

CURRICULLUM VITAE

NAME : **DR. ASHWANI KUMAR**

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DATE OF BIRTH : **10TH JANUARY, 1983**

CATEGORY : **GENERAL**

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EDUCATION QUALIFICATIONS:

Educational qualifications	Year	Institution	CGPA / %age
Ph. D	2014	Indian Institute of Technology Roorkee	Awarded
M. Arch.	2009	Indian Institute of Technology Roorkee	8.81 on 10 point scale
B. Arch.	2005	National Institute of Technology Hamirpur	67.67%
10+2	2000	Govt. Sen. Sec (boys) School Hamirpur	66.00%
Tenth class	1998	Kendriya Vidyalaya Hamirpur	64.6%

Ph.D Thesis

Title: Area Specific Building Regulations for Hill Towns

M.Arch. Dissertation

Title: Analytical Study and Design Guidelines for Mid rise Buildings in Hill Regions

B.Arch. Thesis

Project Title: Proposed Shopping cum Office Complex at Amritsar

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Scopus Author ID : 56797319200

Google Scholar link: <https://scholar.google.co.in/citations?hl=en&user=x3TPZjgAAAAJ>

PRESENT EMPLOYMENT

Assistant Professor at Department of Architecture and Planning, Malaviya National Institute of Technology Jaipur, India since June 28th, 2013

PAST WORKING EXPERIENCE

- i) Worked as Senior Lecturer at School of Architecture and Landscape Design, Shri Mata Vaishno Devi University Katra J&K from 03rd August 2009 to 09th January 2011
- ii) Lecturer (on contract) at Department of Architecture at National Institute of Technology Hamirpur (H.P.) for 4 semesters dated from:
 - a) 12th August 2005 to 06. Jan 2006 ,
 - b) 14th Feb 2006 to 15th June 2006
 - c) 25th July 2006 to 22nd Dec 2006.
 - d) 27th Dec 2006 to 30 May 2007

SPONSERED RESEARCH PROJECTS

S.No.	Title of the Project	Project Team	Funding agency	Sanctioned amount(Rs)	Status
1	Vernacular Practices as a basis for formulation of building regulations for different climatic zones of Rajasthan	Dr. Ashwani Kumar, Dr. Satish Pipralia	DST Rajasthan	651600.00	Completed
2	Preparation of District Environment Management Plan for Alwar		Environmental Committee and District Collector Alwar	9.90	Completed
3	Mission Amrit Sarovar - Jal Dharovar Sanrakshan		Ministry of Housing and Urban Affairs, New Delhi	2.0	Completed

PATENT (In Process)

1. Sunil Sharma, Ashwani Kumar, Nand Kumar, Satish Pipralia, A Method for implementing Energy Efficiency Measures in Institutional Buildings, (in process App. No. 202111020563) concept submitted on May 5th, 2021
2. Copyright Registered on ‘Sustainable Assessment for Transformations in Vernacular Buildings (SATVB) - Rating System’ By Dr. Richa Jagatramka, Dr. Ashwani Kumar and Dr. Satish Pipralia (RoC no. 117841/2022 dated 28.09.2022)
3. Copyright filled on ‘Assessment of Potential Land Parcels for New Urban Development Activities in Hill Regions of India (APLPNUD)-Rating System’ By Mr. Ashutosh Saini, Ms. Swasti Sharma, Dr. Gireendra Kumar, Dr. Ashwani Kumar (Diary No. 14326/2022-CO/L) on 04th July 2022

4. Copyright filed on 'Identification of Suitable Land Parcels for Urban Use in Hill Regions of India' By Ms. Swasti Sharma, Mr. Ashutosh Saini, Dr. Bhavna Shrivastava, Dr. Ashwani Kumar (Diary Number: 25825/2022-CO/L) on 12th December 2022

CONSULTANCY WORKS

S.No.	Title of the Project	Role	Funding agency	Consultancy fee (Rs)	Status
1	Technical Vetting Of In-House Prepared Architectural And Structural Designs And Drawings For The Construction Of Oil Executive Residential Complex – Jodhpur	CO-PI/Member	OIL India Ltd. - Jodhpur Rajasthan	519,200	Completed
2	Vetting of Architectural design proposal and financial viability report for setting up of Coaching Hub in Sector 16 Pratap Nagar Sanganer Jaipur	CO-PI/Member	Rajasthan Housing Board - Jaipur	463,999	Completed
3	Preparation of Zonal Development Plan for Sikar City	CO-PI/Member	Municipal Council Sikar	42,291,200	Ongoing
4	Drafting of Lease Document for Club 21 at Raj Angan Yojana, NRI Clolony, Pratap Nagar, Sanganer Sector 24, Jaipur	CO-PI/Member	Rajasthan Housing Board Jaipur	236,000	Ongoing
5	Preparation of Initial Environmental Examination (IEE) report including Environmental Management Plan for the project of Development of Residential colony for affected persons of village Pur,	CO-PI/Member	Urban Improvement Trust Bhilwara	689,999	Ongoing
6	Checking and Vetting of EPC Mode Bid Document for the work of Constitutional Club at Vidhayak Nagar (East) Jyoti Nagar Jaipur	CO-PI/Member	Rajasthan Housing Board - Jaipur	463,999.60	Ongoing
7	Preparation of zonal development plan for Sri Ganganagar City	CO-PI/Member	Municipal Council Sri Ganganagar	16576404	Ongoing

Ph.D SUPERVISION/GUIDANCE

S. no	Name of Student	Thesis topic	Role	Status	
1.	Neeti	Strategies for Reduction in Energy Consumption of Residential Multistoried Buildings : A Case of Gurugram	Supervisor	Awarded 20 th May 2019	
2.	Sunil Sharma	Strategies for Energy Efficiency in Technical Institutes of Hot and Dry Climatic Zone, India	Supervisor	Awarded 03 July 2020	
3.	Md. Fuzail Jawaid	Environment Responsive Development Regulations for Residential Developments in Jaipur City	Co-supervisor	Awarded March 2021	
4.	Manish Sharma	Strategies To Strengthen Urban Water Resilience At Household Level: A Case Of Jaipur City	Supervisor	Awarded July 2021	
5.	Richa Jagatramka	Sustainability Indices for Transformations in Vernacular Architecture of Chhattisgarh	Supervisor	Awarded November 2021	
6.	Shradha Chandan	Community based Urban Conservation in Pilgrim Cities	Co-supervisor	Awarded December 2022	
7.	Ashutosh Saini	Strategies for appropriate development in hill towns: a case of class III towns of Himachal Pradesh	Co-supervisor	Awarded June 2023	
8.	Akansha Sangwan	Comprehensive framework for Planning Urban Greenspaces in Indian cities	Co-supervisor	Submitted July 2023	
9.	Swasti Sharma	Framework for Land Use Planning in hill towns of India	Co-supervisor	2020-21	Ongoing
10.	Bansari Prajapat	Community based Disaster Management Plan formulation for Indian Metropolitan Area- A case of Jaipur	Supervisor	2020-21	Ongoing
11.	Shipra Goswami	Strategies to strengthen resilience against urban fire in core areas of Indian cities - A case of Walled City of Jaipur	Supervisor	2021-22	Ongoing
12.	Anjali Saraswat	Ecosystems approach to urban planning – Jaipur, India	Co-supervisor	2021-22	Ongoing
13.	Kolte Rushikesh Rajesh	Urban Disaster Resilience for Medium-sized towns in the Western Ghats region of India	Supervisor	2022-23	Ongoing
14.	Deeksha	Planning for eco-sensitive zones	Co-supervisor	2022-23	Ongoing

**PAPER PUBLISHED/ ACCEPTED IN INTERNATIONAL JOURNALS
(SCI/SCOPUS Indexed)**

1. Akanksha Sangwan, Nand Kumar, Ashwani Kumar, 2023, **Defining the Urban Greenspaces in Indian context**, Architecture and Urban Planning, Vol 19 issue 1 page no 76-92 (<https://doi.org/10.2478/aup-2023-0008>) [Indexing: Scopus, **SJR 2022: Q2,**]
2. Swasti Sharma, Ashutosh Saini, Bhavna Shrivastava, Ashwani Kumar, 2023, **Land Use Allocation Practices in India: A Systematic Review**, International Review for Spatial Planning and Sustainable Development [Indexing: ESCI, Scopus, **SJR2022: Q2**]
3. Manish Sharma, Bansari Sharma, Nand Kumar, Ashwani Kumar, 2023, **Establishing conceptual components for urban resilience: Taking clues from urbanization through a planner's lens**, ASCE's Natural Hazards Review, 24(1) [SCI, **SJR2022: Q1**] [DOI: 10.1061/NHREFO/NHENG-1523]
4. Akanksha Sangwan, Nand Kumar, Ashwani Kumar, 2023, **Amorphous Nature of Green Spaces in Indian Urban planning**, International Review for Spatial Planning and Sustainable Development, Vol.11 No.1 (2023), 208-225 [Doi: https://doi.org/10.14246/irspsd.11.1_208] [Indexing: ESCI, Scopus, **SJR2022: Q2**]
5. Saini A., Sharma S., Kumar G., Kumar A., (2022) **Problems and Prospects of Urban Developments in Mandi Town of Himachal Pradesh, India**, ISVS e-journal, Vol. 9 issue 5 pp 83-97 [Indexing: Scopus, **SJR2022: Q1**]
6. Shipra Goswami, Ashwani Kumar, Satish Pipralia, 2022, **Transformations of the Traditional Residential Neighborhoods of the Walled City of Jaipur**, ISVS e-journal, Vol. 9 no. 4 pp 128-144 [http://isvshome.com/pdf/ISVS_9-4/ISVS_9.4.9_Shipra_Final.pdf] [Indexing: Scopus, **SJR2022: Q1**]
7. Sharma B., Sharma S., Kumar A., Kumar N., Pipralia S., (2022) **Analysis of Urban Development Plan Formulation in India with Special Reference to Public Participation**, International Review for Spatial Planning and Sustainable Development Vol. 10 No. 4, 192-208 (http://dx.doi.org/10.14246/irspsd.10.4_192) [Indexing: Scopus, **SJR2022: Q1**]
8. Manish Sharma, Bansari Sharma, Nand Kumar, Ashwani Kumar, 2022, **Measuring urban water resilience at household level: A comparative study through a framework for developing countries**, accepted for publication in Urban Water Journal [DOI:10.1080/1573062X.2022.2075767] [**SJR2022: Q1**]
9. Chandan Shradha, Kumar Ashwani, Pipralia Satish, 2022, **Challenges of Urban Conservation in the Historic City of Puri**, accepted for publication in Journal of Urban Regeneration and Renewal [**SJR2022: Q3**]

10. Swasti Sharma, Ashutosh Saini, Bhavna Shrivastava GireendraKumar&Ashwani Kumar, 2022, **Evolution of Indian Hill Stations during the British Era: Problems and Prospects of Development**, ISVS e-Journal Vol. 9 - Issue 2. April, 2022, pp 114-129 [Indexing: Scopus, SJR2021: Q1]
11. Jagatramka R., Prasad R., Kumar A., Piprali S., 2021, **Efficiency of materials in construction of buildings in rural areas of Chhattisgarh**, Materials Today: Proceedings,47, 3276–3281, <https://doi.org/10.1016/j.matpr.2021.07.070>
12. Jagatramka R., Kumar A., Pipralia S., (2021) **Transformations of Stone Dwellings in Khudargad, Chhattisgarh, India**, ISVS e-journal, Vol. 8, no.3, pp 83-93 [Indexing: Scopus, SJR2022 :Q1]
13. Jagatramka R., Kumar A., Pipralia S., (2021) **Transformations of Vernacular Architecture of India: Problems and Prospects**, ISVS e-journal, Vol. 8, no.1, pp 23-32 [Indexing: Scopus, SJR2022: Q1]
14. Jagatramka R., Kumar A., Pipralia S., (2020) **Sustainability Indicators for Vernacular Architecture in India**, ISVS e-journal, Vol. 7, no.4, pp 53-63 [Indexing: Scopus, SJR2022: Q1]
15. Vazhuthi, H. I ., Kumar A. (2020), **Causes and Impacts of Urban Floods in Indian Cities: A Review**, International Journal on Emerging Technologies, Vol. 11 no. 4 pp 140-147 [Indexing: Scopus SJR 2019: Q4]
16. Chandan S., Kumar A., (2019), **Challenges for Urban Conservation of Core Area in Pilgrim Cities of India**, Journal of Urban Management, Vol. 8, Issue 3, Pages 472-484 (<https://doi.org/10.1016/j.jum.2019.05.001>) [Indexing: Scopus and Web of Sciences, SJR 2022: Q1]
17. Chandan S., Kumar A., (2019), **Review of Urban Conservation Practices in Historic Cities**, International Journal of Emerging Technologies, Vol 10, Issue 1 (sourceid: 21100901133) [Indexing: Scopus SJR 2019: Q4]
18. Garg N., Kumar A., Pipralia S., Kumar P., (2019) **Initiatives to achieve energy efficiency for residential buildings in India: A Review**, Indoor and Built Environment, VOL. 28 issue 6 PP. 731-743 (<https://doi:10.1177/1420326X18797381>) [Indexing: SCIE and Scopus, SJR 2022: Q2]
19. Kumar A., (2018), **Review of Building Regulations for Safety Against Hazards in Indian Hill Towns**, Journal of Urban Management, vol. 7, 97-110 (<https://doi.org/10.1016/j.jum.2018.06.002>) [Indexing: Scopus and Web of Sciences, SJR 2022: Q1]
20. Jawaid F., Pipralia S., Kumar A., (2018), **Review of Environment Responsiveness of Building Regulations in Jaipur**, Journal of Urban Management vol. 7, 111-120 (<https://doi.org/10.1016/j.jum.2018.06.001>) [Indexing: Scopus and Web of Sciences, SJR 2022: Q1]

21. Kumar A., Pushplata,(2018), **Formulating Contextual Building Regulations For Hill Towns of India: The Case of Shimla**, Planning Practice and Research, vol. 33, issue 1 pp 34-50 [Indexing: Scopus, SJR 2021: Q2]
22. Kumar N., Kumar A. , Sharma S., (2018) **The Quest for Environmental Sustainability in Educational Institutions**, International Journal of Engineering and Technology, 7 (1.4) pp 33-38 (DOI: <https://doi.org/10.14419/ijet.v7i1.4.9033>) [Indexing: Scopus] Randhawa A., Kumar A., (2017),
23. **Exploring Sustainability of Smart Development Initiatives In India: A Review**, International Journal of Sustainable Built Environment Vol. 6 (2) 701–710 (<https://doi.org/10.1016/j.ijsbe.2017.08.002>) [Indexing: Scopus SJR 2019, SJR 2020: Q1] ISSN:2212-6090E-ISSN:2212-6104
24. Kumar A., (2017), **Building Regulations related to Energy and Water in Indian Hill Towns**, Journal of Sustainable Development of Energy, Water and Environment Systems Volume 5, Issue 4, pp 496-508 DOI: <https://doi.org/10.13044/j.sdewes.d5.0161>) [Indexing: Scopus, SJR 2022: Q2]
25. Jawaid F., Sharma M., Pipralia S., Kumar A., (2017), **City Profile: Jaipur**, Cities 68 , 63–81 (<https://doi.org/10.1016/j.cities.2017.05.006>) [Indexing: Scopus, Social Sciences Citation Index, SJR 2022: Q1,]
26. Kumar A., Pushplata (2017), **Problems and Prospects of Building Regulations in Shimla, India- A Step Towards Achieving Sustainable Development**, International Journal of Sustainable Built Environment Vol. 6 (1) pp 207-215 (<https://doi.org/10.1016/j.ijsbe.2017.03.009>) [Indexing: Scopus SJR 2020: Q1] ISSN:2212-6090E-ISSN:2212-6104
27. Kumar A., (2016), **Impact of Building Regulations on Indian Hill Towns**, HBRC Journal, Vol. 12 issue 3 pp 316-326 (<https://doi.org/10.1016/j.hbrcj.2015.02.002>) {Print ISSN: 1687-4048 Online ISSN: 1687-4048} [Indexing: Scopus]
28. Kumar A., Pushplata, (2015), **Building Regulations for Hill Towns of India**, Elsevier, HBRC Journal vol. 11 no. 2 pp 275-284. (<https://doi.org/10.1016/j.hbrcj.2014.06.006>) } [Indexing: Scopus]
29. Kumar A., Pushplata, (2015), **City Profile: Shimla**, Elsevier, Cities Journal, 49 pp 149-158 (<https://doi.org/10.1016/j.cities.2015.08.006>) [Indexing: Scopus, Social Sciences Citation Index, SJR 2022: Q1,]
30. Kumar A., Pushplata, (2015), **Approach to Formulate Setback Regulations for Indian Hill Towns**, International Journal of Sustainable Built Environment, 4 no. 1, pp 91-99 (<https://doi.org/10.1016/j.ijsbe.2015.03.001>) [Indexing: Scopus, SJR 2020: Q1] ISSN:2212-6090E-ISSN:2212-6104
31. Kumar A., Pushplata, (2013), **‘Building Regulations for Environmental Protection in Indian Hill Towns’**, Elsevier, International Journal of Sustainable Built

Environment vol. 2 no. 2 pp 224-231 (<https://doi.org/10.1016/j.ijsbe.2014.04.003>)
[Indexing: Scopus, **SJR 2020: Q1**] ISSN:2212-6090E-ISSN:2212-6104

32. Kumar A., Pushplata, (2013), '**Vernacular Practices: As a Basis for Formulating Building Regulations for Hilly Areas**', Elsevier International Journal of Sustainable Built Environment vol. 2 no 2, pp 183-192 (<https://doi.org/10.1016/j.ijsbe.2014.01.001>) [Indexing: Scopus, **SJR 2019: Q1, SJR 2020: Q1**] ISSN:2212-6090E-ISSN:2212-6104
33. Sharma S., Sharma A., Kumar A.,(2011), "**New City Model to Reduce Demand for Transportation**", International Conference on Green Buildings and Sustainable Cities 2011 (GBSC 2011), Bologna, Italy, on Sep 15-16, 2011, Published in Elsevier Science Direct Procedia Engineering 21 (2011) pp 1078-1087 (<https://doi.org/10.1016/j.proeng.2011.11.2114>) [Indexing: Scopus, **SJR 2018: 0.277, SJR 2018: 0.32**] ISSN: 1877-7058

PAPER PUBLISHED/ ACCEPTED IN INTERNATIONAL JOURNALS (peer reviewed)

1. Imsong, R., & Kumar, A. . (2023). Building Regulations for North Eastern Region of India. Bhutan Journal of Research and Development, (2). <https://doi.org/10.17102/bjrd.rub.se2.037>
2. Shipra Goswami and Ashwani Kumar, 2021, **Issues and Challenges for Urban Development in Indian Cities Post Pandemic : A Case of Jaipur**, WEENTECH Proceedings in Energy 7(2), 48-56 [<https://doi.org/10.32438/WPE.552021>]
3. Randhawa A., Kumar A., (2020) **Reviving the Urban Core: Ludhiana City, Punjab, India**, Urban Studies and Public Administration, vol. 3 issue 3 pp. 1-37
4. Manish Sharma, Nand Kumar, Ashwani Kumar (2017) Need for Disaster Risk Resilience: A case of India, International Research Journal of Engineering and Technology (IRJET) Volume: 04 Issue: 11 pp 335-339
5. Aman Randhawa, Dr. Ashwani Kumar (2017), Exploring Livability as a dimension of Smart City Mission (India), International Research Journal of Engineering and Technology (IRJET), Volume: 04 Issue: 11 pp 277-285
6. Garg N., Kumar A., Pipralia S., (2016) **A Conceptual Framework For Sustainability Indicators In Retrofitting Existing Housing**, International Journal of Architecture, Engineering and Construction, Vol 5 issue 3 pp148-160 (DOI: 10.7492/IJAEC.2016.015)
7. Jawaid F., Pipralia S., Kumar A., (2016), **Exploring the Imageability of Walled City Jaipur**, 4 Journal of Engineering Technology (JET) Vol 4 Issue 1 pp 46-52 (ISSN: 2251-3701), (doi: 10.5176/2251-3701_4.1.171)

8. Chaudhary M., Kumar A., (2015) **Exploring Non- Motorized Transportation for Indian Cities: A Sustainable System**, International Journal of Town Planning and Management, Vol 1, Issue 1, PP 32-637
9. Kumar S., Kumar A.,(2015), **Solid Waste Management in Tier II Indian Cities: A Case of Jammu City**, International Journal of Architecture and Infrastructure Planning, Vol.1, Issue I pp 13-18
10. Kumar A., Piralia S., Sharma S., Sharma A., (2014), **Impacts of Transportation Projects on Architecture**, International journal of Enhanced Research in Science, Technology and Engineering, Vol. 3, Issue 2 Feb. 2014 pp 281-286 (ISSN: 2319-7463)
[http://www.erpublications.com/uploaded_files/download/download_11_03_2014_13_33_09.pdf]
11. Kumar A., Sharma K., (2015), **Role of Infrastructure for increasing tourist influx in Rajasthan: A critical Review**, Journal of Environmental Research and Development, Vol. 9 No. 3(A), pp 1050-1056
12. Kumar A.,(2014), **Bhimakali Temple at Sarahan: An Architectural Marvel**, Indian Journal of Applied Research, vol. 4, issue 9 September 2014 pp11-14 [Article DOI : 10.15373/2249555X/September2014/4]
13. Pushplata, Kumar A. Kumar, (2012), **Conservation and Development of Built Heritage of Shimla**, ABACUS vol. 7 No2 pp 92-98.
14. Pushplata, Kumar A.,(2012), **“Building Regulations : As A Means of Ensuring Sustainable Development in Hill Towns”**, Journal of Environmental Research and Development, Vol. 7A No. 1A, July-September 2012 pp 553-560 [available on <http://jerad.org/ppapers/dnload.php?vl=7&is=1A&st=553>]

PAPER PUBLISHED IN NATIONAL JOURNALS

1. Garg N., Kumar P. , Kumar A. , Pipralia, S., (2016) **Energy Management Plan for sustainability - A step towards smart city initiatives**. Journal of Indian Building Congress vol 23 no. 2 pp 151-158 (ISSN No. 2349-7475)
2. Kumar S., Kumar A.,(2014) **“Issues and Strategies for Solid Waste Management in Jammu City”** Journal of Indian Building Congress, Vol XXI No. 2, PP 115-119
3. Kumar A., Munoth N., **“Vernacular Architecture- A Prerequisite for Sustainable Development”**, Architecture: Time Space and People, vol. no11 issue 7 July 2011 pp 16-22
4. Kumar A., **“Construction Defects in Building: Research and Remedies”**, Builders’ Friend October 2009 Issue 435 pp 36-38.
5. Pushplata, Kumar A., **“Mid rise Buildings in Hill Towns: A Problem or An Opportunity”**, Architecture + Design (A+D) July 2009 pp 90-96

6. Pushplata, Kumar A., Sinha A., “**Energy Optimization for Tall Buildings in Hill Regions**”, Journal of Indian Building Congress Vol. XVI no 1 2009 pp 188-195
7. Kaur A., Kumar A., Singh P., “**Maintenance of Buildings**”, Construction Journal of India, November 2008 (PP 16-19)
8. Patel P.K., Kumar A., “**Circulation: The Basic Element of High rise Building**”, Journal of Indian Building Congress Vol XV No.1 2008 PP 15-21
9. Patel P.K., Kumar A., **Stepwell- A Heritage Water Reservoir**, The Journal of The Indian Institute of Architects Vol. 73 Issue 04 April 2008 PP 14-17
10. Kaur A., Kapoor N., Kumar A., **Cracks In Buildings**, Construction Journal of India, January 2008, PP 08-13
11. Kaur A., Kumar A., **Colour Your Thinking**, The Journal of The Indian Institute of Architects, Vol 71 issue 11 Nov-Dec 2006 PP 46-49
12. Kaur A., Kumar A., **Garden Architecture of India**, The Journal of The Indian Institute of Architects Vol 71 issue 10 October 2006 PP 20 – 24
13. Kaur A., Kumar A., **A Study of Shiv Temple at Baijnath**, The Journal of The Indian Institute of Architects Vol 71 issue 08 August 2006 PP 58-60

PAPER PRESENTED IN INTERNATIONAL CONFERENCES

1. Rushikesh Kolte, Shipra Goswami, Ashwani Kumar, Satish Piprala, 2023, Risk Assessment vs. Resilience Assessment: Choosing the appropriate path for achieving safer cities in India, International Conference on Sustainable Development for Heritage and Built Environment (ICSDHB-2023), Manipal University Jaipur
2. Deeksha, Ashwani Kumar, Satish Piprala, 2023, Sustainable Urban development by safeguarding Ecosystem Services in spatial planning, International Conference on Sustainable Development for Heritage and Built Environment (ICSDHB-2023), Manipal University Jaipur
3. Chandan Shradha, Pipralia Satish, Kumar Ashwani, 2022, **Effective community-based governance in Indian heritage cities in the post-pandemic era**, International Conference on Heritage Management Education and Practice: Heritage in the Post-COVID-19 World, Ahmedabad University, Ahmedabad, India, 2-4 December, 2022
4. Goswami S., Kumar A., Pipralia S.,(2022) **Exploring Fire Hazard Vulnerability of traditional residential buildings in Walled City of Jaipur** accepted for presentation in ISVS 11 Conference Sept 30, Oct 1-2, 2022 at Navrachana University, Vadodara, India
5. Imsong R., Kumar A., (2022), **Transformations in the Vernacular Buildings of Nagaland, India**, Accepted for presentation in ISVS 11 Conference Sept 30, Oct 1-2, 2022 at Navrachana University, Vadodara, India
6. Saini Ashutosh, Sharma Swasti, Kumar Gireendra, Kumar Ashwani, (2022), **Urban Development Challenges for Medium Sized Towns in Hill Regions of India**, International Conference on-Converge 2022, DIT Dehradun, 15-17 September 2022

7. Saini Ashutosh, Sharma Swasti, Kumar Gireendra, Kumar Ashwani, (2022), **Issues related to Urban Development in Hilly Areas: A Literature Review**, International Conference on Innovation in Smart and Sustainable infrastructure (ISSI) 2022 Pandit Deendayal Energy University, Gandhinagar.
8. Goswami Shipra, Kumar Ashwani, Satish Pipralia (2022), **Problems and Prospects for Conservation of Traditional Bazaars in Walled City of Jaipur**, International Conference on Innovation in Smart and Sustainable infrastructure (ISSI) 2022, Pandit Deendayal Energy University, Gandhinagar.
9. Sharma Manish, Sharma Bansari, Kumar Nand, Kumar Ashwani, 2022, **Water Stress: Vulnerable urban areas**, International Conference of Creative Future (ICCF'22), May 20-21, 2022 MU Jaipur
10. Sangwan Akanksha, Kumar Nand, Kumar Ashwani, 2022, **Dialogues and Advocacy for Sustainable Urban Greenspaces in the Urban Planning Process**, International Conference of Creative Future (ICCF'22), May 20-21, 2022 MU Jaipur
11. Sharma Swasti, Pipralia Satish, Kumar Ashwani, Shrivastava Bhavna, Sharma Bansari, 2022, **Urban Development In Post Liberalisation Era**, International Conference of Creative Future (ICCF'22), May 20-21, 2022 MU Jaipur
12. Rongsentila Imsong and Ashwani Kumar, 2022, **Impact of Building Regulations on the Urban Environment of Cities in North Eastern Region of India**, 2nd International Conference on Science, Engineering and Technology, (ICSciEnTec), 2nd May 2022, College of Science and Technology, Phuentsholing Bhutan
13. Chandan Shradha, Sharma Swati, Pipralia Satish, Kumar Ashwani, 2022, **Influence of Tourist Behavior Mapping in the Development of Pilgrim Cities**, SUPTM 2022: 1st Conference on Future Challenges in Sustainable Urban Planning & Territorial Management, Universidad Politécnica de Cartagena
14. Saraswat Anjali, Pipralia Satish, Kumar Ashwani, 2022, **Sustainable urbanisation: An ecosystems approach towards future cities**, SUPTM 2022: 1st Conference on Future Challenges in Sustainable Urban Planning & Territorial Management, Universidad Politécnica de Cartagena
15. Chandan Shradha, Pipralia Satish, Kumar Ashwani, 2022, **Community Based Planning Interventions for Urban Conservation of Pushkar**, accepted for 2nd Pan NIT HSS International Conference on 'Resilience and Transformation for Global Restructuring' (ICRTGR 2022) 7-9 January, 2022
16. Manish Sharma, Nand Kumar, Ashwani Kumar, Bansari Sharma, 2021, **Urban water resilience in landscape of digitally connected built environment: An assessment matrix for cities of developing nations**, First International conference on technologies for smart green connected society 2021, 29-30 November 2021 Hyderabad India [<https://doi.org/10.1149/10701.18457ecst>]
17. Richa Jagatramka, Ashwani Kumar, Satish Pipralia, 2021, **Sustainability Attributes of Transformation in Vernacular Architecture of Chhattisgarh**, First International conference on technologies for smart green connected society 2021, 29-30 November 2021 Hyderabad India, ECS Transactions, Volume 107, Number 1 [DOI: <https://doi.org/10.1149/10701.18969ecst>]

18. Manish Sharma, Dr. Nand Kumar and Dr. Ashwani Kumar, 2021, **Existing resilience framework for disaster risk management in India**, 5th World Congress on Disaster Management (WCDM), November 24-27, 2021 Delhi [ISBN 9781032355429]
19. Goswami Shipra, Kumar Ashwani, 2021, **Problems And Prospects of Heritage Based City Development In India**, Environment Concerns and its Remediation (F-EIR) Conference 2021, October 18 – 22, 2021, Chandigarh
20. Dadhwal Adite, Kumar Ashwani, 2021, **Planning strategies to improve deteriorating living environment of hill towns: A case of Dharamshala**, Environment Concerns and its Remediation (F-EIR) Conference 2021, October 18 – 22, 2021, Chandigarh D. K. Ashish, J. de Brito (eds.), Environmental Concerns and Remediation [https://doi.org/10.1007/978-3-031-05984-1_15]
21. Chandan Shradha, Pipralia Satish, Kumar Ashwani, 2021, **Challenges and Opportunities in Data Pipralia Satish, Documentation And Analysis Techniques of Community-Based Urban Conservation Research Domain in a Post-Pandemic Era**, 5th International Conference URBAN E-PLANNING, Institute of Geography and Spatial Planning, University of Lisbon, Portugal Lisbon, 7 - 10 September 2021
22. Richa Jagatramka, Ashwani Kumar, Satish Pipralia, **Transformation of stone dwellings of Khudargad, Chhattisgarh**, 10th International Seminar for Vernacular Settlements, SPA Bhopal, 12th -14th February 2021
23. Yashika Sharma, Ashwani Kumar, **Modification of the vernacular buildings to accommodate the changing performance needs in Indian villages**, 10th International Seminar for Vernacular Settlements, SPA Bhopal, 12th -14th February 2021
24. Swasti Sharma, Bhavna Shrivastava and Ashwani Kumar, (2021) **Demographic Transition of Shimla Town due to Rapid Urbanization**, International conference on Resilient & Liveable City Planning (RLCP 2020), SPA Vijaywada 10th – 13th February 2021, 10th – 13th February 2021
25. Richa Jagatramka, Ashwani Kumar and Satish Pipralia, (2021), **Lessons from vernacular practices for planning and design of urban areas in Chhattisgarh**, International conference on Resilient & Liveable City Planning (RLCP 2020), SPA Vijaywada, 10th – 13th February 2021
26. Ashutosh Saini, Gireendra Kumar and Ashwani Kumar, (2021), **Spacio Temporal Pattern Analysis For Appropriate Urban Development In Class II and Class III Towns of Himachal Pradesh**, International conference on Resilient & Liveable City Planning (RLCP 2020), SPA Vijaywada
27. Richa Jagatramka, Ashwani Kumar and Satish Pipralia, 2020, **Lessons from Vernacular of Chhattisgarh: Solution to Epidemic**, International Conference on Vernacular Resource Genesis (i-converge 2020), 14th August 2020, Dehradun India

28. Shipra Goswami and Ashwani Kumar, 2020, **Issues and Challenges for Urban Development in Indian Cities Post Pandemic : A Case of Jaipur**, International Conference on Vernacular Resource Genesis (i-converge 2020), 14th August 2020, Dehradun India, Published in WEENTECH Proceedings in Energy 7(2), 2021, 48-56
29. Dadhwal Adite, Kumar Ashwani, **Planning Challenges for Development in Hill Town: A case of Dharamshala**, Accepted for International Conference on Re-Discovering Cities 2K20 (ICRC 2K20), 27th - 28th March 2020, Ambala India
30. Chandan S., Kumar A., Pipralia.S., (2020), **Challenges of Urban Conservation in the Historic city of Puri**, 4th annual research on cities summit, 7th -8th Feb 2020, Bhubaneswar
31. Chandan Shradha, Kumar Ashwani, Pipralia Satish, **Urban Character Appraisal Of Pilgrim City: A Case Of Puri**, International Conference on Future Cities-2019, 11th to 13th December 2019 IIT Roorkee
32. Hari Ilam Vazhuthi N, Kumar Ashwani, **Tracing the Causes and Impacts of Urban Flooding in Indian Cities**, 8th APHW International Conference on Emerging Technologies in Urban Water Management, November 22-23, 2019, Roorkee, INDIA
33. Sharma Manish, Kumar Nand, Kumar Ashwani (2019), **A quest for networked city in developing countries by spatial assessment of the status of urban water system: A case of Jaipur City**, Architecture and Civil Engineering Conference (ACE 2019) Singapore (DOI: 10.5176/2301-394X_ACE19.613)
34. Sharma Sunil, Kumar Ashwani, Kumar Nand, Gupta Sobhagyawati, (2018) **Developing A Net Zero Energy Building: A Case Study Of An Institutional Library**, International Conference on Urban Sustainability: Emerging Trends, Themes, Concepts & Practices, MNIT Jaipur, March 16th – 18th, ISBN: 9789386238481
35. Garg Neeti, Kumar Ashwani, Pipralia Satish, Kumar Parveen (2018) **Sustainable Building Materials For Energy Efficiency**, International Conference on Urban Sustainability: Emerging Trends, Themes, Concepts & Practices, MNIT Jaipur, March 16th – 18th, ISBN: 9789386238481
36. Sharma Manish, Kumar Nand, Kumar Ashwani (2018), **Need For Water Management: A Case of Jaipur**, International Conference on Urban Sustainability: Emerging Trends, Themes, Concepts & Practices, MNIT Jaipur, March 16th – 18th, ISBN: 9789386238481
37. Jawaid M. F., Pipralia S., Kumar A.,(2017) **Environmental Responsive Planning and Regulations in India: An Analysis**, ASCE India Conference Urbanization Challenges In Emerging Economies, Energy and Water Infrastructure; Transportation Infrastructure; and Planning and Financing, American Society of Civil Engineers, ISBN 978-0-7844-8202-5 (PDF) (<https://ascelibrary.org/doi/pdf/10.1061/9780784482025.045>)

38. Kumar N., Kumar A. , Sharma S., (2017) **The Quest for Environmental Sustainability in Educational Institutions**, International Conference on Trends in Architecture and Construction- 2017, Chandigarh India, 18th September 2017
39. Garg N., Kumar A. , Pipralia S., Kumar P., (2017) **Design Parameters for Energy Efficient Building Fabric in Residential Buildings**, International Conference on Trends in Architecture and Construction- 2017, Chandigarh India, 18th September 2017
40. Kumar N., Kumar A. , Venkata S.S., Yadav K.G., Krishnani V., (2017) **Need for Preserving Green Spaces, A Case of Walled City, Jaipur**, International Conference on Trends in Architecture and Construction- 2017, Chandigarh India, 18th September 2017
41. Kumar N., Kumar A. , Varun B.M., (2017) **Review of Building Byelaws of Walled City Jaipur** , International Conference on Trends in Architecture and Construction- 2017, Chandigarh India, 18th September 2017
42. Kumar A, (2017), **Building Regulations for Safety from Disasters in Indian Hill Towns: Problems and Prospects**, International Conference on Theory of Architectural Design: Global Practices amid Local Milieu, 14th -16th April 2017 SMVDU Katra, McGraw Hill Education (India) P. Ltd. (ISBN no. 978-93-5260-628-3) pages: 148-158
43. Sharma M., Kumar N., Kumar A, (2017), **Need for Disaster Risk Resilience: A Case of India** , International Conference on Theory of Architectural Design: Global Practices amid Local milieu, 14th -16th April 2017 SMVDU Katra, McGraw Hill Education (India) P. Ltd. (ISBN no. 978-93-5260-628-3) pages: 290-293
44. Randhawa A., Kumar A, (2017), **Exploring Livability as a Dimension of Smart City Mission (India)**, International Conference on Theory of Architectural Design: Global Practices amid Local milieu, 14th -16th April 2017 SMVDU Katra, McGraw Hill Education (India) P. Ltd. (ISBN no. 978-93-5260-628-3) pages: 355-361
45. Garg N. , Kumar A. , Pipralia, S., Kumar P. , (2017) **Retrofitting Neighbourhoods for sustainable urbanism**, International conference on sustainable built environment, 3rd – 5th February 2017, IIT Roorkee
46. Pipralia S., Kumar A., Jawaid F., (2016), **Exploring the Imageability of Urban Form in Walled City Jaipur**, 4th Annual International conference on Architecture and civil engineering (ACE 2016) from 24-26 April 2016 Singapore (ISSN: 2301-394X), (doi: 10.5176/2301-394X_ACE16.43)
47. Sharma K.V., Pipralia S., Kumar A., (2016), **Modifying the Geometric and Operational Design of Truck Terminal in Ajmer city, Rajasthan**, International Conference on Recent Trends in Engineering and Material Sciences (ICEMS-2016), Jaipur National University 16-19 March 2016

48. Sharma K. V., Kumar A., **Role of Infrastructure for Increasing Tourist Influx in Rajasthan: a Critical Review**, 7th International Congress of Environmental Research by JERAD at Bangalore / 475 / 26th -28th December, 2014
49. Kumar A., Sharma S., Sharma A., **“Green Buildings: A Requisite for Development in Hill Towns”**, The 5th International conference of the International Forum on Urbanization (IFOU) 2011 Global Visions: Risks and Opportunities for The Urban Planet, National University of Singapore Singapore, 24-26 February 2011.[available on <http://www.ifou.org/globalvisions2011/IFoU%20Proceedings.pdf>]
50. Sharma A., Kumar A., Sharma S., **“Design Guidelines for Sustainable Campuses”**, international conference on clean energy technologies and energy efficiency for sustainable development (ENERSTATE 2010) organized by UTU Dehradun, HBTI Kanpur, SCE Dehradun on 27-29 December 2010.
51. Sharma S., Kumar A., Sharma A., **“New Urbanism Model for Indian Cities”**, International Conference on Urbanism and Green Architecture, National Institute of Technology Hamirpur, 30-31 October 2010.
52. Kumar A., Sharma S., Sharma A., **“Role of Building Regulations for Energy Optimization in Hill Towns”**, submitted in International conference on Advances in Renewable Energy ICARE 2010, organized by Department of Mechanical Engineering, MANIT Bhopal from June 24-26 2010. Published in proceedings Vol II p.p 168-177.

PAPER PRESENTED IN NATIONAL CONFERENCES

- i) Kaur A., Singh A., Kumar A., **“Disaster Mitigation-Indian Scenario”**, National Conference on Technology for Disaster Mitigation (TDM), held on 29th – 30th September 2006 at NIT Hamirpur.

BOOKS PUBLISHED /EDITED

- i) Edited National Conference proceedings on **CIITIES 2050: Planning, Governance and Management, 23rd -24th July 2021**, MNIT Jaipur, March 16th – 18th, ISBN: 978-1-68576-222-3 (co-editors Dr. Tarush Chandra, Dr. Nand Kumar, Dr. Satish Piralia, Dr. Bhavna Shrivastava and Dr. Gireendra Kumar) published by INSC International Publishers
- ii) **‘Planning interventions for Non-motorized Transportation in Chandigarh City’** (2019), ISBN No. 978-613-4-97671-8 based on research conducted in M.Plan Dissertation by Meenu Chaudhary, Ashwani Kumar published by Lambert Academic Publishing, Germany
- iii) Edited International Conference proceedings on **Urban Sustainability: Emerging Trends, Themes, Concepts & Practices**, MNIT Jaipur, March 16th – 18th, ISBN:

978-93-86238-48-1(co-editors Dr. Tarush Chandra, Dr. Satish Piralia, Dr. Nand Kumar and Dr. Pooja Nigam) published by Excellent Publishing House India

- iv) Edited conference proceedings on ‘**Urban Environmental Management in India: Problems and Prospects**’ (2017), ISBN No. 978-93-86238-12-2(co-editors Dr. Tarush Chandra, Dr. Satish Piralia, Dr. Nand Kumar, Dr. Pooja Nigam and Ar. Niruti Gupta), published by Excellent Publishing house India
- v) Edited conference proceedings on ‘**Sustainable Neighbourhoods: Theories and Practices**’ (2014), ISBN No. 978-93-83083-52-7 (co-editors Dr. Satish Piralia, Ar. Niruti Gupta and Ar. Pooja Nigam), published by Excellent Publishing house India
- vi) ‘**Multi-storied Buildings in Hill Regions – A Study of Multi-storied buildings in Shimla**’ (2013), ISBN No. 978-3-659-33437-5 based on research conducted in M.Arch. Dissertation published by Lambert Academic Publishing, Germany

BOOKS CHAPTER PUBLISHED

- i) Shradha Chandan, Bansari Sharma, Satish Pipralia, Nand Kumar & Ashwani Kumar, 2023, **Mainstreaming Community Engagement and Participation in Urban Planning Education: A Case Study of MNIT, Jaipur**, Community Engagement in Higher Education: From Theory to Practice, Edited By Manju Singh, Purva Bhatt, Wafa Singh, Kumar Sambhav Pareek [ISBN no. 9781032195773]
- ii) Manish Sharma, Dr. Nand Kumar and Dr. Ashwani Kumar, 2022, **Existing resilience framework for disaster risk management in India**, 5th World Congress on Disaster Management (WCDM), Routledge publication [ISBN 9781032355429]
- iii) Dadhwal Adite, Kumar Ashwani, 2022, **Planning strategies to improve deteriorating living environment of hill towns: A case of Dharamshala**, D. K. Ashish, J. de Brito (eds.), Environmental Concerns and Remediation [https://doi.org/10.1007/978-3-031-05984-1_15] eBook ISBN 978-3-031-05984-1
- iv) Goswami, S., Kumar, A. (2022). **Problems and Prospects of Heritage Based City Development in India**. In: Ashish, D.K., de Brito, J. (eds) Environmental Restoration. F-EIR 2021. Lecture Notes in Civil Engineering, vol 232. Springer, Cham. [https://doi.org/10.1007/978-3-030-96202-9_9]
- v) Sangwan, A., Saraswat, A., Kumar, N., Pipralia, S., & Kumar, A. (2022). **Urban Green Spaces Prospects and Retrospect’s**. In R. A. Castanho, & J. C. Fernández (Eds.), Urban Green Spaces [Working Title]. IntechOpen. [<https://doi.org/10.5772/intechopen.102857>] [ISBN. 978-1-80355-157-9]
- vi) M. F. Jawaid, Satish Pipralia, Ashwani Kumar, 2018, **Environmental Responsive Urban Planning and Regulations in India: An Analysis**, Urbanization Challenges in Emerging Economies : Energy and Water Infrastructure; Transportation Infrastructure; and Planning and Financing . 2018 [<https://doi.org/10.1061/9780784482025.045>]

INTERNATIONAL AND NATIONAL CONFERENCES ORGANIZED

- i) Organized National Conference on **‘Sustainable Neighbourhoods: Theories and Practices’** on 21st and 22nd February 2014 at Department of Architecture and Planning, MNIT Jaipur
- ii) Organized National Conference on **‘Urban Environmental Management in India: Problems and Prospects’** on 20th and 21st January 2017 at Department of Architecture and Planning, MNIT Jaipur
- iii) Organized International Conference on **‘Urban Sustainability: Emerging Trends, Themes, Concepts and Practices’**, from 16th to 18th March, 2018 at Department of Architecture and Planning, MNIT Jaipur
- iv) Organized National Conference on **‘CITIES2050: Planning, Governance and Management’**, from 23rd to 24th July 2021 at Department of Architecture and Planning, MNIT Jaipur

ADVISORY AND TECHNICAL COMMITTEE MEMBERSHIP OF CONFERENCES

- i) Co-chaired a session at International Conference on **Future Cities-2019**, 11th to 13th December 2019 IIT Roorkee
- ii) Member Technical committee and Review Committee for International Conference on **Future Cities-2019**, 11th to 13th December 2019 IIT Roorkee
- iii) Chaired a session at International Conference on Theory of Architectural Design: Global Practices amid Local milieu, SMVDU Katra (India) 14th -16th April 2017
- iv) Member Technical committee and Review Committee for International Conference On ‘Theory of Architectural Design: Global Practices amid Local Milieu, scheduled to be held on 14th and 16th April 2017 at SMVDU Katra
- v) Chaired a session at National Conference on **‘Urban Environmental Management in India: Problems and Prospects’** on 20th and 21st January 2017 at Department of Architecture and Planning, MNIT Jaipur
- vi) Chaired a session International Conference on **‘Urban Sustainability: Emerging Trends, Themes, Concepts and Practices’**, from 16th to 18th March, 2018 at Department of Architecture and Planning, MNIT Jaipur

MEMBER OF NATIONAL LEVEL COMMITTEES

- Member IGBC Technical committee to develop a consensus on the standards for green hill towns & cities constituted by IGBC India
- Member, Committee of Experts for Planning and Architectural Framework for Hill Regions, constituted By NITI Aayog, Govt. of India

EXPERT LECTURE/TALK DELIVERED

- i) Delivered an expert talk on “Framework and Approaches for research in Architecture and Planning” 5-day online Faculty Development program on “Methodology & Exploration in Architectural and Planning Research”, COA-TRC Bhopal Sunder Deep College of Architecture & Planning, Ghaziabad on 26th April 2023
- ii) Delivered an expert talk on “**Academic Research Writing and Publication Process**” 5-day online Faculty Development program on “Research Writing and Publication in Architecture and Planning, COA-TRC Bhopal and JBR Architecture College, Hyderabad on 30th March 2023
- iii) Delivered an expert talk on “**Site Selection And Analysis For Lower Hilly Areas**” National Online Faculty Development Program on “The Site - Its Relevance To The Design”, COA-TRC, Pune and the Appasaheb Birnale College of Architecture, Sangli, Maharashtra-, 8th November 2022
- iv) Delivered an expert talk on “**Analysis of Hilly Areas-Desert(Leh-Ladakh)**” National Online Faculty Development Program on “The Site - Its Relevance To The Design”, COA-TRC, Pune and the Appasaheb Birnale College of Architecture, Sangli, Maharashtra-, 8th November 2022
- v) Delivered an expert talk on “**Developmental regulations for safety against hazards**” Online Training Program on “Pre and Post Disaster Management Strategies for Built Environment”, National Institute of Disaster Management and Amity School of Architecture and Planning, Amity University Rajasthan, 10th October 2022
- vi) Delivered an expert talk on “**Vernacular Construction techniques in Cold & Dry & Cold & Humid climate zones. (Hills)**” National Online Faculty Development Program on ‘Vernacular Architecture and Traditional Constructional Practices in Indian Cities,’ COA-TRC, Bhopal and the Apeejay Institute of Technology School of Architecture and Planning, Greater Noida, 22nd September 2022
- vii) Delivered an expert talk on “**Strategies for the design of buildings in Hill regions**” National Online Faculty Development Program on ‘Building Services and their implementation in Architectural Design,’ COA-TRC, Bhopal and KR Mangalam University, Gurugram, 25th August 2022
- viii) Delivered an expert talk on “**Development Regulations for Hill Towns**” National Online Faculty Development Program on ‘Sustainable Hillside Development (SHD 2022),’ COA-TRC, Bhopal and the Department of Architecture, Planning and Design, IIT (BHU), Varanasi, 16th February 2022

- ix) Delivered an expert talk on “**Research problem formulation and overview of research design for architects and planners**” Executive Development Programme on Quantitative Tools for Qualitative Research in Planning and Design, hosted by School of Architecture & Design and Department of Interior Design, Manipal University Jaipur, 8th December 2021
- x) Delivered an expert talk on **Building Regulations For Disaster Resilient Built Environment**, 'National Online Faculty Development Program (FDP) on Resilience in Architecture and Planning, Department of Architecture, Aligarh Muslim University on 5th September 2021
- xi) Deliver a Talk on **Development Predicaments in Hill Stations- A perspective on Building Regulations of Shimla**, during webinar on High Altitude North Indian Settlements- Shared built and Ecological Heritage, organized by ICOMOS India on 29th August 2021
- xii) Deliver an expert Talk on **Energy and Building Byelaws**, STP on “Energy Efficient Building Technology” (EEBT-2021), January 04, 2021, NIT Hamirpur
- xiii) Deliver an expert Talk on **Traditional Wisdom for Achieving disaster resilience and sustainable development**, during DST-NIMAT sponsored FDP on The Challenges of Strengthening Green Technology Entrepreneurship, January 15, 2020, MNIT Jaipur
- xiv) Deliver an expert Talk on **Overview of Research and Research Problem formulation** at TEQIP III Sponsored STTP on System Dynamics Simulation and Research Techniques on August 31st 2019 at MNIT Jaipur
- xv) Delivered a talk on **Developmental Regulations for Hill Towns** at IGBC’s First National Workshop on Green Hill Habitat on 23rd August 2019 at IIT Roorkee
- xvi) Delivered an expert talk on **Sustainability and Energy Concerns in Built Environment** at Teacher’s Training Programme on Sustainable and Energy Efficient Buildings, Department of Architecture and Planning, MNIT Jaipur on 25th February 2019
- xvii) Delivered an expert talk on **Introduction to Vernacular architecture** at Teacher’s Training Programme on Vernacular Architecture and Traditional Constructional Practices in Hot and Dry Climate Region, Department of Architecture and Planning, MNIT Jaipur 21st May 2018
- xviii) Delivered an expert talk on **Developmental regulations: An Introduction**, at Teacher’s Training Programme on Development Regulations and Built Environment, Department of Architecture and Planning, MNIT Jaipur 22nd January 2018

ACHIEVEMENT S

- i) Got A3F Teacher Award 2023 from A3 foundation Chandigarh on 18th March 2023.
- ii) Got **Best oral presentation award** for paper Shipra Goswami, Ashwani Kumar, 2021, **Problems And Prospects of Heritage Based City Development In India'**, during the Environment Concerns and its Remediation (F-EIR) Conference 2021, October 18 – 22, 2021, Chandigarh
- iii) Got Best student paper award for **Exploring the Imageability of Urban Form in Walled City Jaipur**, 4th Annual International conference on Architecture and civil engineering (ACE 2016) from 24-26 April 2016 Singapore (2016) (ISSN: 2301-394X), (doi: 10.5176/2301-394X_ACE16.43)
- iv) Got A3F Architectural Journalism Award 2017 from A3 foundation Chandigarh on 18th November 2017.
- v) Got A3F Architectural Journalism Award 2018 from A3 foundation Chandigarh
- vi) Ph. D Scholar Mr. Manish Sharma got "IPID4all" program funded by the DAAD and went to Technische Universitat Damstrat Germany for 04 months from October 2, 2018 to February 1, 2019.

INTERNATIONAL JOURNAL PAPER REVIEW

Reviewed papers for the following international journal of repute:

Year	Name of the Journal	Number of manuscript reviewed
2015	Journal of The Institution of Engineers (India): Series A	01
2016	Journal of The Institution of Engineers (India): Series A	01
	Journal of Environmental Planning and Management	01
	Frontier in Architectural Research	01
2017	Cities Journal	01
2018	Journal of The Institution of Engineers (India): Series A	01
	Urban Studies	01
	Frontier in Architectural Research	01
	Cities Journal	01
	Journal of Urban Management	01
2019	Energy Efficiency	01
	Journal of Urban Technology (Invitation received)	01

	Frontier in Architectural Research	02
	Journal of International Medical Research	01
2020	Frontier in Architectural Research	01
	Journal of The Institution of Engineers (India): Series A	01
2022	Geographies	01
	Land	01
	Sustainability Journal	02
	Journal of Urban Management	01
2023	Sustainability Journal	01
	International Review for Spatial Planning and Sustainable Development	01
	Cities Journal	01
	Total	27

SHORT TERM TRAINING COURSES ORGANIZED

- i) Teacher's Training Programme on **Energy Efficient Building Design**, Department of Architecture and Planning, MNIT Jaipur 18th to 22nd December 2017
- ii) Teacher's Training Programme on **Development Regulations and Built Environment, Department of Architecture and Planning**, MNIT Jaipur 22nd to 26th January 2018.
- iii) Teacher's Training Programme on **Vernacular Architecture and Traditional Constructional Practices in Hot and Dry Climate Region**, Department of Architecture and Planning, MNIT Jaipur 21st to 25th May 2018
- iv) Short Term Training Programme on on "**Application of System Dynamics Modeling & Research Methodology**" from 4th to 8th September 2018, TEQIP-III sponsored at MNIT Jaipur
- v) Short Term Training Programme on on "**Application of Remote Sensing and GIS in Preperation of Master Plan and Zonal Development Plan**" from 31st January to 4th February 2019 , TEQIP-III sponsored at MNIT Jaipur
- vi) Teacher's Training Programme on **Sustainable and Energy Efficient Buildings**, Department of Architecture and Planning, MNIT Jaipur 25th February to 1st March 2019
- vii) Conducted one week on **Indiginious Built Forms in Mountain Regions of India and Implementation of Building Codes** course at HIA Ladakh from 17th to 21st June 2019
- viii) Short Term Training Programme on on "**System Dynamics Simulation & Research Techniques**" from 31st August to 4th September 2019, TEQIP-III sponsored at MNIT Jaipur

- ix) Short Term Training Programme on "**Formulation of City Master Plans and Use of Geospatial Technologies**" from 21st to 25th February 2020, TEQIP-III sponsored at MNIT Jaipur
- x) Short Term Training Programme on "**Application of Remote Sensing and GIS in Urban Planning**" from 11th to 15th March 2021, TEQIP-III sponsored at MNIT Jaipur

GIAN COURSE ORGANIZED

- i). GIAN Course on Climate Responsive design Development for Energy Efficient Buildings, Foreign Expert Dr. Wolfgang Kessling, organized at Department of Architecture and Planning, MNIT Jaipur 5th to 9th February 2018
- ii). GIAN Course on City Energy Management Modeling and Practice, Foreign Expert Mr. Andrey Dodonov, organized at Department of Architecture and Planning, MNIT Jaipur 10th to 14th March 2018

REGISTRATION & MEMBERSHIPS

- i) Registered with Council of Architecture, New Delhi, under registration no.

CA/ 2005/ 36242.

- ii) Life Member Indian Building Congress (**Membership No. ML-6972**)

M.PLAN. DISSERTATION SUPERVISION

S. no	Name of student	Thesis topic	Session	Institute
1	Sunil Kumar	Strategies for Solid Waste Management for Jammu City	2013-14	MNIT Jaipur
2	Kul Vaibhav Sharma	Planning for Tourist Infrastructure in Jaisalmer	2014-15	MNIT Jaipur
3.	Meenu Chaudhary	Planning for Non Motorized Transport in Muzaffarnagar City	2015-16	MNIT Jaipur
4	Aman Randhawa	Planning interventions for smart development in Ludhiana	2016-17	MNIT Jaipur
5	K.Ghanshyam Singh	Urban redevelopment in core city area of Jaipur	2018-19	MNIT Jaipur
6	Shradha Chandran	Planning Interventions for Urban Revitalization of the Heritage Zone in Puri	2018-19	MNIT Jaipur
7	Adite Dadhwal	Planning Strategies For Urban Development Of Hilly Region: A Case Of Dharamshala, H.P.	2019-20	MNIT Jaipur
8	Hari Ilam Vazhuthi N	Planning Interventions For Urban Flood Resilience: A Case Study Of Chennai	2019-20	MNIT Jaipur
9	Shipra Goswami	Heritage based urban development in city core areas: A case of Jaipur city	2020-21	MNIT Jaipur
10	Rongsentila Imsong	Strategies For Urban Development In Kohima City	2021-22	MNIT Jaipur
11	Rhitwik Gupta	Strategies for Urban Heat Island Effect Mitigation for Jaipur City, Rajasthan	2022-23	MNIT Jaipur

12	Vivek Kumar Ahirwar	Strategies for improving tourism infrastructure in the Shekhawati region, Rajasthan	2022-23	MNIT Jaipur
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B.ARCH THESIS SUPERVISION

S. no	Name of student	Thesis topic	Session	Institute
1	Anshu Dadwal	Institute of Hotel management	2006-07	NIT Hamirpur
2	Baljeet Thakur	Software Technology Park	2006-07	NIT Hamirpur
3	Kamal kishore	National Institute of Fashion Technology	2006-07	NIT Hamirpur
4	Rishi Raj Gupt	Marine Archeological Museum	2006-07	NIT Hamirpur
5	Soumiel	National Institute of Design , Kurukshetra	2013-14	MNIT Jaipur
6	Ashish Lodha	450 bedded Hospital, Gandhinagar	2013-14	MNIT Jaipur
7	R Lallawmkima	National Institute of Technology , Mizoram	2013-14	MNIT Jaipur
8	Lokesh Goyal	New Delhi District Courts Complex	2013-14	MNIT Jaipur
9	Akshay Kumar Bishnoi	Indian Institute of Technology, Jodhpur	2013-14	MNIT Jaipur
10	Vijay Singh Damor	IIM Udaipur	2014-15	MNIT Jaipur
11	Ravindra S.Saini	Five star hotel, Ahmedabad	2014-15	MNIT Jaipur
12	Ramniwas Saini	Institute of Nano science, Mohali - Punjab	2014-15	MNIT Jaipur
13	Atul Kumar	Police Training Academy, Rajgiri- Bihar	2014-15	MNIT Jaipur
14	Nishant Bhatnagar	ISBT, Dwarka	2015-16	MNIT Jaipur
15	Soumya Mishra	Children's Village at Jhag Jaipur	2015-16	MNIT Jaipur
16	Shivani Akar	Five Star Hotel at Jagatpura Jaipur	2015-16	MNIT Jaipur
17	Vipin Kumar	Army War Museum cum Memorial Amritsar	2015-16	MNIT Jaipur
18	Sagrika Sharma	Indian Habitat Center at Nodia	2016-17	MNIT Jaipur
19	Kulwant Kaur	Residential School at Mandi (H.P.)	2016-17	MNIT Jaipur
20	Himanshu Godara	Research & development institute for Artesian empowerment and craft revival at Jaipur	2016-17	MNIT Jaipur
21	Rinya Kaye	NID Joharhat, Assam	2016-17	MNIT Jaipur
22	Jitesh Sapra	National Museum of Architecture, New Delhi	2017-18	MNIT Jaipur
23	Rishab Goyal	City Time Mall	2017-18	MNIT Jaipur
24	Misha Sharma	Arts and Crafts Village	2017-18	MNIT Jaipur
25	Tanya Aggarwal	Institute of Design Ujjain	2017-18	MNIT Jaipur
26	Sakshi Goyal	Corporate Building Gurugram	2017-18	MNIT Jaipur
27	Ashish Kumar Bhagotiya	National centre of Performing arts, New Delhi	2018-19	MNIT Jaipur
28	Vidhi Bhargava	Wellness resort, Bhimtal	2018-19	MNIT Jaipur

29	Vinay Ganesh	National war and armed forces museum, New Delhi	2018-19	MNIT Jaipur
30	Simran Sheron	Exhibition and Convention Center Delhi	2018-19	MNIT Jaipur
31	Rajesh Kanaujia	Interstate Bus Terminal	2019-20	MNIT Jaipur
32	Anchal Choudhary	Jawahar Navodaya Vidyalaya	2019-20	MNIT Jaipur
33	Anil Kumar	Science Centre Ajmer	2019-20	MNIT Jaipur
34	Yashika Sharma	Institute of Advanced Farming Skill Development	2020-21	MNIT Jaipur
35	Ritambra Singh	Arcadian Hilly Resort, Bhimtal Uttrakhand	2020-21	MNIT Jaipur
36	Manisha Dhamachiya	Desert Resort	2020-21	MNIT Jaipur
37	Ritu Chaudhary	Sainik School Alwar	2021-22	MNIT Jaipur
38	Jayant Meena	Redevelopment of Udaipur railway station	2021-22	MNIT Jaipur
39	Amandeep	Jawahar Navodaya Vidyalaya, Navada, Hapur,	2021-22	MNIT Jaipur
40	Abhishek Soni	IIM Sirmour (H.P.)	2022-23	MNIT Jaipur
41	Anvesha Singh	COMMERICAL Complex Dwarka	2022-23	MNIT Jaipur
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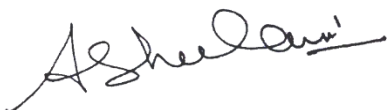
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PAPER SETTER AND EVALUATION

- Act as External Examiner for B.Arch Thesis Project at Amity University Jaipur in the month of June 2021

- ii) Act as External Examiner for B.Arch 2nd Year Architectural Design at Pt. Lakhmi Chand State University of Performing & Visual Arts, Rohtak. in the month of June 2021
- iii) Act as External Examiner for B.Arch. Thesis project at Purnima University in the month of November 2019
- iv) Act as External Examiner for B.Arch. Thesis project at AMU Aligarh in the month of November 2019
- v) Act as External Examiner for Special Study course of M.Arch. at AMU Aligarh in the month of December 2018
- vi) Act as External Examiner for viva of Architectural Design at SMVDU Katra in the month of November 2018
- vii) Act as paper setter for 01 subjects of B.Arch. at National Institute of Technology Hamirpur, December 2013, May 2014, December 2017
- viii) Act as paper setter for 01 subjects of B.Arch. at Integral University Lucknow, May 2016 and December 2017
- ix) Act as paper setter and evaluator for 02 subjects of B.Arch. at Jagannath University Jaipur, December 2013
- x) Act as external jury member for Architectural Design III Year at Amity University Jaipur, December 2013
- xi) Act as paper setter for 01 subjects of B.Arch. at National Institute of Technology Hamirpur, May 2014
- xii) Act as external jury member for B.Arch. Thesis at Lovely Professional University Jalandhar, May 2014
- xiii) Act as external jury member for M.Arch. Thesis at Lovely Professional University Jalandhar, May 2014
- xiv) Act as paper setter B.Arch. Course of Galgotia University (May 2015, December 2015, May 2016 and December 2016 Examinations)
- xv) Act as jury member in Rubens trophy and Architectural Design competition in Zonal NASA (Zone 4) at Invertis University, Bareilly on 03rd October 2016.
- xvi) Act as External Examiner for viva voce at Priyadarshani Institute of Architecture and Design Studies Nagpur on 21st and 22nd November 2016.
- xvii) Act as External Examiner for viva of Architectural Research at Poornima University on December 2016



ASHWANI KUMAR