



- **Name:** VINOD KUMAR
- **Designation:** Assistant Professor
- **Department:** School of Architecture and Landscape Design
- **Institute:** Shri Mata Vaishno Devi University, Katra, Jammu & Kashmir
- **Email ID:** vinodkumar@smvdu.ac.in, arvinodbhagat@gmail.com
- **Contact Number.:** 9596813838,01991-285699 Ext. 2377 (Office)
- **Areas of Interest / Specialization:** Green Building, Climate Responsive Architecture, Vastu-Shastra, City Planning, Transportation Planning, Building Services.
- **Permanent Add. -Vill. -** Banjhulia, P.O.-Bhore Dist.- Gopalganj, State – Bihar, Pin – 841426

✚ **BRIEF ABOUT SELF** – A passionate Architect, City Planner, Academician, and Researcher having more than 12 years of experience. Got All India Rank 56 in GATE (2009), AIR 06 in GATE (2010), AIR 23 in CEED (2010), and AIR 13 in GATE (2018). Other than Architecture I have appeared *Four Times* for the *interview of Civil Services (UPSC)* in the years 2010, 2012, 2013 & 2014 with the subjects of *Geography & Sociology*. Other than my Ph.D. research which is related to '*Urban Quality of Life & Transportation Planning*', I am currently doing my research on *Heritage & Water Conservation* in Shivalik Hills.

EDUCATIONAL QUALIFICATION

Degree	Institute	Thesis Title
Bachelor of Architecture [2010]	V.N.I.T.Nagpur	Centre for Mentally Challenged Children ,Nagpur
Master of City Planning [2012]	I.I.T. Kharagpur	Initiative For The Economic Development Of Bhagalpur Region With Focus on Silk Based Industry
Ph.D.(submission stage)	S.M.V.D.University, Katra, J&K	Assessment of the Impact of Mass Rapid Transit System (MRTS) on Quality of Life in a Mega City- A Case of Delhi Metro

TEACHING EXPERIENCE

- 09 Years of Teaching at SMVD University (11th November 2014 to till date)

SUBJECTS TITLE TAUGHT	SEMESTER
Architectural Design Studio	III,IV,V,VI,VIII,IX
Town Planning and Building Bye-laws	VIII
Traffic & Transportation	X
Building Services	IV,VI
History of Architecture	IV
Building Material & Construction	I,II,III,IV,V,VI,VIII,IX
Architectural Drawing	I,II
Climatology & Energy	III
Interior Design Studio	V
Green Building	IX
Sustainable Architecture	IX
Vernacular Architecture & Vastu-sashtra	IX

PROFESSIONAL EXPERIENCE

➤ Total Experience – 2.5 Years

Name of Organization	Duration	Designation	Nature of Job
Design Inn , Patna	May 2012 to Aug 2014	Planner-Architect	Design, Planning & Supervision of architectural & urban projects
TCPO, Ministry of Housing & Urban, Affairs, New Delhi	May2011-July2011	Planning Internship	Comprehensive Development Plan for the Berhampur, Chhatarpur & Gopalpur,Odisha
Ghai and Associates, New Delhi	July 2009 – Dec 2009	Architectural Internship	Design and development for various housing projects, working and structural
G.S. Associates, New Delhi	May 2009 – June 2009	Architectural Internship	Worked on CSKM Public School redesigning project, residential projects.
Design Paradise, Delhi	May 2007 – July 2007	Architectural Internship	Working drawing for interior of Apolo and Moolchand hospital, Designed cafeteria

MEMBERSHIP OF PROFESSIONAL BODIES

Professional Body	Registration No.	Nature Of Membership
Council of Architecture	CA/2010/49198	Associate Member- Lifetime
Institute of Town Planners, India	Reg. No. 2014-009	Associate Member- Lifetime
Indian Institute of Architects	Reg. No. 20773	Associate Member- Lifetime

ADMINISTRATIVE EXPERIENCES

Post	Administration/Committee	Duration
Joint Warden	Joint Warden – Trikuta Hostel	October-2020 to till date
Member	Internal Complaint Committee (ICC)	16 th September 2022 to till date
Coordinator	School Welfare & Co-curricular Activity NASA & Competition Committee	August 2021 to till date
Co-Coordinator	Examination, Time Table & Library	August 2021 to till date
Member	Flying Squad for Examination	15 th Sept 2023 to 2024

FELLOWSHIP/SCHOLARSHIP/AWARDS

	Name of the Academy/Body/Society	Remarks
1.	Faculty Research Fellowship, Indian Institute of Technology, Delhi -2019	----
2.	GATE Fellowship for PhD/M.Tech.,MHRD in 2018	All India Rank -13
3.	GATE Fellowship for PhD/M.Tech.,MHRD in 2010	All India Rank -06
4.	GATE Fellowship for PhD/M.Tech.,MHRD in 2009	All India Rank -56
5.	CEED Fellowship for M.Des. in 2010	All India Rank - 23
5.	ARCHITECH design competition for the Year 2007	Winner

RESEARCH PAPER PUBLICATION

1. *"Smart Materials and Technology in Sustainable Built Environment"* European Chemical Bulletin 2023, 12 (Si7), 2452– 2464 (doi: 10.48047/ecb/2023.12.si7.201) (ISSN 2063-5346) **(Scopus Indexed - Elsevier)**
2. *"Evaluation of Quality of Life in the Proximity of Metro Stations: Acknowledging the power of User Perception."* Under Review in Journal – Transportation Research Part A, SCI Journal)
3. *Indian Temple Architecture: A Case Study Of Jammu Temples*, International Journal of Science, Environment and Technology, Vol. 4, No 5, 2015
4. *Architecture Design in the Digital Locale*, International Journal Of New Technologies In Science And Engineering (IJNTSE), Vol. 2, Issue 4, Oct 2015, ISSN 2349-0780.
5. *Crime Prevention through Environmental Design* in proceeding of 4th International Conference on "Recent Trends and Advancements in Engineering and Technology (ICRTAET) held on 03-04th November, 2017, ISBN 978-93-86074-31-7.
6. *Architecture to Sense & Feel* in proceeding of 4th International Conference on "Recent Trends and Advancements in Engineering and Technology (ICRTAET)" held on 03-04th November, 2017, ISBN 978-93-86074-31-7.
7. *TRADITION IN MODERNITY-In Context to Wada Architecture* in proceeding of 5th International Conference on "Recent Trends and Advancements in Engineering and Technology (ICRTAET)" held on 25-26th October, 2018, ISBN 978-93-86240453
8. *Agri-Tecture In An Urban Context* in proceeding of 5th International Conference on "Recent Trends and Advancements in Engineering and Technology (ICRTAET)" held on 25-26th October, 2018, ISBN 978-93-86240453
9. *Effect of Water Absorption on Mechanical Properties of Natural Fibre Reinforced Polymer Composites: A Review*, International Journal of Mechanical Engineering, Vol. 7 No. 1 January, 2022, ISSN: 0974-5823. **(Scopus Indexed)**
10. *The Contribution of Mass Rapid Transit System (MRTS) in Active Living in a Mega City- A Case of Delhi Metro* in Proceeding of 6th International Conference on "Recent Trends and Advancements in Engineering and Technology (ICRTAET)" held on 17-18th January, 2020.
11. *"The Relationship of Quality of Urban Life to Spatial Conditions"* in the proceedings of First International Conference on Technologies for Smart Green Connected Society 2021 on 29-30th November 2021 by SPAST Foundation & Yokohama National University, Japan.
12. *"Influence Of FSP On Microstructure And Mechanical Properties Of Al Metal Composites (Amcs)- A Review"* Journal Of East China University Of Science and Technology Vol.65 Iss. 2 2022 (DOI: 10.5281/ZENODO.6771639) **(Scopus Indexed)**
13. *"Potential of reinforcement of natural fibers for polymer composites and effect of alkali treatment on fibers. A Review"* International Journal of Mechanical Engineering, Vol. 7 No. 5 May, 2022 **(Scopus Indexed)**
14. *" A Study On The Effect Of Friction Stir Processing On The Properties Of Aluminium Metal Matrix Composite"* European Chemical Bulletin 2023, 12 (Special Issue 6), 6649-6661 (doi: 10.31838/ecb/2023.12.si6.590) (ISSN 2063-5346) **(Scopus Indexed - Elsevier)**

BOOKS PUBLICATION

1. *“ Digital Marketing Strategy And Analysis “* Published by “ Buddha Publication”, ISBN: 978-93-5515-825-3
2. *“ A Coding Manual For Research Methodology : Theory, Tool & Techniques “* Published by “Buddha Publication”, ISBN : 978-93-5842-078-4
3. *“ Traditional Water Management- Practices in Shivalik Hills”* (In Press)

RESEARCH PROJECTS

1. Research Proposal Title *“Augmented Reality and Virtual Reality Based Visualization for Lost / Endangered Architectural Heritage Sites in Jammu & Kashmir” of total proposed budget of Approximately 93 Lakh* for the Science and Heritage Research Initiative (SHRI), Department of Science & Technology, Under Ministry of Science & Technology. (Ongoing)

PATENT FILED/ PUBLISHED

1. Title: *Artificial intelligence, Big Data, Internet of Things, and Blockchain techniques and applications in Smart Energy Management.* (Date Of Filing 29/03/2023, Application Number : 202331023222)
2. Design Patent Title: *Sleek and Ergonomic Design for Smart Home Control Panel* (Filed for the Indian Design Patent on 10/07/2023, Application No. : 389956-001)
3. Copyright Title: *“Ornamental Design for an Enhanced Device with Wireless Sensor Network for Accurately Detecting Defects in Concrete Structures”* (Filed for the Indian Copyright dairy number - 35430/2023-CO/L.

CONSULTANCY WORK

1. Architectural Consultancy work completed for the *“Hansraj Public School, Manjhagarh, Gopalganj, Bihar”*.
2. Two Residential, One Commercial Complex and Two School Projects under construction

TRAINING PROGRAMS ATTENDED

1. Training program on *“Housing for All – Innovative Technologies for Affordable Housing”* conducted at **CSIR-CBRI, Roorkee** during October 14-16, 2015.
2. Participated in Training Program on *“Green Building- The GRIHA way”* from 31st May to 4th June 2021 conducted by Council of Architecture Training and Research Centre, (COA-TRC).
3. Attended Training Program on *“ Advance Building Services”* on 02,03,06 & 07th July 2020 conducted by Council of Architecture Training and Research Centre, (COA-TRC).
4. Participated in the Training Program on *“Provisions of Energy Conservation Building Code (ECBC)”* From 26th to 30th April 2021 conducted by the Council of Architecture Training and Research Centre, Pune (COA-TRC).

5. 2 day live training (virtual) on *Applications of PowerBI in Urban Planning*" by Planning Insight from 28th to 29th May 2022.
6. Training program on *Intellectual Property Rights* on 27th June 2022 under NIPAM, organized by Intellectual Property Office, Govt. of India.
7. 8 days online training program on *NEP Orientation & Sensitization Program* organized by UGC-Malviya Mission Teacher Training Centre – SMVDU from 8th to 17th January 2024.

SHORT TERM COURSES ATTENDED

1. Short Term Course workshop titled "*Recent Trends in Automobile Engineering*" during 29-02-2016 to 04-03-2016 which was conducted by NITTTR Chandigarh.
2. Participated in Short Term course on "*Green Building and Techniques through ICT*" conducted by Civil Engineering Department of *National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh* from 15th to 19th January 2018.
3. Attended Short Term Course (Online) on "*Climate Responsive Settlement Planning, Urban Design, And Architecture*" conducted by *Tulsiramji Gaikwad-Patil College of Architecture, Nagpur* from 23rd June to 27th June 2020.
4. Attended Short Term Course (Online) on *Vastushastra* conducted by *Tulsiramji Gaikwad-Patil College of Architecture, Nagpur* from 8th June to 12th June 2020.
5. Participated in the AICTE sponsored QIP Short Term Course on *Energy and Innovative Building Construction Practices* from 23/08/2021 to 28/08/2021 (One Week) Conducted online by Civil Engineering Department, NITTTR Chandigarh.
6. Attended Short Term Course (Online) on *Research Methodology in Architecture* from 11-15th April 2022 conducted by N.I.T. Patna.

WORKSHOPS

1. Attended workshop at SoALD, SMVD University, Katra, J& K in First International Conference on "*Theory of Architectural Design: Global Practices amid Local Milieu*" from *14th to 16th April, 2017*.
2. Attended workshop on "*Use of Bamboo in Design*" which is conducted on 27th to 30th Sept. 2017 at SoALD, SMVD University, Katra, J& K.
3. Attended Workshop on "*Role of soft skill in effective classroom management*" during 19-23 august 2019 which was conducted by school of Language, SMVDU.
4. Attended e-workshop on "*Qualitative Data Analysis with 'NVivo'*" held from 8th to 9th January 2022 conducted by Commacad.
5. Attended e-workshop on "*Data Analysis with SPSS(Basic to Intermediate)*" held from 19th to 21st November 2021 conducted by Commacad.
6. Attended e-workshop on "*Advance Data Analysis with SPSS*" held from 27th to 28st November 2021 conducted by Commacad.
7. Attended e-workshop on "*Data Analysis with R Programming*" held from 10th to 12th December 2021 conducted by Commacad.
8. Attended workshop on "*Basics & Advanced Statistics with SPSS*" held in 26th to 30th September 2022 by Mergen Biologics Training & Research Pvt. Ltd.
9. Attended workshop on "*Structural Equation Modelling Using SPSS AMOS*" held in 7th to 12th March 2022 by Mergen Biologics Training & Research Pvt. Ltd.
10. International Workshop on "*Data Science and Statistical Modeling : Harnessing Python and R Programming*" from 28 June to 4 July 2023 which was conducted by Central University of Punjab, N.I.T. Jalandhar and Math Tech Thinking Foundation

11. Attended One Week Online Workshop On "*Basic of Bio-statistical Data Analysis Using SPSS*" from 21st to 27th September 2023 which was jointly organized by Rajendra Institute of Medical Sciences Ranchi & Science Tech Institute, Lucknow
12. Attended Five day international Workshop on "*Application of Artificial Intelligence in Architecture & Design*" from 18th to 22nd September 2023 which was organized by Department of Architecture & Planning of National Institute of Technology, Patna
13. Attended One Day Workshop on "*SLR Using AI Tools*" on 30th September 2023 which was organized by Meerashpa Learning Solutions.
14. Attended Five Day Workshop on "*Introduction to Traditional Knowledge Intellectual Property & People's Rights*" from 7th-11th August 2023 which was organized by Indian Knowledge Systems (IKS) Division, Ministry of Education, and CSIR-Traditional Knowledge Digital Library (TKDL) Unit, Ministry of Science and Technology.

FACULTY DEVELOPMENT PROGRAMS

1. Attended *National Level Faculty Development Programme (FDP)* on "*Teaching Learning in Architectural Education*" organized on 12th -14th July, 2017 at SoALD,SMVD University, Katra, J& K.
2. Completed the Four Week MOOC based Faculty Development Program on "**Foundation Program in ICT for Education**" conducted by **IIT Bombay** from 8th March to 12th April 2018.
3. Attended Faculty Development Program on "**Augmented Reality (AR)/ Virtual Reality (VR)**" conducted by *National Institute of Technology Warangal* and *AICTE Training And Learning (ATAL) Academy* from 16th June to 20th June 2020.
4. National level Faculty Development Program on "*Qualitative & Quantitative Research Analysis*" conducted by BSSS College, Barkatullah University, Bhopal from 12th to 18th December 2022.
5. Participated in Professional Development Program on "*Statistics for Data Analysis*" from 19th to 23rd September 2022 conducted by NITTTR, Chennai.
6. National Level Online One Week *Faculty Development Programme on SPSS* from 10th to 16th July, 2022 organised by Maniram Dewan School of Management, Krishna Kanta Handiqui State Open University, Guwahati, Assam.
7. Completed FDP on "*Principles and Applications of Building Science*" during July –August 2023 which was conducted by I.I.T. Roorkee.

MOOC COURSES

1. Completed MOOC certification course on "*Sustainable Cities*" from 31st May to 9th September 2017 which is offered by "*The SDG Academy* in collaboration with *Indian institute of Human Settlements (IIHS), Bengaluru*"
2. Completed Four week MOOC based Faculty Development Program on "**Pedagogy for Online and Blended Teaching-Learning Process**" conducted by **IIT Bombay** from 3rd may 2018 to 14th June 2018
3. Completed ARPIT (MOOC Course) on "*Emerging Areas In Hospital Planning, Design, Construction, And Facilities Management*" conducted by the *School of Planning and Architecture, New Delhi* from 01 Sep 2019 to 31 Jan 2020.
4. Completed MOOC course of the 16th Outreach Programme on "*Geospatial Technologies for Urban Planning*" during 11 February - 15 March, 2016 which was conducted by **Indian Institute of Remote Sensing(IIRS- ISRO), Dehradun**

5. Completed MOOC Course of the 17th Outreach Programme on “**Geoweb Services and Geoportal applications**” during 28 June - 15 July, 2016 which is conducted by **Indian Institute of Remote Sensing (IIRS -ISRO), Dehradun.**
6. Completed MOOC Certification Course on “**Sustainable Construction Materials and Techniques**” during 1st Dec 2020 to 31st March 2021 which is conducted by **NITTTR Chennai.**
7. Completed MOOC Certification Course on “**Urban Services Planning**” during Jan-April 2023 which is conducted by I.I.T. Kharagpur
8. Completed Four Week MOOC Certification Course on “**Principles and Applications of Building Science**” during July –August 2023 which was conducted by I.I.T. Roorkee.

SEMINARS / WEBINARS

1. Participated in the *International Symposium “Celebrating Le Corbusier’s Chandigarh: 50 Years after the Master”* which was scheduled from 9th -12th October, 2015.
2. Participated in 3rd Online International Conference on “*Recent Trends in Engineering and Technology*” conducted by IJNTSE which was scheduled from 18th to 19th Oct. 2015.
3. Attended International Conference on “*Emerging Trends in Green and Efficient Rail Transit Systems*” which was scheduled on December 20 -21,2018 and organized by *Delhi Metro Rail Corporation (DMRC), The American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE-India Chapter) and VENTCONE (ISHARAE-Delhi Chapter).*
4. Attended Webinar on “*Temple Architecture*” on 18th June 2020 organized by IGNCA.
5. Attended Webinar on “*Cyberology for 21st century Classrooms*” on 18th -19th May,2020 conducted by IUCTE, Maharaja Sayaji Rao University of Baroda, Vadodara, Gujrat.
6. Attended webinar on *Conquering the intricacies of citations and references* on 24th August 2021 conducted by Willy.
7. Attended webinar on *Mastering the craft of academic writing : a systematic approach* on 31st august 2021 conducted by Willy.
8. Attended webinar on *Winning the game of publishing research papers, raising your profile, extending the impact of your publications* on 07th September 2021 conducted by Willy.
9. Attended webinar on *Attracting grants and funds for research* on 14th September 2021 conducted by Willy.
10. Attended Webinar on “*Daylighting Simulation for ECBC Compliance*” on 25th Feb, 26th Feb & 03rd March 2021 conducted by Punjab Energy Development Agency (PEDA) & BEE.
11. Attended webinar on “*How Asian Cities Coping with COVID-19?*” on 23rd April 2020 conducted by Smart Cities Council India.
12. Attended webinar on “*Smartening Port Development by Construction World/Infrastructure Today*” on 12th May 2020 conducted by Infra-e-conclave.
13. Attended webinar on “*Publishing ethics*” on 21st September 2022 conducted by Taylor & Francis Group.
14. Attended webinar on “*Scholarly Writing Institute with NVivo and Citavi Link*” on June 15th 2022 conducted by NVIVO."
15. Attended webinar session on “*Writing Competitive Research Proposal that Wins Funding*” on 21st October 2023 conducted by The Bhopal School of Social Sciences and Barkatullah University, Bhopal.

CONFERENCES/ SEMINARS /WORKSHOPS/ FDP ORGANIZED OR CHAIRED

1. **Organizing member** of First International Conference on "Theory of Architectural Design: Global Practices amid Local Milieu" from 14th to 16th April, 2017 at SoALD, SMVD University, Katra, J& K.

2. **Organizing Member** of 4th International Conference on “Recent Trends and Advancements in Engineering and Technology (ICRTAET)” held on 03-04th November, 2017 at SMVD University, Katra, J & K.
3. **Organizing Member** of 5th International Conference on “Recent Trends and Advancements in Engineering and Technology (ICRTAET)” held on 25-26th October, 2018 at SMVD University, Katra, J & K.
4. **Organizing Member** of 6th International Conference on “Recent Trends and Advancements in Engineering and Technology (ICRTAET)” held on 17-18th January, 2020 at SMVD University, Katra, J & K.
5. **Session Chair** for the 4th International Conference on “Recent Trends and Advancements in Engineering and Technology (ICRTAET)” held on 03-04th November, 2017 at SMVD University, Katra, J & K.
6. **Session Chair** for 5th International Conference on “Recent Trends and Advancements in Engineering and Technology (ICRTAET)” held on 25-26th October, 2018 at SMVD University, Katra, J & K.
7. **Session Chair** of 6th International Conference on “Recent Trends and Advancements in Engineering and Technology (ICRTAET)” held on 17-18th January, 2020 at SMVD University, Katra, J & K.
8. **Technical Chair** for 4th International Conference on “Recent Trends and Advancements in Engineering and Technology (ICRTAET)” held on 03-04th November, 2017 at SMVD University, Katra, J & K.
9. **Technical Chair** for International Conference on “Recent Trends and Advancements in Engineering and Technology (ICRTAET)” held on 25-26th October, 2018 at SMVD University, Katra, J & K.
10. **Organizing Secretary** of the National Level Webinar on “Building Services” which was organized 27th September, 11th October and 18th October 2020 at SoALD, SMVD University.

RESEARCH PAPER PRESENTED IN CONFERENCES

1. *“The Relationship of Quality of Urban Life to Spatial Conditions”* in First International Conference on Technologies for Smart Green Connected Society 2021 on 29-30th November 2021 by SPAST Foundation & Yokohama National University, Japan.
2. *“The Contribution of MRTS in active living in a mega city – A case of Delhi Metro”* in proceeding of 5th International Conference on “Recent Trends and Advancements in Engineering and Technology (ICRTAET)” held on 25-26th October, 2018, (Proceeding ISBN 978-93-86240453).
3. *“Architecture Design in the Digital Locale”* in the the “International Conference on Recent Trends in Engineering and Technology (ICRTET)” held on 2015.
4. Paper Presented on “ *Sustainable Development and Quality of Life*” in *International Conference on Multidisciplinary Research Perspectives* held on 16th & 17th February 2023 which was organized by The Bhopal School of Social Sciences.

FACULTY CO-COORDINATOR FOR PROJECTS / COMPETITIONS DONE BY STUDENTS

1. In 2016, students were participated for the project *“The Unknown Place”* at SoALD premises under Swachh Bharat Mission of Govt. of India and constructed from the waste and *won the Design Excellence award* for the *Westminster International Design Competition 2016*.

2. In 2017, students were participated for the project "*Pagdandi*" at Sirah Market, Kakryal under the Swachh Bharat Mission of Govt. of India. The local communities and authorities were also involved for the project. This project was sent for the *Westminster International Design Competition 2017* and we were *among the top 7 finalist*.
3. Organized a *Parallel Studio Workshop for Architectural Design* for the 5th Semester students of the School of Planning & Architecture, Delhi & SoALD, SMVD University students in 2017.
4. Taught & guided for the *GATE exam 2016, 2017, 2018 and 2019* and *08, 10, 13 & 16 students were qualified* in each year respectively.
5. Taught & guided for the *CEED exam 2016, 2017, 2018 & 2019* and *02, 03, 02 & 03 students* were qualified in each year respectively.
6. Faculty Coordinator of the *IGBC-Students Chapter* at SMVD University.

EXTERNAL EXAMINER

1. Prepared **Question Bank on Culture & Architecture of Bihar State** for the *Ek Bharat Shrestha Bharat (EBSB) App* for the *AICTE under Ministry of Education, Govt. of India* in July, 2021.
2. **Question paper setter and evaluated** the answer sheets of 3rd Semester, B.Arch. 2018, 2020, 2021 for "*School of Architecture, Jammu University*" for two subject Building Systems & Management-I and Orientation to Architecture.
3. **External Juror** for the 3rd Semester ,B.Arch. 2018 of "*School of Architecture, Jammu University*" for the subject "*Software systems & Applications-II*"
4. **Question Paper Setter** for the subject Estimation, Costing And Valuation for the 6th semester, B.Arch. 2022 of "*School of Architecture, Sri Manakula Vinayagar Engineering College, Madagadipet, Puducherry*."

SOFTWARE SKILLS

- **Architectural Software** – AutoCAD ,3Ds Max, Google Sketch Up, Photoshop, Revit
- **Research /Planning/Analytical Software** – IBM-SPSS, AMOS, Arc-GIS, N-Vivo, MaxQDA, Microsoft Office, R-Studio, ETABS, DIALux, DesignBuilder.

REVIEWER OF RESEARCH PAPER

- Reviewed Research Paper for the Journal "*ShabdKosh : Journal of Visual and Performing Arts*" ISSN 2582-7472 , date of issue – 15th February 2023
- Reviewed Research Paper for the Journal "*ShodhVarta*" ISSN 2583-8938 , for the issue October 2023.
- Reviewed Book Chapter entitled "*Empirical Studies On Privacy In The Public Housing Estates In Ibadan*"
- Review Book entitled "*From Urbanism To Sustainable Urbanism*"
- Review a Book Chapter entitled "*Green Urban Development – Concepts and Praxis*"

ACHIEVEMENTS – OTHER THAN ARCHITECTURE

- 4 times appeared for *Civil Services (UPSC) interview* for the year 2010, 2012, 2013 & 2014 with the subjects *Geography & Sociology*.

B.ARCH. DISSERTATION / THESIS GUIDED

S.N.	Name of Student	Year	Title of Thesis
01	Mahek Seth	2015	Oenological recreational hub, Karnataka
02	Jasleen Kaur	2015	School for mentally challenged children, Jammu
03	Jatin Mansotra	2015	Automobile Museum for Lamborghini ,Greater Noida
04	Akhil Rajput	2015	Five Star Hotel at Jammu
05	Tushar Agrawal	2015	Eco resort ,Manesar Lake
06	Vivek Agrawal	2016	Sports Complex at Chail,Himachal Pradesh
07	Harish Sharma	2016	National Institute of Design at Chandigarh
08	Dwaipayan Chakraborty	2016	Cane and Bamboo Research Centre at Guwahati
09	Deepankar Singh Chauhan	2016	Textile Park at Kanpur
10	Jayditya Kotwal	2017	International Yoga Centre , Mantalai,J& K
11	Sreya Ojha	2017	Social Housing: Empowering Rurban India, Haridwar
12	Samhita De	2017	National Institute of Fashion Technology Ludhiana
13	A.Sravya	2017	Centre for Autism at Hyderabad
14	Sneha Suman	2018	Residential High School
15	Akshita Bansal	2018	Garden of Reconciliation: Kashmir –Conflict and the Architectural Practice. (<i>National Award for the Excellence in Architectural Thesis 2018 & JK AYA Best Architecture Student of the Year Award by the Council of Architecture</i>)
16	Anubhav Sharma	2018	Crime Prevention Through Environmental Design- Housing at Bareilly
17	Pallavi Jha	2018	Centre for Performing Arts at New Delhi
18	Archi Kumari	2019	Redevelopment Of The Railway Station Anand Vihar
19	Rohit Dutt	2019	Tribal Skill Development University,Ranchi
20	Vikram Kr. Salathia	2019	Football Academy, Kolkata
21	Sheya Gupta	2019	Vertical Urban Farming – A mixed Used Building, Noida
22	Saisha Gupta	2019	Winery And The Vineyard- A Holiday Destination Point, Nashik
23	Aman Gupta	2020	Vizhinjam International Multipurpose Seaport
24	Sandeep Singh	2020	Himalayan Institute of Alternatives Learning ,Ladakh
25	Siddharth Rastogi	2020	Museum for the War Animals, Meerut
26	Bhagat Singh	2021	Design University ,Lucknow
27	Arjun Singh	2021	Institute of Film & Television,Noida
28	Nikhil Agrawal	2022	Science City at Dehradun
29	Shamim Akhtar	2022	District Collectorate,Patna
30	Chanchal	2022	Women Care and Support Centre, New Delhi
31	Sunil Pal	2023	Sports Complex, Dwarka,New Delhi
32	Navya	2023	Centre For Hope , Kolkata
33	Nehaad Showkat	2023	International Airport,Jewar, New Delhi

REFEREES

Name and Designation	Address	Contact Number	Email Id
Mr. R. Srinivas, Senior Town and Country Planner, Metro Division	Town and Country Planning Organization, Govt. of India, Ministry of Urban Affairs, New Delhi	9810636758	srinimetro@gmail.com
Dr. Rajashree Kotharkar, Professor	Department of Architecture & Planning, V.N.I.T.Nagpur	9822719413	rskotharkar@arc.vnit.ac.in
Dr. V.S.Kapse Professor	Department of Architecture & Planning, V.N.I.T.Nagpur	9822204403	kapse.vijay@hotmail.com vskapse@arc.vnit.ac.in
Dr. Debapratim Pandit Asso. Professor	Department of Architecture & Planning, I.I.T.Kharagpur	9433944708	debapratim@arp.iitkgp.ac.in
Dr. Joy Sen Professor	Department of Architecture & Planning, I.I.T.Kharagpur	9830471984	joysen@arp.iitkgp.ernet.in
Dr. B.K.Das Asso. Professor	Department of Architecture & Planning, N.I.T.Patna	9234777084	bijay@nitp.ac.in

Declaration:

I do hereby declare that the particulars furnished above by me are correct and true to the best of my knowledge and belief and nothing has been concealed/distorted.

Place: Kakryal, Katra

Date: 15.02.2024



Ar. Vinod Kumar
Asst. Prof. SoALD
SMVD University, J&K