"Associate Professor in D/o Architecture"
School of Planning and Architecture, Bhopal
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Biography

Dr. Sandeep Sankat is Associate Professor in the Department of Architecture, School of Planning and Architecture, Bhopal (M.P.) India. Prior to this he was senior lecturer in F/o Architecture and Ekistics, Jamia Millia Islamia, New Delhi. Commencing his career in mid nineties he practiced as Architect at his own office "Design Innovations" at Indore. He has practiced for 7 years in the field of architecture and and done few commercial and residential architecture design projects at Indore and Mhow, then joined academia. His specializations are in the area of Architecture, Ekistics, Human Centric Design, Universal Design and Elderly and Built-Environment.

He did his PhD in the area of Elderly and Built-Environment. The topic of his PhD is **"Creating Inclusive Living Environments in Urban Residences for Indian Elderly".** He did his PhD from School of Planning and Architecture, Bhopal, Masters in Ekistics from Faculty of Architecture and Ekistics, Jamia Millia Islamia, New Delhi and Bachelors of Architecture from Madhav Institute of Technology and Science, Gwalior, (M.P.).

He works for the **Centre for Human Centric Research (CHCR)** and he is member of the center (CHCR) at School of Planning and Architecture, Bhopal. Committed to produce socially aware architects and planners, the multidisciplinary research hub 'Center for Human Centric Research' is housed at SPA-Bhopal. CHCR propagates inclusive and multidisciplinary problem solving approach to optimize the environment for the population who does not have power to influence the design and planning process. To attain its objectives, the center functions in four major areas, 'Identification of Research Priority Areas and Networking', 'Education and Training', 'Research and Design Development' and 'Dissemination'.

For his proposal for the concerns towards success of "Sugamya Bharat Abhiyaan" through Universal Design Education, he has been a recipient of **Eramus + Global mobility funding in 2016 and he is an Erasmus fellow**. He has been awarded with the prestigious National award **"NCPEDP MPHASIS Award 2016"** for his work in the area of accessibility and disability studies and Universal Design. He has published research papers in journals and conference proceedings focused on accessibility and disability studies. He has secured first position and distinction in the Bachelors and Masters Courses. He has been a recipient of **Gold Medal for the Masters Course of Ekistics** from F/O of Architecture and Ekistics, Jamia Millia Islamia, New Delhi.

Awarded with Second (Cash prize of 50,000) for the design of accessible toilet in the category "The Urban Individual Toilet" in the San- Sadhan Hackathon. The Department of Empowerment of Persons with Disabilities (Divyangjan) and Ministry of Jal Shakti in association with Atal Innovation Mission, Niti Aayog, Bill & Melinda Gates Foundation and 91springboard organized SAN-Sadhan Hackathon - a Nationwide initiative to bring out Early Stage Startups, Student Innovators, Technology Enthusiasts, Academicians and Industry Experts from every corner of the country to present solutions that address various issues in four core focus areas.

He has also represented SPA, Bhopal with various administrative posts, including, Dean Academics, Associate Dean Student Affairs, Controller of Examinations etc

Detailed CV, Dr. Sandeep Sankat

1. Personal Information

Name:	DR. SANDEEP SANKAT

Address for communication:	Nationality:
303, Block A, Ample Heights, Rishi Nagar	
Bawadia	
Bhopal, Madhya Pradesh	INDIAN

City: Bhopal	State: Madhya Pradesh, INDIA.

Pin:	4	6	2	0	3	9

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E mail: sandeepsankat@spabhopal.ac.in	Sex M/F	M

Date of Birth:	1	3	DD	0	7	MM	1	9	7	1	YEAR

Father's Name: Shri Narendra Sankat

2. Educational Qualifications: *(Interests, Architecture, Ekistics, Universal Design, User Centric Design, Older People and Built Environment, Environmental and Behaviour Studies)*

	Name of Exam	Board /University	Year of Passing	Percentage of Marks	Subjects	Division/ Remark
1	PhD	School of Planning and Architecture, Bhopal	2016	-	Topic: Creating Inclusive, Living Environment in Urban Residences for Elderly.	-
2	Masters in Ekistics	Faculty of Architecture and Ekistics, Jamia Millia Islamia, New Delhi.	2008	77.7	All subjects of Masters Ekistics course	First/ Gold Medalist, Distinction, Honors
3	Bachelors of Architecture	Madhav Institute of Technology, Gwalior/ Jiwaji University Gwalior.	1995	78.5	All subjects of B. Arch. course	First/ First position, Distinction, Honors
4	Online course certificate course on "Home Modification"	IDeA Center, State University New York, Baffalo, NY	2012	83	Home Modification	First
5	Online course certificate course on "Universal Design"	IDeA Center, State University New York, Baffalo, NY	2012	78	Universal Design	First

3. Employment Experience: *(Teaching experience 18 Years +Professional experience 6 Years 7 months = 24 Years 7 months*

S. No.	Organization	Post held	Pay band/ Grade Pay	Duration From	To
1	School of Planning and Architecture, Bhopal.	Associate Professor	1,47,900 / 9000	05/08/2012	Till present

2	School of Planning and Architecture, Bhopal.	Reader	AGP 8000	05/08/2009	05/08/2012
3	Faculty of Architecture and Ekistics, Jamia Millia Islamia, New Delhi	Senior Lecturer	AGP 7000	19/02/2008	03/08/2009
4	Faculty of Architecture and Ekistics, Jamia Millia Islamia, New Delhi	Lecturer	8000-13500	19/02/2002	18/02/2008
5	Design Innovations (Own Office)	Architect	-	06/03/1996	18/02/2002

4. Awards/ Prizes/ Fellowships

S.No.	Prize/ Award/ Fellowship	Type of award	Institution/ Organizers
1	7th NCPEDP- MPHASIS Universal Design Awards 2016, under Category B: Working Professionals.	National Award for the work in the area of Universal Design	National Centre for Promotion of Employment for Disable People (NCPEDP MPHASIS award 2016)
2	Global Mobility Erasmus + Invited as visiting professor to Norwegian University of Science and Technology (NTNU)	Fellow, Erasmus + Global Mobility programme	Norwegian University of Science and Technology (NTNU)
3	Sansadhan Hackathon 2019, National level II position (Cash Prize of Rs. 50,000)	National Level Competition for the Design of Accessible Toilet, in the Urban Individual Toilet Category	Ministry of Jal Shakti, Atal Innovation Mission, Niti Aayog, Department for Empowerment of Persons with Disabilities, Ministry of Social Justice and Empowerment and Bill & Melinda gates Foundation.
4	Venus International Faculty Awards 2017	Award to Faculty	Venus International Foundation
5	Best Architect of Bhopal 2017 by IIA Chapter Madhya Pradesh	Award for the work in the academic field of Architecture.	Indian Institute of Architects, MP Chapter.
6	First Position in the Bachelors Architecture course	First position with distinction	Madhav Institute of Technology and Science, Gwalior.
7	First position, Gold Medal in the Master of Ekistics course	First position with distinction and Gold Medallist	F/O Architecture and Ekistics, Jamia Millia Islamia, New Delhi.
8	Area Development project for Wills World Cup 1996	Certificate of Appreciation	Gwalior Cricket Development Authority, Gwalior.
9	IIA Convention Magazine	Certificate of Appreciation & Medal	IIA M.P. Chapter
10	National Design Competition	For the design of milk parlour of Vita, Haryana Dairy Development Corporation.	Haryana Dairy Development Corporation
11	Birla white Yuva Ratna Awards 2011	For being team Guide from SPA Bhopal.	Birla White

5. Publications

Book / Edited Journal

S. No.	Type	Name/ Title	Year	Publisher	Author
1	Book ISBN- 978-620-0-24721-6	Inclusive Living Environment in Urban Residences for Elderly	2019	Lap Lambert academic Publishing	Sandeep Sankat
2	Journal Edited	Special Issue of Design for All Publication Edited	2017	Design for All Institute of India	Editor: Sandeep Sankat

S. No	Author	Year	Title	Citation
6. Papers Published in journals / Online publications				
1	Sandeep Sankat Anne Britt Torkidsby	2018	Achieving Success of "Accessible India campaign" Through Universal design education in India.	Sankat, S., & Torkidsby, A. B. (2018). Achieving Success of "Accessible India campaign" Through Universal design education in India. In G. C. al. (Ed.), Transforming our World Through Design, Diversity and Education (pp. 40 - 55). Dublin, Ireland: IOS Press.
2	Sandeep Sankat	2017	Sugamya bharat ka Adhaar, Universal Design Education in India	Sankat, S. (2017, April). Sugamya Bharat ka Aadhaar, Universal Design Education in India. (S. Sankat, Ed.) *Design for All , 12* (04), pp. 25 – 72.
3	Sandeep Sankat Rachna Khare	2017	Universal Design Education in Architecture: An Experiential and Simulation Exercise	Sankat, S., Khare, R., & Solanki, S. (2017, April). Universal Design Education in Architecture: An Experiential and Simulation Exercise. *Design for All* , pp. 90 – 111.
4	Sandeep Sankat Rachna Khare	2017	Universal Design Innovation Centre for Heritage	Sankat, S., & Rachna, K. (2017, April). Universal design Innovation for Heritage. (S. Sankat, Ed.) *Design for All , 12* (04), pp. 73 – 89.
5	Sandeep Sankat Rachna Khare Sushil Solanki	2017	Exploration of Issues for Indian Elderly through User centric Design Studio	Sankat, S., & Khare, R. (2017, April). Exploration of Issues for Indian Elderly through User centric Design Studio. *Design for All* , pp. 118 – 131.
6	Sandeep Sankat Rachna Khare	2017	Centre for Human centric research (CHCR) at school of Planning and Architecture, Bhopal.	Sankat, S., & Khare, R. (2017, April). Centre for Human centric research (CHCR) at school of Planning and Architecture, Bhopal. (S. Sankat, Ed.) *Design for All* , pp. 14 – 22.
7	Sandeep Sankat Devarshi Chaurasia	2017	Bus Rapid Transit (BRTS): A Case Study to investigate it's Use by the Persons with Disabilitry.	al., N. S. (Ed.). (2017). Bus Rapid Transit (BRTS): A Case Study to investigate it's Use by the Persons with Disabilitry. *Advances in Intelligent Systems and Computing, Advances in Human Aspects of Transportation,. 484*, pp. 799-809. Orlando, Florida, USA: Springer International Publishing Switzerland 2017.
8	Sandeep Sankat Rachna Khare	2015	Creating Inclusive Environment for Indian Elderly - An Identification of the Enabling Environmental Issues	Sankat, S. (2015). Creating Inclusive Environment for Indian Elderly - An Identification of the Enabling Environmental Issues. *Journal of The Indian Institute of Architects , 80* (03), 40-43.
9	Sandeep Sankat Sushil Solanki	2015	Realizing Prticipatory Model of Teaching in Architectural Education: Towards participatory Building Services Studio from Theory	Sankat, S., & Solanki, S. (2015). Realizing Prticipatory Model of Teaching in Architectural Education: Towards participatory Building Services Studio from Theory Based Classes. *International Journal of Engineering and Technology (IJEIT) , 08* (09).

			Based Classes	
10	Sandeep Sankat Rachna Khare	2014	Craeting Enabling Environments for Indian Elderly;Methodology for Identification of Envireonmental Challenges	Sankat, S.& Khare (2014). Craeting Enabling Environments for Indian Elderly;Methodology for Identification of Envireonmental Challenges. In h. C. (Eds.) (Ed.), *Universal design 2014: Three Days of Craetivity and Diversity* (pp. 60-68). Lund, Sweden: IOS Press.
11	Sandeep Sankat Rachna Khare	2014	Exploring Issues for Indian Elderly through Intense User Centric Design Studio.	Sankat, S., & Khare, R. (2014). Exploring Issues for Indian Elderly through Intense User Centric Design Studio. In H. C. (Eds.) (Ed.), *Universal design 2014: Three Days of Creativity and Diversity* (pp. 425 - 426). Lund, Sweden: IOS Press.
12	Sandeep Sankat Rachna Khare Sushil Solanki	2014	User Centric design Using Full Scale Simulation Tool.	Sankat, S., Khare, R., & Solanki, S. (2014). User Centric design Using Full Scale Simulation Tool. *Design for All , 09* (V).
13	Sandeep Sankat	2012	Inclusive Housing by Edward Steinfeld. *SPANDREL*	Sankat, S. (2012). Book Review: Inclusive Housing by Edward Steinfeld. *SPANDREL* , 164-165.

7. Papers presented / Key note address/ Invited lectures, in Conferences, seminars, but not published.				
S. No	Author	Year	Title	Citation
14	Sandeep Sankat (Key note speaker)	2017	Universal Access - Challenges in designing for Disabilities.	Sankat, S. (Feb, 2017). Universal Access - Challenges in designing for Disabilities. *2nd Natinal Conference, SDPS Women's College, Indore.* Indore, India: SDPS College Indore.
15	Sandeep Sankat (Key note speaker)	2017	Sustainable Urban development and Universal Access in Exterior and Interior Built Environment.	Sankat, S. (Feb 2017). Sustainable Urban development and Universal Access in Exterior and Interior Built Environment. *National Conference on Emerging Trends in Sustainable Urban Development.* Gwalior, India: Amity University, Gwalior.
16	Sandeep Sankat (Invited expert)	2017	Infrastructure Development and universal Access in Built Environment.	Sankat, S. (March 2017). Infrastructure Development and universal Access in Built Environment. *AICTE Sponsored two week STP under QiP on infrastructure development.* Gwalior, India: MITS, Gwalior.
17	Sandeep Sankat Rachna Khare Shweta Vardia	27 March 2016	Access Audit Workshop at Jaigarh Fort, Jaipur	'Access in Museums in South Asia', organized by Maharaja Sawai Man Singh II Museum, City Palace, Jaipur, India, in partnership with ICOMOS India and supported by the International Institute for the Inclusive Museums.
18	Sandeep Sankat Rachna Khare Shweta Vardia	20th-24th March 2016	Universal Design Audit Workshop at Kanota Museum, Jaipur	
19	Sandeep	Dece	Development of	International Conference on Universal Design and

	Sankat Rachna Khare	mb er 2013,	Design Guidelines to Create Inclusive Enabling Environments for Indian Elderly	Assistive Technology-UniDAT 2013, organized by Indian Spinal Injuries Center, New Delhi
17	Sandeep Sankat	2012	Rethinking Architectural Design in Terms of Universal Design with a focus on Situation of Indian Elderly.	Sankat, S., & Khare, R. (2012). Rethinking Architectural Design in Terms of Universal Design with a focus on Situation of Indian Elderly. *International Conference on universal design UD2012.* Lillistrom, Norway.
18	Sandeep Sankat	2012	Seamless accessibility at Religious / pilgrimage Destinations of India	Sankat, S., & Khare, R. (June, 2012). Seamless accessibility at Religious / pilgrimage Destinations of India. *International Conference UD2012 on Universal Design, Lillistrom, norway.* lillistrom, Norway.
19	Sandeep Sankat Qamar Irshad	2008	Resurgence of Development process for the understanding and preparation of a Democratic alternative,	Sankat, S., & Irshad, Q. (Jan 2008). Resurgence of Development process for the understanding and preparation of a Democratic alternative, *10th International Conference on Human Habitat.* mumbai: Rizvi College of Architecture, mumbai.
20	Sandeep Sankat Qmar Irshad	2008	The Quest for an Alternative Approach for Sustainable Cities.	Sankat, S., & Irshad, Q. (Jan 2008). The Quest for an Alternative Approach for Sustainable Cities. *10th International Conference on Human Habitat.* mumbai: Rizvi College of Architecture, mumbai.
21	Sandeep Sankat	2007	Global Environmental Crisis and Islam.	Sankat, S. (December, 2007). Global Environmental Crisis and Islam. *ICIAA International Conference on Islamic Art and Architecture, 2007.* F/O Architecture and Ekistics.
22	Sandeep Sankat	2007	Planning of Cities, An alternative Approach	Sankat, S. (October 2007). Planning of Cities, An alternative Approach. *Architecture for Masses, 2007.* New Delhi: faculty of Architecture and Ekistics, Jamia millia Islamia.
23	Sandeep Sankat Yogendra Pratap Singh	1996	Architectural Consideration to Achieve Economy in Planning for Low Cost buildings.	Sankat, S., & Singh, Y. P. (1996). Architectural Consideration to Achieve Economy in Planning for Low Cost buildings. *Natinal conference on Low cost construction.* Bhopal: MACT, Bhopal.
8. **Poster Presentation for the International Conference (selected)**				
24	Sandeep Sankat Rachna Khare	2014	Social Change and Housing for Indian Elderly;craeting Inclusive and Enabling Urban Environment	Sankat, S., & Khare, R. (May, 2014). Social Change and Housing for Indian Elderly;craeting Inclusive and Enabling Urban Environment. *EDRA 45, Building with Change.* Louisiana, New Orleans: EDRA 45.
25	Sandeep Sankat Rachna Khare	2012	Seamless Accessibility at the Religious / Pilgrimage Destinations of India	Sankat, S., & khare, R. (September 2012). Seamless Accessibility at the Religious / Pilgrimage Destinations of India. *13th International Conference on Mobility and Transport for Elderly and disabled Persons, TRANSED 2012 .* New Delhi, India.
26	Sandeep Sankat Rachna Khare	2012	Rethinking Architectural Design in terms of Universal Design - With a Focus on Situations of Indian Elderly.	Sankat, S., & Khare, R. (September 2012). Rethinking Architectural Design in terms of Universal Design - With a Focus on Situations of Indian Elderly. *13th International Conference on Mobility and Transport for Elderly and Disabled Persons, TRANSED 2012.* New Delhi, India.

9. Curriculum Design and Development of B. Arch courses			
S.No.	Curriculum (B .Arch.)	Institute	Position
1.	Designed the Curriculum of B. Arch. (Semester wise) course	Faculty of Architecture and Ekistics, Jamia Millia Islamia, New Delhi.	Coordinator
2.	Team member for the Design of B. Arch. Curriculum (Year wise) course	Faculty of Architecture and Ekistics, Jamia Millia Islamia, New Delhi.	Member
3	Designed the Curriculum of B. Arch. (Semester wise) course (2009- last batch 2020)	School of Planning and Architecture, Bhopal	Coordinator
4	Team member for the Design of B. Arch. Course (New), Member for the design of curriculum for the core subject Building construction and materials.	School of Planning and Architecture, Bhopal	Team Member and Coordinator for the Subject, Building Construction and Materials.

10. Courses taught: PhD (Research Methods, International Standards of Research Quality), Maters Urban Design (Enabling Environment), B. Arch. B.Plan.

11. Thesis guidance at UG and PhD Level

S. No.	UG/ PhD programme	Number of Students
1	Thesis (Ph.D.) Supervision	At present Supervising 1 PhD student as Guide (Ar. Ankit Kumar).
2	B. Arch. Thesis Guide (Undergraduate Level)	Guided 15 students for B. Arch. Thesis at F/O Architecture and Ekistics, Jamia Millia Islamia, New Delhi
3	B. Arch. Thesis Guide (Undergraduate Level)	Guided 18 students for B. Arch. Thesis at School of Planning and Architecture, Bhopal.

12. Conferences, Seminars and Workshops organized: International and National

- South Asian Vernacular Architecture Conference on the 'Challenges to the continuity of vernacular architecture and strategies for its future', in collaboration with IGRMS and ITRHD, Bhopal, from 10th-13th December, 2015, member organizing committee.
- 'Social Equity through Universal Design' Workshop organized at IIT Kharagpur, from12th - 13th October, 2015
- 'Buddha Hoga Tera Baap'-Design for Elderly, 'International Open Elective', organized at National Institute of Design, Paldi, Ahmedabad, from 21st January-1st February, 2013. •
- Four days National Level Workshop on 'Accessibility, organized at SPA Bhopal, funded by Ministry of Social Justice and Empowerment under Accessible India Campaign, from 9th to 12th December 2016.
- 'Ankeshan', an interdisciplinary student competition at SPA Bhopal organized under DIC project of MHRD in October-December 2016
- Two workshops on Universal Design at Heritage Sites at City Palace Jaipur in March 2016.
- Three days National Universal Design Workshop 'Inclusive Design for Cultural Interface for Pilgrimage Sites' organized by SPA-Bhopal in collaboration with Berkeley Prize, UNESCO and DRONAH, in March2014.
- National Student Design Competition 'Inclusive Design for Cultural Interface for Pilgrimage Sites' for Students in which about two hundred colleges all over the country registered at first stage organized by SPABhopal in collaboration with Berkeley Prize, UNESCO and DRONAH, in Oct- March 2014.
- Three days National Universal Design Workshop 'Universal Design for Exploring World Heritage Sites in India' organized for Architecture Students organized by SPA-Bhopal in collaboration with ASI, UNESCO and DRONAH, in October 2012.

- National Student Design Competition for Students in which about one hundred and seventy colleges all over the country registered at first stage organized by SPA-Bhopal in collaboration with ASI, UNESCO and DRONAH, in April-Oct 2012.
- Three days National Universal Design Workshop organized for Architecture Students with participation of almost 100 students, organized by SPA-Bhopal in collaboration with National Institute of Orthopaedically Handicapped Kolkata, in March 2011
- National Student Design Competition for Students in which about eighty colleges all over the country registered at first stage organized by SPA-Bhopal in collaboration with National Institute of Orthopaedically Handicapped Kolkata and National Architecture Students Association, in October 2010.

13. Foreign Visits

Country Visited	Duration of Visit	Purpose of Visit
Germany (Visited Erfurt, Weimer, Casal, Frankfurt and Berlin)	12 days	Under DAAD, Coordinator for the Student exchange programme, with Fachhochshule Erfurt University of Applied Sciences, Erfurt , Germany and F/O Architecture and Ekistics, Jamia Millia Islamia, New Delhi **(Got a proposal to teach for 6 months in FHE, Erfurt, Germany.)**
Norway (Visited Lillistrom)	3 Days	To present two papers at the International conference UD 2012 at Oslo.
Norway (Visited Trondheim, Oslo)	3 days	To be the part of study group to study; - The accessible transportation system of Oslo, Norway designed based on Universal Design. - The accessible heritage sites of Trondheim, Norway designed based on Universal Design - The accessible landscape site of Trondheim, Norway designed based on Universal Design
Sweden (Visited Lund and Malmo)	3 Days	To participate and present two papers at the International conference UD 2014 at Oslo.
USA, (Orlando, Florida) (Visited New York and Orlando)	7 days	To present two papers at the International conference AHFE 2016, Orlando, Florida, USA.
Norway (Visited Trondheim, Gjovik, Lillehammer)	**30 Days**	**Erasmus + Global mobility programme, selected for the project to prepare a universal design curriculum.**
Ireland (Visited Dublin and London)	**09 Days**	To participate and present paper at UDHEIT 2018, an international conference at Dublin, Ireland.

14. Research Consultancy Projects with SPA Bhopal and F/o Architecture and Ekistics, JMI, New Delhi.

Period	Organization	Title of Project and Nature of Work
With consultancy cell of F/O Architecture and Ekistics, Jamia Millia Islamia, New Delhi		
2003	Jamia Millia Islamia, New Delhi	Interior of Makhtaba Jamia, JMI/ Architectural Design and drawings.
2004 – 2006		FTK Centre for Information Technology, JMI , a computer center fo the Jamia Millia Islamia, University, New Delhi/ Architectural Design and drawings.
2005- 2007		Centre for Management Studies, JMI, Management Institute for the Jamia Millia Islamia, University, New Delhi./ Architectural Design and drawings.
2005 – 2007		Viewers Gallery at Sports Complex, JMI/ Architectural Design and drawings.
2006 – Aug 2009		Medical Center, JMI. A 150 bedded hospital for the Jamia Millia Islamia, University, New Delhi./ Architectural Design and drawings.
2008 – Aug 2009		Masjid, Teacher's Hostel, JMI./ Architectural Design and drawings.
2007 – 2008		Entrance Gates for the Faculty of Engg & Tech ,Girls Hostel, Mujeeb Bagh, JMI/ Architectural Design and drawings.
With Japan Economic Trade Research Organization, New Delhi		
2007	For Japan Economic Trade Research Organization working for , "Japan design Foundation"	Study to understand and identify the architectural needs of people preferring the condominiums in New Delhi, India.
2008		Study to understand and identify the architectural needs of people preferring the condominiums in Mumbai, India.
With School of planning and Architecture, Bhopal		
From July 2011 (Ongoing…)	Narmada Valley Development Authority, Govt. of Madhya Pradesh, India	Area Development project of Narmada Valley Development Authority, Govt. of Madhya Pradesh, India for the Man and Jobat irrigation projects of NVDA.
2011	Design of Elevations for the Hostels of SPA Bhopal at Bhauri, Bhopal.	Design of Elevations of hostels of School of Planning and Architecture, Bhopal.
With Center for Human Centric Research, School of Planning and Architecture, Bhopal		
2012 – 13	With CHCR, SPA Bhopal, in collaboration with Arushi and UNICEF	Design of Toilets and Drinking water taps for Aangan wadis and Government schools of various remote villages of Madhya Pradesh.

2013-14	Design of Tableau for 26th Jan 2014 for Ministry of Health and Empowerment with CHCR, SPA Bhopal	Design of Tableau for 26th Jan 2014 National Event 26th January parade at New Delhi..
2016 (On going)	National Health Mission, Bhopal.	Design of SAMARPAN, Early Intervention Centre for the National Health Mission, Bhopal.
2015 (Ongoing)	Maharana Mewar Cheritable Foundation, Udaipur, Rajasthan	Forts are meant to be non accessible, It's an attempt to make the Udaipur city palace accessible. Leading member of the team for the project to make Udaipur city palace accessible.
2015 (Ongoing)	**Design Innovation Center (Grant of 50,00,000/- Indian Rupees**	**Co-PI, Centre for Human Centric Research at SPA Bhopal, The project is a Grant from Ministry of Human resource Development for the development of an innovative app and web based application under the DIC project.**

15. Professional Training

S. No.	Year	Nature of Training	Duration	Organization where training was provided
1	2006	Orientation Course	Academic staff college, 1st – 28th Nov 2006 (28	Academic Staff College, Jamia Millia Islamia, New Delhi
2	2007	Refresher Course	Refresher Course on computer Application 7th -	Academic Staff College, Aligarh Muslim University, Aligarh
3	2013	Inspection reforms – Experts training programme for the Inspections of Architecture college	01 Day	School of planning & Architecture, Bhopal
4	2004	Workshop on Architectural Education (Oct, 2004)	(Oct, 2004) two days	Faculty of Architecture & Ekistics Jamia Millia Islamia, New Delhi-25
5	2012	Online Certificate course on "Home Modification "of IDeA Center for Inclusive Design and Environment	01 month	IDeA Center for Inclusive Design and Environment Access, SUNY at Buffalo, NY.
6	2012	IDeA Center for Inclusive Design and Environment Access, SUNY at Buffalo, NY.	01 month	IDeA Center for Inclusive Design and Environment Access, SUNY at Buffalo, NY.
7	2010	Remote Sensing and GIS Application in Planning	5 days	School of planning & Architecture, Bhopal
8	2010	DGPS survey Training,	02 days	Maulana Azad National Institute of Technology, Bhopal
9	2010	Principles and Application of GIS	02 Days	School of planning & Architecture, Bhopal

10	2010	GPS Technology and Its application	02 Days	MANIT, Bhopal
11	2012	Website Design ; hosting and Management.	02 days	IIFM, Bhopal.
12	2005	Integrating Humanities and Social Sciences in Technical Education	05 Days	IIT Guwahati
13	2005	Architecture for Earthquake Resistance of Buildings	05 Days	Under NPEEE programme at Sarvajanik College of Architecture, Surat
14	2005	Innovation and Creativity Development	05 Days	NITTTR, Chandigarh
15	2006	Workshop on Architecture Design	05 days	NIASA, CDSA campus, Bawdhan, Pune
16	2003	Earthquake Resistance Design for Built Environment	05 Days	Under NPEEE programme at IIT, Roorkee
17	2011	Designing Barrier Free Environment	05 Days	IIT, Roorkee
18	2010	Universal design and barrier free Architecture	O5 days	NIASA, CDSA campus, Bawdhan, Pune
19	2010	Emerging Trends in Digital Architecture	05 days	NIASA, CDSA campus, Bawdhan, Pune
20	2010	Workshop on Integrating Stone Crafts in Architecture	3 days	School of planning & Architecture, Bhopal
21	2014	Teaching Research methodology	02 days	MITS, Gwalior
22	2004	Workshop on Architectural Education	(Oct 2004) 2 days	Faculty of Architecture and Ekistics, Jamia Millia Islamia, new Delhi.
23	2010	Workshop on GIS Technology and its Applications, (April 2010)	(April 2010) two days	School of planning & Architecture, Bhopal
24	2011	Revit	7 days	School of planning & Architecture, Bhopal
25	2003	Urban Planning and GIS Mapping (Masters Level)	03 Months	M.P. Pollution Control Board, Paryawaran Parisar, Bhopal
26	2007	GIS Software	05 Days	NIIT GIS ltd. New Delhi
27	2011	Training on 'Micro Station'	03 Days	School of planning & Architecture, Bhopal

28	2019	All India DIC MEET	02 Days	School of planning & Architecture, New Delhi

16. Experience: Administrative posts at SPA Bhopal

Contribution to corporate life and management of the department and institution through participation in academic and administrative committees and responsibilities.

S. No.	Period	Nature of Responsibility	Designation
1	Jan 2019 – June 2019	Management, Conduct and organization of activities related to Academics	Dean Academics
2	Jan 2017 –Dec 2018	Management, Conduct and organization of all student related activities at SPA Bhopal	Associate Dean student Affairs
3	July 2019 till present	In-charge Library for the conduct of library activities	In-charge Library
4	2016-2017	Management and organization of all examination activities of Masters and Bachelors programmes at SPA Bhopal.	Controller of Examination
5	Jan 2017 –Feb 2018	Management, Conduct and organization of activities related to the centre.	Coordinator CHCR , Centre For Human Centric Research
6	2009-2011	Prof. In charge for the SPA, Bhopal library (2009 to August, 2011)	Prof. In charge for the SPA, Bhopal library
7	2011 -2014	Hostel Superintendent for the Boys hostel at Ratibad, Bhopal.	Hostel Superintendent
8	2009 -2014	Academic council, School of Planning and Architecture, Bhopal	Member, Academic council
9	2009 till now	Board of Studies, Architecture.	Member, BOS, Architecture
10	02/01/2017 to 29/12/2017	PI for the Consultancy Project: Samarpan Resource Center (SRC) of National health Mission, Bhopal	In charge PI and |member of the team
11	02/01/2017 to 29/12/2017	PI for the Consultancy Project: DIC, Design Innovation Center (UDIH, Universal Design Innovation for the Heritage sites and Cities in India)	In charge PI and member of the team
12	08/04/2017 till present	HOUSING Allotment Committee	Chairman

13	11/11/2009 to 2011	Professor In-charge Library for the conduct of library activities	Prof. In charge library
14	01/01/2017 to 01/01/2018	Doctoral research committee	Member DRC
15	02/02/2015	Establishment of Workshop and Material Lab	Member, Committee
16	17/08/2009	Member purchase committee for the purchase of books library	Member, Committee
17	14/01/2011	Tender Committee, Building Works Department	Member Committee
18	19/01/2015 to 01/01/2017	Alumni , School of Planning and Architecture, Bhopal	Alumni coordinator
19	2011	Designed the Curriculum B. Arch. Programme (Designed the whole curriculum for B. Arch course 20111-2020)	Coordinator
20	2015	Design of Curriculum for Building Construction for the Subject building construction	Member, Committee
21	2009 – 2014	Conduct of all student related literary, sports and extracurricular activities.	Advisor, Student Council, SPA Bhopal
22	2015-2016	Cultural Coordinator for the conduct of all cultural programmes at SPA Bhopal.	Coordinator
23	2009 – 2014	For the Graphic designing of the Information brochure (2010, 11, 12, 13 and 14), Posters, leaflets etc of School of Planning and Architecture, Bhopal.	Coordinator
24	2011, 2013, 2014	To manage and work for the conduct of National Student Design Competition of SPA Bhopal	Coordinator, NSDC competition and Workshop
25	2014	Conducted A full scale simulation exercise done with the students of architecture participating in NSDC 2014 for the identification of challenges / issues faced by Elderly. A rating by these students done for the list of identified challenges which further reconfirmed the issues.	Coordinator
26	2014	Team member for the conduct of Integral Studio for Berkeley Prize Teaching Fellowship on " Universal Design for Cultural Interface in the sacred site of Ujjain" the studio exercises focus on Universal Design.(Design temporary shelters for kumbh)	Team member

27	2013	Team member for the Design Studio for Berkeley Prize Teaching Fellowship on " Universal Design for Cultural Interface in the sacred site of Ujjain" the studio exercises focus on Universal Design.(Design of Dharamshala)	Team member
28	2011, 12, 13	Team Guide for the NSDC participant winning teams.	Team Guide
29	2011	Team Guide Birla white Yuva Ratna award 2011 got certificate of appreciation for the guidance to the student.	Team Guide
30	2011	Member of the team to coordinate and manage the conduct of STP, Remote sensing and GIS Applications in Planning, at SPA Bhopal.	Member, committee
31	2010	Member of the team to coordinate and manage the conduct of Principles and applications of GIS workshop, at SPA Bhopal.	Member, committee
32	2010	Member of the team to coordinate and manage the conduct of Stone crafts workshop, at SPA Bhopal.	Member, committee
33	2012, 2013	Member of the team to coordinate and manage the conduct of Integral Studio, a annual event at SPA Bhopal.	Member, committee
34	2013	Coordinator for the Open Elective , "Buddha Hoga Tera Baap, conducted at NID, Palidi, Ahmedabad	Coordinator

17. Experience: Administrative posts at F/O Architecture and Ekistics JMI, new Delhi

Contribution to corporate life and management of the department and institution through participation in academic and administrative committees and responsibilities.

Period	Nature of Responsibility	Designation
2006-2009	**Member Academic Council, JMI**	**Member , Majlis –E - Talimi**
2002 – 2009	Conduct of all student related literary, sports and extracurricular activities.	Student Advisor
2002 – 2009	President Tennis Club, conduct of tennis activities at JMI.	President Tennis Club,
2008	Coordinate the DAAD student exchange programme for the visit to **Fachhochshule Erfurt University of Applied Sciences, Erfurt , Germany .** Cross cultural aspects in teaching architecture, energy and architecture. **(Got a proposal to teach for 6 months in FHE, Erfurt, Germany, The offer letter attached.)**	Coordinator for the student exchange programme.

2007	Seminar Presentations by Ar. Christopher Hadgikritos,	Member, organizing committee
2007	Seminar Presentations by Bionic Architecture by Ar. Cervera Pioz, Ar. Maria Roza Cervera,	Member, organizing committee
2007	Seminar Presentations by Ar. Frederick Swartz, II prize winner WTC competition	Coordinator
2006	Seminar Presentations by Ar. Daniel Libeskind, Master planner WTC.	Coordinator
2004	Workshop on Architectural Education	Member, organizing committee
2007	Organization of SAARC Architecture summit (student forum)	Coordinator
2004, 2006, 2008	Organization of Seminar series "Architecture for Masses"	Member, Organizing committee.
2004 – 2008	Tabulation of the examination results of the students of F/O Arch. & Ekistics, JMI New Delhi	Tabulator for results.
2002 – 2009	Conduct of all student related co-curricular activities, sports activities, literary activities etc.	Student Advisor
2006 – 2007	Conduct of exams of F/O Arch. & Ekistics JMI, New Delhi	Assistant Superintendent of Examinations
2004- 2008	Conduct of entrance exams of F/O Arch. & Ekistics JMI, New Delhi	Assistant Superintendent of Examinations
2007- 2009	Technical decisions, for the various building construction projects of JMI.	Member Technical committee.
2002 – 2009	Academic matters of F/O Arch. & Ekistics, JMI. New Delhi	Member Board of Studies
2006-2009	Matters of Faculty of architecture & Ekistics, JMI New Delhi	Member Faculty Committee
2006-2009	Academic matters of F/O Arch. & Ekistics, JMI. New Delhi	Elected Member Academic Council, of Jamia Millia Islamia ("Majlis- E – Talimi")
2002	Designing of B.Arch. curriculum (Semester system)	Coordinator
2004	Designing of B.Arch. curriculum (Yearly system)	Member, committee.

18. Research Experience: Summary; Details of Doctoral, Masters and Bachelors Thesis

Academic Research / Projects	
Doctoral Degree	**The aim of this research is to study the situations of Indian elderly and to generate a framework to create inclusive living environment for the Indian elderly.** To begin with, Preliminary diagnostic surveys are done to study and establish the need of creation of inclusive living environments for the Indian elderly at all levels of environment design. An extensive literature review is done to understand ageing,

	associated problems and the International concepts. Then a field survey is performed to identify the challenges that the elderly face in activities of daily living (ADLs) in the Indian context. The survey is done for the upcoming urban housing typologies in India. These upcoming typologies are identified with market survey and scientific layering of the data. Then forty eight elderly in the age group of 60 to 85 years representing independent elderly, frail elderly, and dependent elderly are studied using environment-behavior research tools, living in joint and nuclear families, in identified housing typologies. The collected data from interview questionnaires, audios, traces and photographs, is analyzed in layers to identify twenty environmental issues. Based on these identified issues, analysis and synthesis is done to identify the possibilities of interventions at architecture design level. It has been established through testing and validation that the gap can be filled by guidelines to create Inclusive living environments for the Indian elderly. Thus, a methodology to develop the guidelines has been prepared. Following this methodology, the guidelines to create "Living Environments for the Indian Elderly" are prepared. Following the developed guidelines, Inclusive living environments in urban residences can be designed for the Indian elderly.
M. EKISTICS THESIS	"Resurgence of Development Process for the understanding & Preparation of a Democratic Alternative". The rapid population growth in the urban areas coupled with unplanned and haphazard development and skewed pricing policies of services have given us the present form of settlements which although planned but seems unplanned ….Thus the thesis was an attempt to understand the present form of the city and to suggest an alternative form of the city, Which is Democratic.
B. ARCH THESIS	Tourist Resort, at Tighra Gwalior. The project was a proposed project by the GDA to promote Water and Aero sports promotion along with developing a tourist resort at Tighra Gwalior, (M.P.)

19. Research Experience (excluding research done for Master's and Doctoral programme)

Duration	Organization	Area(s)
10 Years	Centre for Human Centric Research (CHCR), School of Planning and Architecture, Bhopal	Universal Design and Accessibility, barrier free architecture.
24 Months	Centre for Human Centric Research (CHCR), School of Planning and Architecture, Bhopal Organization and conduct of classes for National Student Design Competition 1, 2 and 4	Universal Design and Accessibility in Pilgrimage and Heritage sites
03 Month	Centre for Human Centric Research (CHCR), School of Planning and Architecture, Bhopal With organization and conduct of open elective at NID, Palidi, Ahmedabad	Universal Design, Accessibility and Barrier free Architecture and Elderly.
36 Months	F/O Architecture and Ekistics, Jamia Millia Islamia, conduct of Architecture for Masses,	Architecture for Masses, Vernacular

	a national event organized once in two years at JMI, New Delhi.	Architecture, Indigenous Architecture.
3 Months	For Japan Design foundation with Japan Economic Trade Research Organization, New Delhi	Study Condominiums and the needs and aspirations of people residing in condominiums of Greater NOIDA and Gurgaon, New Delhi
3 Months	For Japan Design foundation with Japan Economic Trade Research Organization, New Delhi	Study Condominiums and the needs and aspirations of people residing in condominiums of Hiranandani, Powai Mumbai
24 Months	Fachhochshule Erfurt University of Applied Sciences, Erfurt , Germany **(Got a proposal to teach for 6 months in FHE, Erfurt, Germany,**	Cross cultural aspects in teaching architecture, energy and architecture.

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20. Membership of Professional Societies/Institutions/ Academic Boards.

S. no.	Name of the Professional Institute /Society/Boards	Type of Membership
1.	Council of Architecture, India	Life Member
2.	Indian Institute of Architects, India	Member
3.	Board of Studies, MITS, Gwalior	Member
4.	Board of Studies, IIITM, Gwalior	Member
5.	Board of Studies, LNCT, Bhopal.	Member

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