

## Bio-Data

### I. Educational Qualification

Course	Institute/University	Percentage Marks	Position/Grade	Specialization
Ph.D.	IIT Roorkee, Uttarakhand	Pursuing since January 2022		Architecture
Masters in Architecture (M.Arch.)	Gateway College, Sonipat (Haryana)	64.5%	1 <sup>st</sup> Division	Architecture
Bachelors in Architecture (B.Arch.)-05 year UG degree course	NIT Hamirpur (H.P.)	9.11/10	Overall batch topper (Gold medalist)	Architecture
Class 12 <sup>th</sup>	J&K state board	87%	Distinction	Non-Medical
Class 10 <sup>th</sup>	J&K state board	80%	Distinction	---
GATE	<u>Qualified in 2008, 2011 and 2022</u>			Architecture

### II. Career Profile

- Regular Ph.D. scholar at IIT Roorkee – (Jan 2022 to December-2024, through study leave).
- Full time Assistant Professor at SMVD University, Katra-3rd Aug, 2009 till date.
- Life-time Fellow of Indian Institute of Architects (FIIA).
- Reviewer of eminent scientific journals/publishers like ‘Scientific Reports’ (Nature Portfolio).
- Life-time fellow of ISDS-Japan.
- As an Architect with ‘The Creators’ Chandigarh - March, 2009 to Aug 2009.
- As an Architect with ‘Arch En Design’ at New Delhi - May, 2008 to Feb, 2009
- As an Architect Intern with ‘Arch En Design’, New Delhi - Dec, 2007 to April, 2008
- Architect Intern at ‘B V Sharma and Associates, Jammu - June, 2006 to July, 2006
- Research profile (as on 16<sup>th</sup> June, 2025): Citations=121, h-index=7, i10-index = 4 (G-scholar)  
Citations=99, h-index=6, R-score =208 (R-Gate)  
Citations=44, documents=13, h-index=4 (Scopus)**

### III. Awards and Medals

- B.Arch. Gold medalist for the batch 2003-08 at NIT-Hamirpur (H.P)
- Won the prize for one among the top faculty performers in the University, session 2017-18.
- SERB-International travel grant for attending 19<sup>th</sup> SDEWES at Spanezia University, Rome.
- Dean of Resources and Alumni (DORA), IIT Roorkee’s international travel support to attend good conferences abroad in 2024.
- Gold Medals and elite certifications for the NPTEL MooC courses.
- Letter of appreciation/commendation for the contribution in various constructions at SMVD University Campus from 2015-19.
- Letter of appreciation for selfless work in admissions at SMVDU for 09 years.
- ICSSR-International travel grant for 19<sup>th</sup> SDEWES conference during September-2024.
- CSIR awarded the international air travel grant for 18<sup>th</sup> SDEWES conference in Sept, 2023.
- Best paper award during cognizance at IIT Roorkee in March, 2007. (during B.Arch.)

## **IV. Total Experience: 17 Years**

### **Teaching and Research: 15 Years 10 months**

- i. Working as a faculty in Architecture (Asth. Professor), Shri Mata Vaishno Devi University Katra (J&K) from 03rd Aug-2009 till date.  
(Major Subjects : Architectural Design, Theory of Design, Building Acoustics, Hill Architecture, Theory of Human Settlements, Housing, Architectural Drawing etc.)
- ii. Working as Ph.D. scholar (Full time-in service) at department of Architecture, IIT Roorkee, India from Jan,2022 till December-2024.
- iii. Thesis Guided: 44 Thesis (B.Arch. Major project) guided till date pertaining to variety of Architecture Projects.
- iv. Dissertation Guided: 45 Dissertation (B.Arch.) guided till date.
- v. Editorial board/Reviewer board in international scientific journals of repute (including SCI/Scopus indexed).

### **Professional Experience: 17 Years**

- i. As an Architect (Asth. Prof.) at “Shri Mata Vaishno Devi University” from 2009 till date.  
buildings within University Campus) –Institutional Consultancy & technical support.  
(Major Projects: played part in planning and construction of Hostel Buildings, Guest House Extension SMVDU, Staff Housing (3- BHK apartment building), Computer Lab layouts, Electronics Lab layout, Council Hall-SMVDU, University’s PRO office Design, Director’s office with Conference & PA (Electronics Department, SMVDU) etc.
- ii. As an Architect at “The Creators, Chandigarh” from March 2009 to July-2009.  
(Major Projects: College Campus at Mohali (India), Institute of Hotel management at Hissar (Haryana-India), Residences in Chandigarh etc.
- iii. As an Architect at “Arch En Design, Hauz Khas, New Delhi” from May-08 to Feb- 2009.  
(Major Projects: Central Prison Complex at Agartala (Tripura), Subsidiary Training Centre for BSF ( 300 Acres Site) at Chakur (Maharashtra), India; CRPF Training center at Latur (400 Acres Site) , Maharashtra, India; Tribal University Master Plan Competition Entry (600 Acres Site) at Amarkantak (M.P), India; 200 Bedded Sadar Hospital at Ranchi, India ( Residential Area); 650/900 bedded hospital for Northern command at Udhampur (J&K), India; CRPF training center at Noida; DAMB- Fruit and vegetable market complex at Azadpur, Delhi-India; Residences for eminent politicians; Extension Blocks for institute of Medical Sciences at Kanpur-KGMC (India); Extension & Amendments in Master Plan of Govt. Medical College- Agra (India); Proposal for new Academic Blocks at NIT- Durgapur; NIT-Rourkela & IIT-Kharagpur, India.)

- iv. As a Trainee Architect at “Arch En Design, Hauz Khas, New Delhi” from Dec-07 to April-2008.  
(Major Projects: Subsidiary Training Centre for BSF ( 300 Acres Site) at Chakur (Maharashtra), India; CRPF Training center at Latur (400 Acres Site) , Maharashtra- India, typical details of 650/900 bedded hospital for Northern command at Udhampur, India).
- v. As a Trainee Architect at “B.V. Sharma & Associates” Jammu for 45 days in June-July-2006.  
(Major Projects: Competition Entry for Nursing College at Ludhiana, Punjab (India); Details for on-going projects i.e. SKAUST-Jammu & SMVD University, Katra; Residences: Planning, Design & 3-D's located in Jammu.

#### **Administration Experience 10 Years**

- i. Faculty I/c –Stores and procurement Section, SMVDU from Oct-2018 to July, 2019.
- ii. Asst. Director at “Directorate of Quality Assurance” at Shri Mata Vaishno Devi University, Katra (From March 2025 till date)
- iii. Deputed to represent Registrar SMVDU before State govt. administration for opening up of Architecture Colleges in J&K.
- iv. I/c of Head of department on many occasions from 2012 till date.
- v. Invited expert member in ‘board of assessors’ for designing of green building for PDD-Govt. of J&K.
- vi. ‘Warden’- Basohli Boys Hostel, SMVDU from Feb-2025 till date.
- vii. Member secretary-Board of assessors for selection of an architect/architectural firm for designing buildings at SMVDU through architectural competition in 2018-19.
- viii. Special invitee member in the central purchase committee of Engg. works –SMVDU from 2016 till date.
- ix. Deputy I/c (deputy chairman) and Member of centralized admission committee for B.Tech./B.Arch. at SMVDU through various processes (including counseling) from 2011 till date.
- x. Member in 4-member technical committee (from 2019 till date) constituted for vetting and recommending the engineering works, SMVDU from technical and financial point of view.
- xi. Special invitee member-Building works committee, SMVDU in 2019.
- xii. Member- board of studies for department of Architecture, Noida International University, India 2019-2021.
- xiii. Member- board of studies for School of Architecture, SMVDU.
- xiv. Member- board of studies for School of Civil Engineering, SMVDU.
- xv. Member- Faculty Development Center (FDC) at SMVDU.
- xvi. Member-publication and Media cell at SMVDU.
- xvii. Technical advisor and contributor for Design of Basohli Hostel, Faculty residential block, Guest house extension at SMVDU during 2017-20.
- xviii. Coordinated FDP on Teaching-Learning for Teachers at School of Architecture , SMVDU in 2017.
- xix. Coordinated hands on workshop using bamboo in Architecture in 2017 at SMVDU.
- xx. Coordinated ‘International Conference’ at School of Architecture, SMVDU involving Indian and abroad participation with wide appreciation in 2017.
- xxi. Thesis and Dissertation Coordinator from 2018-19 till 2020-21.
- xxii. Coordinated various site visits, invited talks and eminent architect’s visit at SMVDU on no. of occasions.
- xxiii. Faculty Coordinator: Establishment of IGBC student chapter in SoALD, SMVDU.

## V. List of Full Paper Publications In Journals

### SCI/SCI-E/ESCI/Scopus indexed Journals/Proceedings

- i. “Towards Sustainable Conventional Indian Houses: Linking Embodied Water-Energy Nexus to Pro-locals’ Architecture, Construction and Regulatory Reforms with Lifecycle Assessment and Scenarios Methods”, J. sustain. dev. energy water environ. syst. 2025, 13(2), 1130580. <https://doi.org/10.13044/j.sdwes.d13.0580>
- ii. “Improving the Buildings' Sustainability through Combined Matrix Assessment of Embodied Energy, Water, and Carbon: Case of Conventional Houses, Jammu – India”, J. sustain. dev. energy water environ. syst. 2024 , 12(2), 1120488. DOI: <https://doi.org/10.13044/j.sdwes.d12.0488>
- iii. “Embodied water-energy nexus towards sustainable building construction: Case of conventional Indian houses”, Journal of building engineering 2024, 83, 108453. <https://doi.org/10.1016/j.jobe.2024.108453>
- iv. “Decisive design and building construction technologies vis-à-vis embodied water consumption assessment in conventional masonry houses: Case of Jammu, India”, Energy and Buildings 2022, 277, 112588. <https://doi.org/10.1016/j.enbuild.2022.112588>
- v. “Investigating the effect of the building envelope and weather conditions on the transport and distribution of pollutants within residential buildings”. 56th International Conference of the Architectural Science Association 2023, M. Dewsbury, D. Tanton (eds.), pp. 448 - 462. © 2023 and published by the Architectural Science Association (ANZAScA). <https://archscience.org/paper/investigating-the-effect-of-the-building-envelope-and-weather-conditions-on-the-transport-and-distribution-of-pollutants-within-residential-buildings/>
- vi. “Potential Alternate Energy Resources for Sustainability: A Must Need for a top Pilgrimage City”, in Procedia Energy (Elsevier), Vol. 115 (2017) (June-2017) pp. 173-182 , ISSN: 1876-6102. <https://doi.org/10.1016/j.egypro.2017.05.047>
- vii. “Restructuring Architectural Education Post Covid-19: Professional Practice and Construction Industry Expectations”, Journal of Architecture and Engineering, ISSN 2500-0055, 7 (2), 29-41. <https://doi.org/10.23968/2500-0055-2022-7-2-29-41>
- viii. “Understanding Vernacular Architecture in terms of Sustainability: Lessons from Turkey and India”, ISVS (e-journal), (ISSN 2738-2222), 9 (1), 1-14. [https://isvshome.com/pdf/ISVS\\_9-1/ISVS\\_9.1.1\\_Aastha\\_Thappa\\_Final.pdf](https://isvshome.com/pdf/ISVS_9-1/ISVS_9.1.1_Aastha_Thappa_Final.pdf)
- ix. “Socio-cultural and Environmental Analysis of Vernacular Residential Designs: Houses of Jammu, India”, ISVS e-journal (ISSN 2738-2222), 9 (3), 124-138. [https://isvshome.com/pdf/ISVS\\_9-3/ISVS\\_EJ\\_9.3.8.pdf](https://isvshome.com/pdf/ISVS_9-3/ISVS_EJ_9.3.8.pdf)
- x. “Methodological Approach towards Reliving Katra: A Cultural Cluster for Tourism”, International Journal on Emerging Technologies 10(1): 169-175(2019) ISSN No: 0975-8364. [https://www.researchtrend.net/ijet/current\\_issue\\_ijet.php?taxonomy-id=57](https://www.researchtrend.net/ijet/current_issue_ijet.php?taxonomy-id=57)
- xi. “Conventional Architecture of Jammu: An Analytical Review”, International Journal of Emerging Technologies (ISSN:0975-8364)- 10(3):114-122 (Nov-2019). [https://www.researchtrend.net/ijet/current\\_issue\\_ijet.php?taxonomy-id=64](https://www.researchtrend.net/ijet/current_issue_ijet.php?taxonomy-id=64)
- xii. “Revitalizing the Urban Development Scenario- Contemporary Katra Town”. Procedia - Social and Behavioral Sciences 216 (2016) pp. 236-248. ISSN: 1877-0428. <https://doi.org/10.1016/j.sbspro.2015.12.033>
- xiii. “Design proposal for cultural cluster: case of Katra town, India”. Journal of Tianjin University Science and Technology, ISSN (Online): 0493-2137 e-Publication: Online Open Access Vol:55, Issue:06:2022, pp-602-614. <https://tianjindaxuexuebao.com/details.php?id=DOI:10.17605/OSF.IO/YJK2Q>

- xiv. “Need of Multi- hazard Risk Mitigation in Bihar”, IJET-International Journal of Emerging Technologies (ISSN:0975-8364)- 10(3):276-280 (Nov-2019).  
[https://www.researchtrend.net/ijet/current\\_issue\\_ijet.php?taxonomy-id=64](https://www.researchtrend.net/ijet/current_issue_ijet.php?taxonomy-id=64)
- xv. “New city model to reduce demand for transportation”. Procedia Engineering 21 (2011, Elsevier, 2011. International Conference on green buildings and sustainable cities (pp.1078-1087). ISSN: 1877-7058. <https://doi.org/10.1016/j.proeng.2011.11.2114>
- xvi. “A methodology to delineate peri-urban settlement typology in the context of Chandigarh region”. Journal of Tianjin University Science and Technology, ISSN (Online): 0493-2137 e-Publication: Online Open Access Vol:55, Issue:06:2022, pp-615-629.  
<https://tianjindaxuexuebao.com/details.php?id=DOI:10.17605/OSF.IO/SJVQB>

#### Publications in referred Journals/UGC journals/other peer-reviewed journals

- i. “Compact City as an option for making Indian Cities Smart and Sustainable”, Journal of the Indian Institute of Architects (JIIA), PP:11-15, Vol.Aug-2019. (available online at [www.indianinstituteofarchitects.com](http://www.indianinstituteofarchitects.com)). ISSN: 0019-4913
- ii. “Cultural Manifestation through Architecture-An Overview”, International Research Journal of Engineering and Technology-IRJET, a peer reviewed and **UGC indexed journal** – 06, 05 (May-2019) pp-487-491 (Impact factor 7.211). ISSN 2395-0056, 2395-0072
- iii. “Assessing Building Design and Construction Suitability Against Water Consumption: Indian Scenario”, Proceedings: EDRA 50 at Brooklyn, New York university, USA in May-2019. Available at <https://edra.confex.com/edra/EDRA50/meetingapp.cgi/Paper/5865>
- iv. “Transportation Planning as effective mean to rejuvenate a pilgrimage town”, International Research Journal of Engineering and Technology-IRJET, a peer reviewed and **UGC indexed journal** – 4, 11 (Nov-2017) pp-302-308 (Impact factor 6.171). ISSN 2395-0056, 2395-0072  
<https://www.irjet.net/archives/V4/i11/IRJET-V4I1154.pdf>
- v. “Advantages, Disadvantages and Challenges of Sustainable Vertical Cities”, International Research Journal of Engineering and Technology-IRJET, a peer reviewed and **UGC indexed journal** – 5, 01 (Jan-2018) pp-339-342 (Impact factor 6.171). ISSN 2395-0056, 2395-0072
- vi. “Strategies for Making Cities Sustainable and Livable in India”, Proceedings-Metagreen Dimensions, International Convention on Performance of Built Environment- Organized at College of Architecture (Trivandrum) from 7-9th Feb-2018- ISBN No. 978-93-5300-345-6, pp-156-160. (e-proceedings available at <http://cat.edu.in/interview/CAT%20proceeding%20%20-%20final>
- vii. “Evergreen Buffers as Screens in Landscapes”, International Research Journal of Engineering and Technology-IRJET, a peer reviewed and **UGC indexed journal** – 4, 11 (Nov-2017) pp-340-343 (Impact factor 6.171). ISSN 2395-0056, 2395-0072
- viii. “Sustainability vis-à-vis Culture and Tradition: Case of Diverse India.” Proceedings-Warmadewa University International Conference on Architecture and Civil Engg (Sustainability, Design and Culture); held at Warmadewa University, Indonesia-Bali 20-21 Oct, 2017; pp- 14-15. Publisher-Warmadewa University Press ([available at: https://wuicace.teknikunwar.ac.id/proceeding-wuicace2017/](https://wuicace.teknikunwar.ac.id/proceeding-wuicace2017/))
- ix. “Green Infrastructure Retrofit- A Sustainable Strategy for Indian city”, Int'l Journal of Research in Chemical, Metallurgical and Civil Engg. (IJRCMCE) Vol. 4, Issue 1 (2017) (Jan,2017). pp. 37-42, ISSN 2349-1442 E-ISSN 2349-1450.
- x. “A 21st century Indian Pilgrimage town as an impetus for urban development in surrounding remote places-Potentials and proposals”, proceedings: 1st International Conference on “Theory of Architectural Design: Global Practices Amid Local Milieu”,(SMVD University, Katra-India), pp-324-338, ISBN-13: 978-93-5260-628-2. (**Publisher: McGraw Hill education**).
- xi. “Pilgrimage City Renewal through Transport Planning Intervention”, proceedings: 1st International Conference on “Theory of Architectural Design: Global Practices Amid Local Milieu”,(SMVD University, Katra-India), pp-318-323, ISBN-13: 978-93-5260-628-2. (**Publisher: McGraw Hill education**).



- xii. "Thinking Spatially: Discourse on Spatiality of Yamuna Riverfront", published in "International Journal on Emerging Technologies", Vol. 8, Issue 1 (2017) ISSN 0975-8364 (pp:202-205). Impact Factor: 3.1
- xiii. "Development and Environment Interactions – Need for Climate Responsive Campuses: Study and Proposals", published in "International Journal on Emerging Technologies", Vol. 8, Issue 1 (2017) ISSN 0975-8364 (pp:243-250). Impact Factor: Impact Factor: 3.1
- xiv. "Need For Development of Coastal Architecture", published in "International Journal on Emerging Technologies", Vol. 8, Issue 1 (2017) ISSN 0975-8364 (pp:285-290). Impact Factor: Impact Factor: 3.1
- xv. "Transition from Vernacular to Modern Architecture: Gurgaon, India", published in "International Journal on Emerging Technologies", Vol. 8, Issue 1 (2017) ISSN 0975-8364 (pp:408-415). Impact Factor: Impact Factor: 3.1
- xvi. "Local Perception Towards Global Smart City Development", International Journal of New Technologies in Science and Engineering (IJNTSE) 3,9 (Sept,2016). pp. 24-33, ISSN 2349-0780 (Impact factor 6.02).
- xvii. "Sustainability guide to contemporary housing of Indian Hill City-Need based urban development approach model", International Journal of Chemical, Environmental & Biological Sciences (IJCEBS) Volume 4, Issue 2 (2016) ISSN 2320-4087. (pp-158-165) - Impact factor-1.817. <https://journalsweb.org/siteadmin/upload/AE0616201.pdf>
- xviii. "Sustainability guide to contemporary housing of Indian Hill City-Need based urban development approach model", Proceedings International Conference on "Civil, Architectural and Environmental Engineering (CAEE-16)" organized by URUAE, at Bangkok on 23rd & 24th June-2016. PP: 41-48, ISBN: 978-93-84422-70-7
- xix. Future Cities: Through The Methodologies of The Past. International Journal of New Technologies in Science and Engineering (IJNTSE) 2,2 (Aug,2015). pp. 262-266, ISSN 2349-0780 (Impact factor 6.02).
- xx. "RAMNAGAR: Unidentified glory of Jammu & Kashmir Heritage- A case Study", International Research Journal of Engineering and Technology-IRJET, a peer reviewed & **UGC Indexed Journal** – 2, 5 (Aug-2015) pp-513-519 (Impact factor 5.181). ISSN 2395-0056, 2395-0072
- xxi. Indian Temple Architecture: A Case Study of Jammu Temples. International Research Journal of Science, Environment & technology (IJSET)-A multidisciplinary Scientific Journal, 4,5 (Oct-2015) pp: 1410-1415 (Impact factor 5.42). ISSN: 2277-663X
- xxii. Heritage Architecture of Jammu: A Case Study. International Journal of New Technologies in Science and Engg. (IJNTSE)-2,4 (Oct- 2015) pp: 33-40. ISSN 2349-0780
- xxiii. Architecture Design in the Digital Locale. International Journal of New Technologies in Science and Engineering (IJNTSE)-2,4 (Oct- 2015) pp: 74- 83. ISSN 2349-0780
- xxiv. Convertible Homes: Partition Walls in 21st century Indian Architecture. Proceedings Neo-International Conference on Habitable Environments (NICHE) held at LPU-Jalandhar Oct-Nov-14. Pp 473-480. (ISBN: 978-1-63415-470-3, Publishers- IIA Chd.-Punjab chapter & LPU, Jalandhar through White Falcon Publishing)
- xxv. Contemporary Western Architecture & India: Vernacular Indian versus Versatile western Built forms: Proceedings Neo-International Conference on Habitable Environments (NICHE) held at LPU-Jalandhar Oct-Nov-14. pp, 615-620. (ISBN: 978-1-63415-470-3, Publishers- IIA Chd.-Punjab chapter & LPU, Jalandhar through White Falcon Publishing).
- xxvi. Affordable Housing: A New Paradigm In 21st Century Indian city: Proceedings National Conference on sustainable neighborhoods, (MNIT-Jaipur) pp-156-168. (ISBN:978-93-83083-52-7)
- xxvii. Impact of transportation projects in Architecture, International Journal of Enhanced Research in Science Technology & Engg., 3(2), 281-286. ISSN: 2319-7463.
- xxviii. "Urban Planning: An ecological and cultural reflection". Proceedings '11th International Congress Asian planning School association, **University of Tokyo**, Japan.

- xxix. Methodologies for a desired Innovative Educational Environment. Descriptio, An International Journal of Design (Annual)- 2011 –ISSN NO. 2249-4480; pp: 92-102. Publisher: Appejay School of Fine Arts, Jalandhar & Aakar Publishers for RASA-Aug, 2011).
- xxx. “Green Buildings: A Requisite for Development in Hill Towns”, Proceedings at The 5th International conference of the International Fourm on Urbanization (IFOU) 2001 Global Visions: Risks and Opportunities for The Urban Planet, **National University of Singapore Singapore**, 24-26 Feburary 2011.[ available on <http://www.ifou.org/globalvisions2011/IFoU%20Proceedings.pdf>].
- xxxi. New Urbanism Model for Indian Cities. Proceedings - International conference on Urbanism and Green Architecture 2010, held at N.I.T Hamirpur, (H.P.) 30-31st Oct. 2010.
- xxxii. Role of Building Regulations for Optimizing Energy in Hill Towns. Proceedings of International Conference Advances in Renewal Energy (ICARE-10), PP: 168-177 (Vol-II), 24-26th June 2010, held at MANIT Bhopal.

## VI. List of Book Chapters

- i. Urban transport: Repercussions and Remedy (2011). Book ‘Contemporary Architecture beyond Corbusierism’, (Macmillan Advanced research international series ) by Sarbjit Bahga, Surinder Bahga & Archana Choudhary.in Oct-2011. pp-306-317. (ISBN: 978-9350-59002-7) Publishers: **Macmillan Publishers India Ltd.** (Chapter in Edited Book)
- ii. Construction Embodied Water Concept: An Assessment Case for a Conventional Indian Residence (2024). Book ‘**Sustainable Development and Geospatial Technology**’, ed: Chetan sharma, Anoop shukla, Shray pathak, and Vijay singh (ISBN: 978-3-031-65683-5), vol. 01, pp: 51-72 , Publishers: **Springer Nature**. <https://doi.org/10.1007/978-3-031-65683-5>

## VII. List of Books (Published/Edited)

- i. “Theory of Architectural Design: Global Practices Amid Local Milieu”, ISBN-13: 978-93-5260-628-2. (Publisher: **McGraw Hill education**). (Editor).

## VIII. Key-note Speeches Delivered at International Conferences.

- i. **Key-Note Session Speaker** – on the topic ‘**Sustainability vis-à-vis Culture and Tradition: Case of Diverse India.**’ At International conference "Sustainability, Design and Culture International Conference" held at **Warmadewa University, Bali (Indonesia)** from 20-21st Oct-2017. (<https://wuicace.teknikunwar.ac.id/>). ([keynote speech brief article available at: https://www.scribd.com/document/365519139/PROSEDING-Warmadewa-University-International-Conference-Sustainability-Design-And-Culture-WUICACE](https://www.scribd.com/document/365519139/PROSEDING-Warmadewa-University-International-Conference-Sustainability-Design-And-Culture-WUICACE))
- ii. **Key-Note Session Speaker** - key-note address on the topic “Environmental Friendly Architecture in Contemporary India” was delivered at the start of first session of the conference, at International conference "**Bangkok-International conference on Civil, Architectural and Environmental Engineering**" (CAEE-16) -**Bangkok-Thailand** on 23rd-24th June 2016,. The Conference was organized by Universal Researchers (URUAE).

## IX. Technical Sessions Chaired at International Events

- i. 18<sup>th</sup> SDEWES International conference at Dubrovnik, Croatia from 24-29<sup>th</sup> Sept, 2023.
- ii. International conference "Bangkok-International conference on Civil, Architectural and Environmental Engineering" (CAEE-16) -**Bangkok-Thailand** on 23rd-24th June 2016, Conference was organized by Universal Researchers (URUAE). In the session, total 10 papers were presented by academicians/research scholars belonging to reputed institutions across the globe.
- iii. International conference "Recent Trends and Advancements in Engineering and Technology" held at SMVD University, Katra in Oct, 2018.
- iv. International conference "Theory of Architectural Design: Global Practices Amid Local Milieu (ICTOAD-17) -SMVD University, Katra, India on 14th-16th April, 2017. Conference was organized by Department of Architecture and Landscape design, Shri Mata Vaishno Devi University, Katra. In the session, total 07 papers were presented by academicians/research scholars belonging to reputed institutions across India.
- v. 04 Invited sessions during faculty induction program under FDC (Faculty development center-HRDC) at SMVD University, Katra during 2018-19.
- vi. International conference "Recent Trends and Advancements in Engineering and Technology" held at SMVD University, Katra from 3rd -4th Nov, 2017.
- vii. International conference "Recent Trends and Advancements in Engineering and Technology" held at SMVD University, Katra in 17-18 Jan, 2020.

## X. Papers Presented at International Events.

- i. "Construction embodied water as a toll to reinforce localized building regulations and policy making: Case of Jammu, India", during **19<sup>th</sup> SDEWES international conference in Rome-Italy**, during 8<sup>th</sup>-12<sup>th</sup> Sept, 2024.
- ii. "Improving the Buildings' Sustainability through Combined Matrix Assessment of Embodied Energy, Water and Carbon: Case of Conventional Houses, Jammu-India", during **18<sup>th</sup> SDEWES international conference at Croatia** during 24<sup>th</sup>-29<sup>th</sup> Sept, 2023.
- iii. "Assessing building Design and Construction Suitability against water consumption-Case of India" at **50th Annual Conference of EDRA held at Tandon College, New York University** 22-26th May, 2019.
- iv. "Sustainability aspects in Planning. Design and Construction-Indian scenario" at International Conference Arquitectonics held at **UPC-Barcelona, Spain** during 29th-31st May, 2019.
- v. "Legibility of contemporary Building amid cultural/contextual evaluation: Case of Jammu city", at '1st Warmadewa University International Conference on Sustainability, Art & Culture' held at **Warmadewa University-Bali, Indonesia** from 20th-21st Oct, 2017.
- vi. "A 21<sup>st</sup> century Indian pilgrimage city as an impetus for urban development in surrounding remote places- potentials and Proposals", at "Annual Spaces & Flows" International conference at **University of Pennsylvania-USA** from 10th-11th Nov, 2016.
- vii. "A 21st century Indian Pilgrimage town as an impetus for urban development in surrounding remote places-Potentials and proposals", presented at "1st International Conference on "Theory of Architectural Design: Global Practices Amid Local Milieu", (**SMVD University, Katra-India**) in April 2017.
- viii. "Sustainability guide to contemporary housing of Indian Hill City-Need based urban development approach model", at International Conference on "Civil, Architectural and Environmental Engineering (CAEE-16)" organized by **URUAE, at Bangkok** on 23rd & 24th June-2016.



- ix. “Revitalizing the urban development scenario- Contemporary Katra town” at International Conference “Urban Planning and Architectural Design for Sustainable Development, **University de-salento-Lecce, Italy**, from the 14th to the 16th of October 2015.
- x. “Convertible Homes: Partition Walls in 21st century Indian Architecture” at ‘Neo-International Conference on Habitable environments (NICHE)’ held at **Lovely Professional University-Jalandhar (India)** & IIA-Punjab Chapter (31 Oct-2nd Nov, 2014).
- xi. “Contemporary Western Architecture & India: Vernacular Indian versus Versatile western Built forms” at ‘Neo-International Conference on Habitable environments (NICHE)’ held at Lovely Professional University-Jalandhar (India) & IIA-Punjab Chapter (31 Oct-2nd Nov, 2014).
- xii. “Affordable Housing: A New Paradigm In 21st Century Indian city.” At National Conference on Sustainable Neighborhoods held at **MNIT-Jaipur** in Feb-2014.
- xiii. “Methodologies for a desired Innovative Educational Environment” at International Conference on Rapid Advances in Sustainable Architecture (RASA-11) Jalandhar, August, 2011 organized by Appejay College of Fine Arts, Jalandhar (Pb.)
- xiv. “Sustainable Campus Design” at international conference ENERSTATE-2010, **Dehradun** 27-29th Dec. 2010.

## **XI. Memberships**

- i. Permanent registered Architect with Council of Architecture, Govt. of India.
- ii. Life-time Fellow of Indian Institute of Architects, Mumbai-India (F18759).
- iii. Life time Fellow member of international society for development and sustainability (ISDS)-Japan (M23110169).

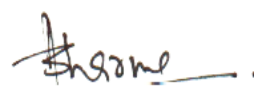
## **XII. Personal details**

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**Certified that the information provided is correct to the best of my knowledge, understanding and records.**

Date: 16<sup>th</sup> June, 2025  
 Place: Katra, India

  
 Signature:  
 Name: Anoop Kumar Sharma

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