021	Post Disaster Site Management	National Students Conference Research in Architecture 2021
33	Sarang Varun Nandakumar, Sane Aniruddha	M.Arch	7th-8th May 2021	Precast Concrete Construction technology for CIDCO Housing in Navi Mumbai	National Students Conference Research in Architecture 2021
34	Rasane Bhushan Vinod, Sane Aniruddha	M.Arch	2nd - 3rd July 2021	Risk Management During Construction of Residential Buildings in Congested Areas (Peth Region) Of Pune	National Conference on "Practice: Engrossed Paradigm towards Architectural Research"

35	Joshi Kamala Ranganath, Silveira Romeiro	M.Arch	7th-8th May 2021	Theoretical Review of a "Health-Wellbeing-Green" Approach In Design And Construction Practice for a Pandemic Resilient Office Interior Fit Out	National Students Conference Research in Architecture 2021
36	Phirke Mamta Pandurang, Aiyer Prachi	M.Arch	2nd - 3rd July 2021	Control Measures for Construction Noise Pollution	National Conference on "Practice: Engrossed Paradigm towards Architectural Research"
37	Chouhan Sameer Shakeel, Silveira Romeiro	M.Arch	7th-8th May 2021	Effective Communication in Construction Industry	National Students Conference Research in Architecture 2021
38	Mulani Jameer	M.Arch	May 2021	THE SCHEDULING TOOLS AND METHODS IN CONSTRUCTION INDUSTRY: AN OVERVIEW	
39	Alefiya Talib (5th B. Arch.), Siamwala Zoher	M.Arch	12th & 13th April 2022	Impact on construction activities of residential projects in Pune due to lack of labor in a pandemic situation	International Students Conference Research in Architecture 2022
40	Chitali Niranjan Patil, Mahajan Gayatri	M.Arch	12th-13th April 2022	Promoting Low Voc Emitting Materials In Interiors Of The Building	International Students Conference Research in Architecture 2022
41	Kapadia Farhana Tofik, Mistry Naziya	M.Arch	Jun-22	Study of dwellings in Bohra settlement at Ranala	International Students Conference Research in Architecture 2022
42	Kamat Ketaki Mohan, Pawar Tejaswini	M.Arch	Jun-22	DERIVING BUILDING REPAIRS METHODOLOGY IN WATERPROOFING FOR EXISTING TRADITIONAL HOUSES IN KOKAN	
43	Suryavanshi Kuldeep Siamwala Zoher	M.Arch	Apr-22	Study & analysis of cost effective alternative construction systems	The 4th Ed. National Students Conf. Research in Architecture 2022, Int. Jr. of Engineering Research Vol No 11 Special Issue No 1
44	Chaudhari Prajakta Siamwala Zoher	M.Arch	Apr-22	Risk management in infrastructure projects- Pune Metro case study	The 4th Ed Nat Students Conf. Research in Architecture 2022, Int. Jr. of Engineering Research Vol No. 11 Special Issue No. 1
45	Zambre Pranita Mistry Naziya	M.Arch	Jun-22	Parameters of heritage management plan for Khandoba temple at Jejuri	Int Jr of Innovative Science, Engineering & technology
46	Nahar Pushkar Aiyer Prachi	M.Arch	Apr-22	Causes & effects of delay in industrial construction projects in Pune region	The 4th Ed Nat Students Conf. Research in Architecture 2022, Int. Jr. of Engineering Research

					Vol No. 11 Special Issue No. 1
47	Shinde Rohit Mahajan Gayatri	M.Arch	Apr-22	Bamboo as sustainable construction building material	Int, Jr of Innovative Science, Engineering & Technology, Vol 9 Issue 4
48	Shah Batool Silveira Romeiro	M.Arch	Jun-22	Assessment of factors causing impacts on curtain wall façade construction process concerning time cost & quality	Int, Jr of Innovative Science, Engineering & Technology, Vol 9 Issue 4
49	Shah Sunny Aiyer Prachi	M.Arch	Apr-22	Study of different façade & roofing systems for automobile industry Pune city	The 4th Nat students Conf Research in Architecture 2022, Int Jr of Engineering Research Vol No 11 Special Issue No 1
50	Shaikh Nahid Silveira Romeiro	M.Arch	Apr-22	Prequalification guidelines in tendering from 25000 sq ft 1,00,000sq ft engineering Industrial Projects, Pune	Int Jr of Innovative Science, Engineering & technology, Vol No 9 Issue 4
51	Darkunde Saurabh Shriram Siamwala Zoher	M.Arch	Jul-23	Analysis of recruitment of staff with respect to infrastructure for construction project management offices	Int Conf. Proceedings-Architecture/Planning-education, Research & Profession: Past, Present & Future
52	Chaudhari Jayant Aiyer Prachi	M.Arch	Jul-23	Identifying challenges in setting up of a camp for defence personnets in high altitude areas of Jammu & Kashmir region for the prupose of efficient management during construction execution	Int Conf. Proceedings-Architecture/Planning-education, Research & Profession: Past, Present & Future
53	Bambori Hitesh Mistry Naziya	M.Arch	Jul-23	Understanding risk management w.r.t. time & const factors in mixed-use construction projects in Pune	Int Conf. Proceedings-Architecture/Planning-education, Research & Profession: Past, Present & Future
54	Chaudhary Jayant	M.Arch	Jan-23	Heritage conservation of forts in India	Souvenir 2023 Constro International Expo 17th series 2023
55	Lugade Prajakta	M.Arch	Jan-23	Smart city	Souvenir 2023 Constro International Expo 17th series 2023
56	Bhandari Rakhi Sunil, Aiyer Prachi	M.Arch	May-22	Shipping containers in substitute of conventional construction method at Pune of accommodation	IJSET: Inte Jr of Innovative science, engineering & Technology
57	Shaikh Anjum Dilawar, Aiyer	M.Arch	May-23	Risks & challenges in self redevelopment projects	TIJER: Technix International Jr, for Engineering Research

	Prachi, Mahajan Gayatri				
58	Soni, Shreyash Laxmikant, Silveira Romeiro, Pawar Tejaswini	M.Arch	Jul-23	Identifying the root causes of effective waste management to reduce waste to landfill	TIJER:Technix International Jr, for Engineering Research
59	Kale Rutuja Dattatray	M.Arch	Dec-24	Restoration management of Gupteshwar temple at Dharasur	TIJER:Technix International Jr, for Engineering Research
60	Apte Kaiwalya Manohar, Aiyer Prachi	M.Arch	May2023-24	Identifying suitable construction technology for redevelopment project in the deccan area of Pune: a comparative analysis	IJSET:Inte Jr of Innovative science, engineering & Technology
61	Fulsundar Akansha Ashok, Silveira Romeiro	M.Arch	Jun-24	Effective project management strategies so as to optimize timely completion of interior for reliance trends	IJSET:Inte Jr of Innovative science, engineering & Technology
62	Vaze Hrishikesh Girish, Siamwala Zoher	M.Arch	Jul-24	Formulation of payment framework for design & build of bungalows in Pune District	IJSET:Inte Jr of Innovative science, engineering & Technology
63	Diptii Sameer Bapat	M.Arch	7th-8th Aug 2020	Soil And Plantation Management For Landscaping Of Residential Projects In And Around Pune (Site Area 10 - 40 Acre)	e-Proceedings of the National e-Conference on Empirical Theories NCET-2020
64	Alefiya Aliasgar Poonawala, Siamwala Zoher		12th-13th April 2022	Impact on construction activities of residential projects in Pune due to lack of labor in a pandemic situation	The 4th Edition International Students Conference Research in Architecture 2022; IJER: International Journal of Engineering Research, Volume No.11 Special Issue No.1
65	Chaitali Niranjan Patil, Mahajan Gayatri	M.Arch	May 2022	Promoting Low Voc Emitting Materials In Interiors Of The Building	IJRAR: International Journal of Research and Analytical Reviews, Volume 9 Issue 2
66	ASHWINI MACHINDRA GHOLAP, Aiyer Prachi	Year-2, 2022-23		Evaluating the Feasibility and Cost-Effectiveness of Industrial Steel Structure Relocation: A Case Study of Sugar Factory Reassembly in Maharashtra	IJSET: International Journal of Innovative Science, Engineering and Technology, Volume 12 Issue 5
67	UBALE ABHINANDAN RAMCHANDRA, Aiyer Prachi	Year-2, 2023-24		Material Storage Planning as A Part of Site Management at High	IJSET: International Journal of Innovative Science, Engineering and Technology, Volume 12 Issue 5

				Rise Residential Building Sites	
68	MENDHE PRANAVKUMAR KISHANKUMAR, Aiyer Prachi	Year-2, 2023-24		Assessment Of Construction Management Strategies for Destination Venues in Rural Areas: A Case of Beed	IJSET: International Journal of Innovative Science, Engineering and Technology, Volume 12 Issue 6
69	TEJASWINI BABASAHEB GHOLAP, Aiyer Prachi	Year-2, 2022-23		Impact of Progressive Construction and Extension of School Buildings on School Activities and Users	IJSET: International Journal of Innovative Science, Engineering and Technology, Volume 12 Issue 5
70	AGRAWAL TANIYA RAVI, Silveiro Romeiro	Year-2, 2024-25		Project Management Approach for Sustainable Interior Finishes in Private Day School Buildings in Pune	MIT University's ABHIVRUDDHI Journal, Issue ???
71	AGRAWAL TANIYA RAVI, Silveiro Romeiro	Year-2, 2024-25		Integrating Sustainability in Interior Retrofitting for Private Day School in Perspective with Project Management: A framework for Pune	IJRASET: International Journal for Research in Applied Science & Engineering Technology, Volume 13, issue V
72	CHOURE SAMIKSHA RAMESH, Mistry Naziya	Year-2, 2024-25		Understanding heritage potential and management of streetscape w.r.t. occupational lanes of Saswad	MIT University's ABHIVRUDDHI Journal, Issue ???
73	GHEGADE RUTUJA SHANTILAL, Bapat Dipti	Year-2, 2024-25		ECOLOGICAL AND COST-FRIENDLY STRATEGIES FOR KHARE MALA NALA STRETCH AT SHIRUR BY IMPLEMENTATION OF BIOSWALE	IJIRT: International Journal of Innovative Research in Technology, Volume 11 Issue 11
74	GHODKE PRATIK JAYANT, Mistry Naziya	Year-2, 2024-25		Heritage management of stepwells in Maharashtra	MIT University's ABHIVRUDDHI Journal, Issue ???
75	JADHAV AJINKYA JAGDISH, Silveira Romeiro	Year-2, 2024-25		Projected Increase in Population Density Due to Redevelopment and Its Impact on Urban Infrastructure in Pune	IJSET: International Journal of Innovative Science, Engineering and Technology, Volume 12 Issue 4
76	KHARAT SURAJ BHAGWAN, Aiyer Prachi	Year-2, 2024-25		MARKET COST OF JAMBHA STONE BASED ON SUPPLY CHAIN IN SINDHUDURG	IJSET: International Journal of Innovative Science, Engineering and Technology, Volume 12 Issue 6
77	MOHITE SHIVANI GOKULNATH, Mistry Naziya	Year-2, 2024-25		Heritage Management for Wadas located in core area of Saswad	IJIRT: International Journal of Innovative Research in Technology, Volume 11 Issue 12

				region of Pune district of Maharashtra	
78	MOHITE TUSHAR PRADEEP, Silveira	Year-2, 2024-25		Pre-requisite requirement for Housing Society to Undergo Redevelopment in Non-Congested Zone of Pune City	IJSET: International Journal of Innovative Science, Engineering and Technology, Volume 12 Issue 6
79	SALUNKE SIDDHARTH GANESH, Kanitkar Swapnil	Year-2, 2024-25		Infrastructure Management for water & waste of landslide disaster affected rural areas of Maharashtra	IJSET: International Journal of Innovative Science, Engineering and Technology, Volume 12 Issue 5
80	SHAIKH TARABKHANAM AZHERUDDIN, Aiyer Prachi	Year-2, 2024-25		Building Automation Systems for Commercial Campus – IT Sector in Pune, Maharashtra, India	IJSET: International Journal of Innovative Science, Engineering and Technology, Volume 12 Issue 6
81	TOL KHADIJA MURAD, Siamwala Zoher	Year-2, 2024-25		Conceptual Framework for Sustainable Refurbishment of Urban Educational Campus using a Sustainability Assessment Tool	IJSET: International Journal of Innovative Science, Engineering and Technology, Volume 12 Issue 5

### List of Staff Publications:

No	Author	Year of Publication	Title	Journal /Conference Name
1	Ar. Aiyer Prachi	Dec-16	The Emerging Dilemma of Architecture Students-Practice or Job	Jouranal of Council of Architecture (Architecture : Education & Profession Spring 2014)
2	Ar. Dhawale Shilpa	12th & 13th Feb 2016	Bhor: A Heritage Town Reclaiming the Lost Heritage	National Conference on Emeging Trends in Architecture, Technology and Allied Fields 2016
3	Ar. Patil Namrata	12th & 13th Feb 2016	Water Consumption in Construction	National Conference on Emeging Trends in Architecture, Technology and Allied Fields 2016
4	Ar. Dhawale Shilpa	24 <sup>th</sup> and 25 <sup>th</sup> Jan 2017	Balapur- A Heritage Town, Creating Awareness for Heritage Conservation	National conference 'Smart Cities: Approaches, Opportunities and Challenges(NCSC- 2017)at Sinhgad College of Architecture, Pune
5	Ar. Patil Gayatri	24th and 25th January 2017	Revisit to Concept, dimension, architectural Education & technologies of Smart City	National conference 'Smart Cities: Approaches, Opportunities and Challenges(NCSC- 2017)at Sinhgad College of Architecture, Pune
6	Ar. Dhawale Shilpa	11 th and 12 th January 2018	Necessity of Heritage Regulations and Awareness in Historical Urban Areas	National Level Conference on Emerging trends in Architecture and Technology 2018 organized by MIT School of Architecture, Loni Kalbhor, Pune

7	Ar. Mistry Naziya	23 <sup>rd</sup> & 24 <sup>th</sup> Nov 2018	Heritage Management of Sajjangad w.r.t. time analysis	ICCRIIP-2018 By NICMAR Journal 3 <sup>rd</sup> International Conference on Construction, Real Estate, Infrastructure and Project (CRIP) Management 2018 NICMAR, at Pune
8	Ar. Patil Gayatri	23 <sup>rd</sup> & 24 <sup>th</sup> Nov 2018	Recent Aspects in Digitalization of Construction Industry,Pune	NICMAR –ICCRIIP 2018, 3 <sup>rd</sup> International Conference on Construction, Real Estate, Infrastructure & Project Management
9	Ar. Sane Mrinalini	2018	Timeless Glory of India	Journal of Indian Institute of Architects
10	Ar. Dhawale Shilpa	24th and 25th February 2019	The Study of Decorative Woodwork in Maratha Architecture and its Conservation Practices	NCBWT-2019 , National Conference On Building with Time organized by DY Patil School of Architecture, Ambi, Pune
11	Ar. Dhawale Shilpa as a guide/co-author	1 <sup>st</sup> and 2 <sup>nd</sup> March 2019	Streetscapes Designing because people matter	at MASA, STUDENT Conference on research in Architecture, organized by DY PATIL college CHAROLI
12	Ar. Patil Gayatri	31st March 2019	Applications of Artificial Intelligence in Construction Management	International Journal of Research in Engineering, IT and Social Sciences (IJREISS)
13	Ar. Aiyer Prachi	26th Sept – 28th Sept. 2019	How Should Growing Cities Grow?	International Conference on Revisiting Sir Patrick Geddes 2019, at IPS Academy School of Architecture, Indore
14	Ar. Mistry Naziya	12 <sup>th</sup> December 2019	Heritage Management of Vishalgad	ICCRIIP-2019 by NICMAR & Journal
15	Ar. Patil Gayatri	13 <sup>th</sup> & 14 <sup>th</sup> December 2019	A scoping Review on Cloud Computing Applications in Construction Management	NICMAR ICCRIIP 2019, 4 <sup>th</sup> International Conference on Construction, Real Estate, Infrastructure & Project Management
16	Ar. Dhawale Shilpa	31st January to 2nd Feb. 2020	Visual Pollution of Heritage Precincts In Urban Areas	International conference titled conservation of Architectural Heritage (CAH) 4th Edition, held in Egypt
17	Ar. Patil Gayatri	12th & 13th March 2020	Better Understanding the Role of Machine Learning Technology in Construction Industry	ACE-2020-142 International Conference on Architecture and Civil Engineering 2020, Kuala Lumpur, Malaysia
18	Ar. Bapat Dipti	7th – 8th Aug. 2020	Soil And Plantation Management For Landscaping Of Residential Projects In And Around Pune (Site Area 10 - 40 Acre)	NCET-2020 National e- Conference on Empirical Theories in Architecture, Planning and Construction Management
19	Ar. Salvi Rina	7th – 8th Aug. 2020	Closing The Loop Integrating Waste Management Systems In The Open Space Design With Focus On Urban Slums	NCET-2020 National e- Conference on Empirical Theories in Architecture, Planning and Construction Management

20	Ar. Mistry Naziya & Ar. Das Somdatta	7th – 8th Aug. 2020	Preserving The Hari Mandir Of The Prarthana Samaj At Pune	NCET-2020 National e- Conference on Empirical Theories in Architecture, Planning and Construction Management
21	Ar. Renuse Gautami	7th – 8th Aug. 2020	Intangibility Through The Tangibles	NCET-2020 National e- Conference on Empirical Theories in Architecture, Planning and Construction Management
22	Ar. Katariya Atul	7th – 8th Aug. 2020	Execution Particulars Of Construction Of A Privately Owned Jain Temple Documentation Of Small Scale Temple Construction at Pune	NCET-2020 National e- Conference on Empirical Theories in Architecture, Planning and Construction Management
23	Ar. Mahajan (Patil) Gayatri	7th – 8th Aug. 2020	Role And Implementation Of Blockchain Technology In Construction Industry	NCET-2020 National e- Conference on Empirical Theories in Architecture, Planning and Construction Management
24	Ar. Sequeira Shweta	7th – 8th Aug. 2020	Lean Construction - The New Approach To Non- material Waste Minimisation In Capital Construction Projects - A Project Management Perspective	NCET-2020 National e- Conference on Empirical Theories in Architecture, Planning and Construction Management
25	Ar. Bhosale Sneha	7th – 8th Aug. 2020	Natural Fiber Composites, Its Usage And Comprehensive Study Case Study On Bamboo And Jute, Analysis Of Material And Its Applications	NCET-2020 National e- Conference on Empirical Theories in Architecture, Planning and Construction Management
26	Ar. Desai Vinish	7th – 8th Aug. 2020	A Critical Examination Of Role Of Engineering In The Context Of Architectural Education Qualitative Understanding Of Engineering Through Integration With Other Subjects	NCET-2020 National e- Conference on Empirical Theories in Architecture, Planning and Construction Management
27	Kakandikar Mohammed Iliyasa & Mohol Manisha Sanjay	7th – 8th Aug. 2020	Information Seeking Behaviour Of Allana College Of Architecture Faculty (Pune): A Case Study	NCET-2020 National e- Conference on Empirical Theories in Architecture, Planning and Construction Management
28	Ar. Sane Aniruddha A.	7th – 8th Aug. 2020	Pre-construction Considerations In Design Of Dairy plants [For Medium Size (150 Klpd) Dairy Plants In Processed Branded Milk & By-products]	NCET-2020 National e- Conference on Empirical Theories in Architecture, Planning and Construction Management
29	Ar. Menezes Fiona	7th – 8th Aug. 2020	New Beginnings Architectural Interventions Towards The Revival Of Arts And Crafts In Ajrakhpur, Bhuj	NCET-2020 National e- Conference on Empirical Theories in Architecture, Planning and Construction Management
30	Ar. Sane Mrinalini	7th – 8th Aug. 2020	Delay Causes And Control Strategies For Effective Construction Management For Residential And Commercial	NCET-2020 National e- Conference on Empirical Theories in Architecture, Planning and Construction Management

			Projects By Pune Builder Developer Organizations	
31	Ar. Aiyer Prachi (co-author)	7th – 8th Aug. 2020	Feasibility Of Including Water Recycle Plant - A Case Study For An Existing Residential Project at Solapur	NCET-2020 National e- Conference on Empirical Theories in Architecture, Planning and Construction Management
32	Ar. Mahajan (Patil) Gayatri	Jan 2022	Exploration of New Emerging Trends During Midyear 2020, For Building Construction & Civil Engineering: An Overview	International Journal of Innovative Science, Engineering and Technology (IJSET)
33	Ar. Mahajan (Patil) Gayatri	February 2021	Big Data and Predictive Analytics drive Innovations in Construction Industry	International Journal of Innovative Science, Engineering and Technology (IJSET)
34	Ar. Iyer Dhvani	12th February 2021	Archaic Abode, Re-Domesticating of Apartment Living in the Indian context	ISVS10 - The 10th International Seminar on Vernacular Settlements)
35	Ar. Aiyer Prachi	12th & 13th March 2021	Wind Patterns in Built Environment	International Conference Between The Lines 2021 by School of Architecture, REVA University, Bengaluru
36	Ar. Aiyer Prachi	7th & 8th May 2021	Wind Speed Change with height in Built Environment	National Students Conference "Research in Architecture 2021" & International Journal of Engineering Research by DYPSOA, Pune
37	Ar. Aiyer Prachi	13th & 14th August 2021	Control Measures for Construction Noise Pollution	National Research Conference "Practice Engrossed Paradigm towards Architectural Research " & Book by Trinity College of Architecture, Pune.
38	Ar. Patil Gayatri (Co-author)	8th & 9th May 2021	Drone Technology in Construction Project Management	Research in Architecture Conference organised by D. Y.Patil SOA, Lohegaon
39	Ar. Patil Gayatri (Co-author) Agrahari Ashish Kumar	25th & 26th March 2021	Integration of Building Information Modelling (BIM) and Mixed Reality (MR) in Construction Processes : A field Investigation	International Conference on Architecture & Beyond (ICAB 2021) SPARK 2021
40	Ar. Patil Gayatri	30th OCT 2021	Application on Drone Technology in Construction Industry: A study 2012-2021	International Journal of Engineering and Advanced Technology (IJEAT)
41	Ar. Patil Gayatri	Dec-21	Towards Integration of BIM, IoT, AR/VR and Drone Technology for Construction Project Management: Looking for 2021	Design Engineering Journal

42	Ar. Dhawale Shilpa	25th & 26th March 2021	Revisiting the Forts: Creating Awareness of a Glorious Past	International Conference on Architecture & Beyond (ICAB 2021), SPARK-2021
43	Ar. Dhawale Shilpa (Guide) Alafiya Talib	7th & 8th May 2021	The Surreal Beauty of Architecture Appraising The Ideologies And Notions Of Antoni Gaudi by Traversing Through His Masterpieces	International Journal of Engineering Research
44	Ar. Mistry Naziya (co-author) Ar. Shah Nandita	7th & 8th May 2021	Aspects of Heritage Management Proposal For M. L. G. Highschool Building In Kolhapur, Maharashtra	International Journal of Engineering Research
45	Ar. Silveira Romeiro (co-author) Ar. Godbole Swati	7th & 8th May 2021	Exploring Reasons of Load Bearing Construction Technology for Bungalow Structures Being Phased Out From Prevalent Construction Practices	International Journal of Engineering Research
46	Ar. Sane Aniruddha (co-author) Ar. Sarang Varun N	7th & 8th May 2021	Precast Concrete Construction technology for CIDCO Housing in Navi Mumbai	International Journal of Engineering Research
47	Prof. Siamwala Zoher (Guide) Ar. Deshpande Ketaki	7th & 8th May 2021	Place Making: A Project Management Tool For Developing Inclusive Student Communities	International Journal of Engineering Research
48	Ar. Silveira Romeiro & Ar. Kulkarni Kamala	7th & 8th May 2021	Theoretical Review of a "Health-Wellbeing- Green" Approach In Design And Construction Practice for a Pandemic Resilient Office Interior Fit Out	International Journal of Engineering Research
49	Ar. Romeiro Silveira (co-author) Ar. Sameer Chouhan	7th & 8th May 2021	Effective Communication in Construction Industry	International Journal of Engineering Research
50	Ar. Mistry Naziya & Ar. Patel Gauri	7th & 8th May 2021	Risk Analysis and Risk Management in Residential Construction Projects	International Journal of Engineering Research
51	Ar. Siamwala Zoher & Kanitkar Swapnil Prashant	7th-8th May 2021	Facilities Management of Interior Spaces in It Companies (Locker management system)	International Journal of Engineering Research
52	Ar. Siamwala Zoher & Chavan Sneha Sudhir	7th-8th May 2021	Assessment of Prefabricated Prefinished Volumetric Construction Systems For Micro Housing In Hinjewadi, Pune W.R.T Time And Cost Management	International Journal of Engineering Research
53	Ar. Sane Aniruddha & Rasane Bhushan Vinod	2nd - 3rd July 2021	Risk Management During Construction of Residential	National Conference on "Practice: Engrossed Paradigm towards Architectural Research"

			Buildings in Congested Areas (Peth Region) Of Pune	
54	Ar. Aiyer Prachi & Phirke Mamta Pandurang	7th-8th May 2021	Noise Pollution Due to Construction Activities	International Journal of Engineering Research
55	Ar. Simawala Zoher & Poonawala Alefiya Aliasgar	12th-13th April 2022	Impact on Construction Activities of Residential Projects in Pune due to Lack of Labor in a Pandemic Situation	International Journal of Engineering Research
56	Ar. Mahajan Gayatri & Patil Chaitali Niranjan	May-22	Promoting Low Voc Emitting Materials In Interiors Of The Building	International Journal of Research and Analytical Reviews
57	Ar. Mistry Naziya & Kapadia Farhana	12th-13th April 2022	Study of Dwellings in Bohra settlement at Ranala	International Journal of Engineering Research
58	Ar.Pawar Tejaswini & Kamat Ketaki Mohan	June 2022	Deriving Building Repairs Methodology in Waterproofing for Existing Traditonal Houses in Kokan	International Journal of Innovative Science, Engineering and Technology
59	Ar. Siamwala Zoher & Suryavanshi Kuldeep Dattatrya	12th-13th April 2022	Study and Analysis of Cost Effective Alternative Construction Systems	International Journal of Engineering Research
60	Ar. Siamwala Zoher & Chaudhari Prajakta Bibhishan	12th-13th April 2022	Risk Management in Infrastructure Projects – Pune Metro Case Study	International Journal of Engineering Research
61	Ar. Mistry Naziya & Zambare Pranita Atul	June 2022	Parameters of Heritage Management Plan for Khandoba Temple at Jejuri	International Journal of Innovative Science, Engineering and Technology
62	Ar. Aiyer Prachi & Nahar Puskar Anil	12th-13th April 2022	Causes and Effects of Delay in Industrial Construction Projects in Pune Region	International Journal of Engineering Research
63	Ar. Mahajan Gayatri & Shinde Rohit Santaji	April 2022	Bamboo as a Sustainable Construction Building Material	International Journal of Innovative Science, Engineering and Technology
64	Ar. Silveira Romeiro & Shah Jaawaria Batool Raees Ahmed	June 2022	Assessment of Factors Causing Impacts on Curtain Wall Facade Constsruction Process Concerning Time, Cost, and Quality	International Journal of Innovative Science, Engineering and Technology
65	Ar. Aiyer Prachi & Shah Sunny Sanjay	12th-13th April 2022	Study of Different Facade and Roofing Systems for Automobile Industry, Pune City	International Journal of Engineering Research
66	Ar. Silveira Romeiro & Shaikh Nahid Gulab	April 2022	Prequalification Guidelines in Tendering From 25,000 Sq.Ft – 1,00,000 Sq.Ft Engineering Industrial Projects, Pune	International Journal of Innovative Science, Engineering and Technology

67	Ar. Salvi Rina Diwakar & Pethe Ashwini	16th- 18th Decemb er 2021	Pandemic and its Impact on Urban Planning from a Historical Context	Intenational Conference on Future is Urban: Livability, Resilience and Resource Conservation
68	Ar. Shilpa Dhawle & Nene Supriya	12t & 13th April 2022	Daultabad Fort A Study of Late Medieval Land Mark of the Deccan	International Student Conference Research in Architecture 2022
69	Ar. Dhawle Shilpa & Nene Supriya	1st January 2023	Revisiting the Forts : An Approach to Enhance Religious Activities in the Fort Premises A Case Study of Daultabad Fort	Intenational Journal of Creative Research Thoughts
70	Ar. Siamwala Zoher and Ar. Darkunde Surabh S.	17th & 18th July 2023	Analysis of Recruitment of Staff with Respect to Infrastructure for Construction Project Management Offices	International Conference Proceeding Architecture / Planning Education, Research & Profession: Past, Present & Future
71	Ar. Aiyer Prachi and Ar. Chaudhari Jayant	17th & 18th July 2023	Identifying Challenges in Setting up of a Camp for Defence Personnels in High Altitude Areas of Jammu & Kashmir Region for the Purpose of Efficient Management During Construction Execution	International Conference Proceeding Architecture / Planning Education, Research & Profession: Past, Present & Future
72	Ar. Mistry Naziya & Ar. Bambori Hitesh	17th & 18th July 2023	Understanding Risk Management w.r.t. Time & Cost Factors in Mixed - Use Construction Projects in Pune	International Conference Proceeding Architecture / Planning Education, Research & Profession: Past, Present & Future
73	Ar. Aiyer Prachi (co-author Ar. Thosar Neha)	7th-8th May 2021	Post Disaster Site Management	The 3rd Edition National Students Conference Research in Architecture 2021; International Journal of Engineering Research, Volume No.10 Special Issue No.1
74	Ar. Aiyer Prachi (co-author Ar. Bhandari Rakhi)	May 2022	Shipping Containers in Substitute of Conventional Construction Method at Pune for Accommodation	IJISET: International Journal of Innovative Science, Engineering and Technology, Volume 9 Issue 5
75	Ar. Mahajan Gayatri	May 2022	Integration of BIM and Drone technology to expedite Infrastructure Process	2nd National Conference on Advances in Construction Management conducted by COEP
76	Ar. Pawar Tejaswini	May 2022	Comparative analysis of Construction technology for Residential housing in Pune	2nd National Conference on Advances in Construction Management conducted by COEP
77	Ar. Mahajan Gayatri	October 2022	Swift Rising Pattern of New Emerging Construction Technology Trends in the Construction Industry	IJITEE: International Journal of Innovative Technology and Exploring Engineering, Volume 11 Issue 11
78	Ar. Mahajan Gayatri	Decemb er 2022	Refurbishing Recent Emerging Technology Trends	Construction Industry, Techniques and Innovation in Engineering Research Vol. 6 published by B P International

79	Ar. Mahajan Gayatri	March 2023	Analyzing BIM use and application in the building industry from 2008 to 2023	5th National Conference on Innovative Global Technology Trends in Architecture by MIT ADT University, Lonikalbhor Pune
80	Ar. Mahajan Gayatri	April 2023	Intensifying Literature review on the use of BIM in the Indian building sector	IJRAR: International Journal of Research and Analytical Reviews, Volume 10 Issue 2
81	Ar. Aiyer Prachi, Ar. Mahajan Gayatri & Ar. Shaikh Anjum	May 2023	Risks and Challenges in Self-Redevelopment Projects	TIJER: Technix International Journal for Engineering Research, Volume 10 Issue 5
82	Ar. Silveira Romeiro, Ar. Pawar Tejaswini & Ar. Soni Shreyash	July 2023	Identifying the Root Causes of Effective Waste Management to Reduce Waste to Landfill	TIJER: Technix International Journal for Engineering Research, Volume 10 Issue 7
83	Ar. Mistry Naziya & Ar. Kale Rutuja	December 2023	Restoration Management of Gupteshwar Temple at Dharasur	TIJER: Technix International Journal for Engineering Research, Volume 10 Issue 12
84	Ar. Aiyer Prachi & Ar. Apte Kaiwalya	May 2024	Identifying Suitable Construction Technology for Redevelopment Projects in the Deccan Area of Pune: A Comparative Analysis	IJISSET: International Journal of Innovative Science, Engineering and Technology, Volume 11 Issue 5
85	Ar. Silveira Romeiro & Ar. Fulsundar Akansha	June 2024	Effective Project Management strategies so as to optimize Timely Completion of Interior for Reliance Trends	IJISSET: International Journal of Innovative Science, Engineering and Technology, Volume 11 Issue 6
86	Ar. Siamwala Zoher & Ar. Vaze Hrishikesh	July 2024	Formulation of Payment Framework for Design and Build of Bungalows in Pune District	IJISSET: International Journal of Innovative Science, Engineering and Technology, Volume 11 Issue 7
87	Ar. Dhawale Shilpa	2024	Durganchya Deshat : Kille Naldurg	Tutiya Rajya Stariya Vastukala Marathi Parishad
88	Ar. Dhawale Shilpa	Feb-25	Madhyayugin Kalatil Kille Ani Nagari Vasti- Ek Gauravshali Itihas	Chaturtha Rajya Stariya Vastukala Marathi Parishad 2025
89	Ar. Silveira Romeiro & Ar. Agrawal Taniya	March 2025	Project Management Approach for Sustainable Interior Finishes in Private Day School Buildings in Pune	MIT University's ABHIVRUDDHI Journal
90	Ar. Mistry Naziya & Ar. Choure Samiksha	March 2025	Understanding Heritage Potential and Management of Streetscape w.r.t. Occupational Lanes of Saswad	MIT University's ABHIVRUDDHI Journal
91	Ar. Mistry Naziya & Ar. Ghodke Pratik	March 2025	Heritage Management of Stepwells in Maharashtra	MIT University's ABHIVRUDDHI Journal
92	Ar. Bapat Dipti & Ar. Ghegade Rutuja	April 2025	Ecological and Cost-Friendly Strategies for Khare Mala Nala Stretch at Shirur by Implementation of Bioswale	IJIRT: International Journal of Innovative Research in Technology

93	Ar. Silveira Romeiro & Ar. Jadhav Ajinkya	April 2025	Projected Increase in Population Density Due to Redevelopment and Its Impact on Urban Infrastructure in Pune	IJSET: International Journal of Innovative Science, Engineering and Technology
94	Ar. Aiyer Prachi & Ar. Gholap Ashwini	May 2025	Evaluating the Feasibility and Cost-Effectiveness of Industrial Steel Structure Relocation: A Case Study of Sugar Factory Reassembly in Maharashtra	IJSET: International Journal of Innovative Science, Engineering and Technology
95	Ar. Aiyer Prachi & Ar. Ubale Abhinandan	May 2025	Material Storage Planning as A Part of Site Management at High Rise Residential Building Sites	IJSET: International Journal of Innovative Science, Engineering and Technology
96	Ar. Aiyer Prachi & Ar. Gholap Tejaswini	May 2025	Impact of Progressive Construction and Extension of School Buildings on School Activities and Users	IJSET: International Journal of Innovative Science, Engineering and Technology
97	Ar. Silveira Romeiro & Ar. Agrawal Taniya	May 2025	Integrating Sustainability in Interior Retrofitting for Private Day School in Perspective with Project Management: A framework for Pune	IJRASET: International Journal for Research in Applied Science & Engineering Technology
98	Ar. Mistry Naziya & Ar. Mohite Shivani	May 2025	Heritage Management for Wadas located in core area of Saswad region of Pune district of Maharashtra	IJIRT: International Journal of Innovative Research in Technology
99	Ar. Kanitkar Swapnil & Ar. Salunke Siddharth	May 2025	Infrastructure Management for water & waste of landslide disaster affected rural areas of Maharashtra	IJSET: International Journal of Innovative Science, Engineering and Technology
100	Ar. Siamwala Zoher & Ar. Tol Khadija	May 2025	Conceptual Framework for Sustainable Refurbishment of Urban Educational Campus using a Sustainability Assessment Tool	IJSET: International Journal of Innovative Science, Engineering and Technology
101	Ar. Silveira Romeiro & Ar. Mohite Tushar	June 2025	Pre-requisite Requirement for Housing Society to Undergo Redevelopment in Non-Congested Zone of Pune City	IJSET: International Journal of Innovative Science, Engineering and Technology
102	Ar. Aiyer Prachi & Ar. Mendhe Pranavkumar	June 2025	Assessment Of Construction Management Strategies for Destination Venues in Rural Areas: A Case of Beed	IJSET: International Journal of Innovative Science, Engineering and Technology
103	Ar. Aiyer Prachi & Ar. Kharat Suraj	June 2025	Market Cost of Jambha Stone Based on Supply Chain in Sindhudurg	IJSET: International Journal of Innovative Science, Engineering and Technology
104	Ar. Aiyer Prachi & Ar. Shaikh Tarabkhanam	June 2025	Building Automation Systems for Commercial Campus – IT	IJSET: International Journal of Innovative Science, Engineering and Technology

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