



## CURRICULUM VITAE OF RACHNA KHARE



### **Brief Bio**

*Rachna Khare is full Professor and Dean (Research and Faculty Affairs) at School of Planning and Architecture Bhopal. Prior to this she was a Senior Research Fellow with Jamsetji Tata Universal Design Research Chair at National Institute of Design, Ahmedabad and taught at Birla Institute of Technology, Mesra. Starting her career in the early nineties as an Exhibition Officer cum Designer in Jawahar Kala Kendra, Jaipur, she practiced for eight years in the field and then joined academia. She is a dedicated teacher and keen researcher for last Eighteen years. She was recognized as 'Inspired Teacher' by Hon'ble President of India and stayed Scholar-in-Residence at Rashtrapati Bhavan in 2016.*

*Rachna is a recipient of the prestigious Fulbright Fellowship and was affiliated with the Georgia Institute of Technology, Atlanta, USA during her PhD. Her research interests in the field of 'Universal Design' and 'Designing for Special Needs' have earned her grants and awards nationally and internationally. Apart from the Fulbright award, she is recipient of IMFAR-2009, Professionals from Developing Country Award, Chicago; Friends of Fulbright India Grant-2008, Lewisburg; Universal Design Award for Working professional-2011 by NEPEDP-MPhasiS, India and R&D projects from All India Council of Technical Education and University Grants Commission in India. She works closely with the United Nations and consults internationally on disability issues and public access.*

*She has lectured extensively on Inclusive Design all over the world and has many papers in various National and International journals and conferences to her credit. Her papers appeared in the publications like Taylor and Francis, Sage, HFES, EDRA, RESNA and Archnet MIT. Her book 'Designing Inclusive Educational Spaces for Autism' published by the Institute of Human Centered Design, Boston, USA was released in 2010 at 'Build Boston', the book received 'Certificate of Merit' in ArchiDesign Award-2010. She has also edited special issues of internationally refereed journals called 'SPANDREL' on 'Social sustenance' in 2012 and 'ABACUS' on 'Architecture for All' in 2007. Some major events organized by her are 'Universal Design Workshop' and National Student Design Competition (NSDC-211) on 'Universal Design/Design for All'-2011 in collaboration with the National Institute of Orthopaedically Handicapped, Kolkata and NSDC-2012 on 'Universal Design for Exploring World Heritage Sites in India' in collaboration with the Archaeological Survey of India and UNESCO. She is one of the authors of Universal Design India Principles developed at the National Institute of Design, Ahmedabad in 2011. She serves as reviewer in many publications like EDRA, HFES, The Design Journal, and was also a jury member of Berkeley Prize Essay Competition-2013, endorsed by UC Berkeley, USA.*

*Rachna is well known as an activist and is a founder member of an NGO called 'Movement for Intervention, Training and Rehabilitation of Children with Autism' (MITRA). She also stayed convener of Kislaya Vidya Mandir for several years, a school for underprivileged children supported by 'Asha' Stanford. She currently member secretary of DRONAH Foundation, Development and Research Organization for Nature Arts and Heritage in India.*

*Other than her regular teaching and research at School of Planning and Architecture, Rachna founded and coordinated a Centre for Human Centric Research (CHCR) that aims to build a body of knowledge that responds to the design needs of diverse human population otherwise marginalized in the past design practices.*

## Detailed CV of Rachna Khare

1. **Name, Sex and Nationality:** Rachna Khare, Female, Indian
2. **Council of Architecture Registration Number:** CA/93/16117
3. **Address for correspondence:** Neelbad Road, Bhopal  
E-mail: [khare\\_rachna@hotmail.com](mailto:khare_rachna@hotmail.com)  
[rachnakhare@spabhopal.ac.in](mailto:rachnakhare@spabhopal.ac.in)

**4. Educational Qualifications:** *(Interests: Universal Design, Environmental Psychology, Environment and Behaviour Studies, Architectural Research Methods)*

S.No	Name of the course/Degree	Subjects	Institution/Board/University	Year of
1.	Ph. D (Architecture)	Designing Inclusive Educational Spaces for Autism	Birla Institute of Technology, Mesra/ Fulbright Doctoral Scholar at Georgia-Tech, USA	2010
2.	PGDEE	Environmental Studies	Indian Institute of Ecology and Environment, New Delhi, India	2001
3.	Bachelor of Architecture	Architecture Subjects	Government College of Architecture, Lucknow University,	1991
4.	AISSE	All Subjects	Central Board of Secondary Education	1986
5.	AISSCE	All Subjects	Central Board of Secondary Education	1984

**5. Employment Experience:** (Seventeen years-Teaching, Eight years-Industry)

S. No.	Details of the post held	Organization	From	To
1.	Professor (Present Dean, Stayed HoD, Associate Dean, Coordinator- Center for Human Centric Research)	School of Planning and Architecture, Bhopal	June 2010	Till Date
2.	Jamsetji Tata-NID Universal Design Research Chair-Senior Research Fellow	National Institute of Design, Ahmedabad	Oct 2009	June 2010
3.	Lecturer -Selection Grade (Reader Scale)	Birla Institute of Technology, Mesra, Ranchi (A Technical)	Oct 2005	Oct 2009
4.	Lecturer	Birla Institute of Technology, Mesra, Ranchi (A Technical)	July, 2000	Oct 2005
5.	Co-Director of an architecture and conservation consultancy firm	KHAM Consultants, Jaipur & Delhi	July, 1995	July, 2000
6.	Exhibition Officer Cum Designer	Jawahar Kala Kendra, Department of Art & Culture, Rajasthan Government.	September, 1994	June, 1995
7.	Co-Director of an architectural firm	KHAM Architects, Lucknow, Jaisalmer and Jaipur	July, 1991	August, 1994
08.	Architect in an architectural firm	Bose Brothers Architects Engineers and City Planners, New Delhi.	May, 1990	September, 1990

**6. Scholarships/Awards Received:**

- Recognized as 'Inspired Teacher' by Hon'ble President of India, and was Scholar-in-Residence at Rashtrapati Bhavan from 23rd April to 29th April 2016.

- Honorable minister MSJE nomination, to represent India at United Nations-Economic and Social Commission for Asia and the Pacific, South-South Cooperation Programme on Accessibility for Persons with Disabilities, 10-19 December 2014, at Guangzhou, Macao and Hong Kong, China.
- Jury, Berkeley Prize on Inclusive Design, endorsed by UC Berkeley, USA in 2013.
- ‘Universal design Award for Working professional-2012’ by NEPEDP-MPhasiS, India.
- ‘Certificate of Merit’ in ArchiDesign Award-2010, for best book written in Architecture.
- IMFAR-Professionals from Developing Country Award, by International Society of Autism Research, Chicago, USA, 2009.
- Fulbright Fellowship sponsored by Department of State, USA, for Professional and Doctoral Research 2007-08 availed at Industrial Design Program, College of Architecture, Georgia Institute of Technology, Atlanta, GA, USA.
- FFI (Friends of Fulbright India, Lewisburg, PA) Travel Grant Recipients from USA, 2007-08.
- Won Architectural Competition held for Police Housing, Jaipur, October 1998.
- Won Architectural Competition held for renovation of Rajasthali complex, Jaipur, November 1997.
- Won an Urban Conservation Competition held for Re-vitalisation of Ghat Ki Guni Complex, Jaipur, 1995.
- Merit scholarship of technical Education Board during B.Arch.

## 7. Publications

### A. Books, Book Chapters and Edited Journals

S.No	Type	Name/Title	Year	Title of the Publisher	Author
1	Book-Conference Proceedings	South Asian Vernacular Architecture; Challenges to its Continuity and Strategies for its Future	To be released in 2018	SPA Press	Editor: Rachna Khare, Sanmarga Mitra, Priyanka Singh, Brishbhanlali
2	Book	‘Uniting Differences’	March 2014 (ISBN 978-81-927981-0-3)	School of Planning and Architecture, Bhopal	Editor: Rachna Khare
3	Book	Designing Inclusive Educational Spaces for Autism-Book Authored	November 2010 (ISBN 9708358-8-4)	Institute of Human Centered Design (IHCD) Boston,	Rachna Khare
4	Journal Edited	Invited editor, Special Women Designer’s Issue of ‘Design for All’	May-2014,	Design for All Institute of India, New Delhi	Editor: Rachna Khare
5	Journal Edited	Special Issue of Design for All-Publication Edited	April, 2013	Design for All Institute of India, New Delhi	Editors: Rachna Khare, Piyush Verma,
6	Refereed Journal Edited	Topical issue on ‘Social Sustainance’ of ‘SPANDREL’ Issue IV	Spring 2012 (Internationally Refereed Bi-annual Journal, ISSN 2231-4601)	School of Planning and Architecture, Bhopal	Issue Editor: Rachna Khare
7	Refereed Journal Edited	Special Issue on ‘Architecture for All’ of ABACUS , Vol.2, No. 2.	July 2007 (Internationally Refereed Journal ISSN 0973- 8339)	Birla Institute of Technology, MESRA	Issue Editor: Rachna Khare
8	Book Chapter	Universal Design India Principles; a Contextual Framework for Universal Design Practice in India	Book Chapter in Empowering Children with Disabilities (ISBN 978-93-5266-321-7)	UNICEF and Mahatma Gandhi Labor Institute, Ahmedabad	Rachna Khare and Abir Mullick

9	Book Chapter	Environmental Design Considerations for Children with Autism	Book Chapter in Empowering Children with Disabilities (ISBN 978-93-5266-321-7)	UNICEF and Mahatma Gandhi Labor Institute, Ahmedabad	Rachna Khare
10	Book Chapter	The Glocalization of Social Inclusion: Lessons from India	Book Chapter in Design for a New Age: The Social Art of Architecture, Edited by Benjamin Clavan, Foreword by Ray Lifchez	Berkeley Prize, endorsed by UC Berkeley, USA	Rachna Khare and Ajay Khare
11	Book Chapter	Using Evidence based Research Method to Design Inclusive Learning Environment for Autism	July, 2010 ( Book Chapter in Advances in Understanding Human Performance: Neuroergonomics, Human Factors Design, and Special Populations (ISBN 9781439835012)	CRC Press of Taylor & Francis, Ltd. London, UK	Rachna Khare, Abir Mullick and Ajay Khare
12	Published Report	Ghat Ki Guni; A Re-vitalisation Project	1995 ( Published Report)	Department of Tourism, Government of Rajasthan, India	Ajay Khare and Rachna Khare

### B. Papers in Journals/Online publications

S.No.	Author(s)	Year	Title	Complete Reference of the Journal
1	Rachna Khare, Sandeep Sankat	2017	Universal Design Innovation Centre for Heritage	Published in 'Design for All', April 2017, Vol.12, No.4,published by Design for All Institute in India
2	Rachna Khare, Sandeep Sankat, Sushil Kumar Solanki	2017	Universal Design Education in Architecture: An Experiential and Simulation Exercise	Published in 'Design for All', April 2017, Vol.12, No.4,published by Design for All Institute in India
3	Rachna Khare, Sushil Kumar Solanki	2017	Understanding Measurement of Universal Design Building Standard: An Indian Case Study	Published in 'Design for All', April 2017, Vol.12, No.4,published by Design for All Institute in India
4	Rachna Khare, Sandeep Sankat	2017	Exploration of Issues for Indian Elderly through User Centric Design Studio	Published in 'Design for All', April 2017, Vol.12, No.4,published by Design for All Institute in India
5	Rachna Khare and Sandeep Arora	2016	Morphological Patterns of Dwelling Units in Informal Settlements of Bhopal.	Journal of Civil Engineering and Environmental Technology, Published by JNU, Vol.3, Issue9, October-December 2016, ISSN 2349-8404,
6	Rachna Khare	2016	Social Equity and Inclusion by Educational Space Design	Yojna, Published by Ministry of Information and Broadcasting, Govt. of India, May 2016, Volume 60, ISSN-0971-8400
7	Rachna Khare and Piyush Hajela	2016	User Friendly Public Spaces; An Urban Design studio to study People and Activities in the City of Bhopal	Refereed Journal of Indian Institute of Architects, January 2016, Volume 81, Issue 01, ISSN-0019-4913
9	Rachna Khare and Abir Mullick	2015	Universal design India Principle; From Global to Local	Refereed Journal of Indian Institute of Architects, March 2015, Volume 80, Issue 03, ISSN-0019-4913
10	Rachna Khare and Sandeep Sankat	2015	Creating Inclusive Environments for Elderly	Refereed Journal of Indian Institute of Architects, March 2015, Volume 80, Issue 03
11	Rachna Khare and Ajay Khare	2012	Teaching Universal Design through Student Design Competition	'Social Sustenance, SPANDREL- Journal of SPA: New Dimensions in Research of Environments for Living. School of Planning and Architecture, Bhopal, India. Issue IV

12	Rachna Khare	2010	Universal Design Solutions for Pupils with Cognitive Disabilities in	Published in Trellis, Issue 5 - March' 2010, published by National Institute of Design, Ahmedabad, India
13	Rachna Khare and Abir Mullick	2009	Incorporating Dimension of Behavior in Inclusive Learning Environment Design for autism	Published in International Journal for Architectural Research (IJAR), Vol.3 Issue 3, November 2009, published by Archnet- Massachusetts Institute of Technology, USA
14	Rachna Khare	2009	Educational Space Design; from Segregation to Inclusion	Published in Journal of Indian Institute of Architects (JIJA), July 2009, India
15	Rachna Khare and Abir Mullick	2008	A Research Study: 'Designing Educational Spaces for Children with Autism'	Published in 'Design for All', March 2008, Vol.3, No.3, published by Design for All Institute in India
16	Rachna Khare	2007	Central Institute of Psychiatry, India; a Mental Care Institute of National Importance	Published in ABACUS, Vol.2, No. 2, July 2007, An International Refereed Journal published by Birla Institute of Technology
17	Rachna Khare	2005	Atala Masjid, Jaunpur- an example of Conquest Mosque in Eastern India	Published in International Journal, Journal of Bengal Art, Vols. 9 & 10, 2004 & 2005, published by International Centre for Studies of Bengal Art, Dhaka
18	Published as Project Architect	1998	Chaumoo Haveli, An Adaptive re-use project	Published in Sup-Oct. 98 issue of Architecture + Design, Vol. XV No. 5 published by Media Transasia, India

### C. Refereed Articles in Conference Proceedings

S.No.	Author(s)	Year	Title	Name and Place of Conference/ Organizer/ Publisher
1	Rachna Khare, Sandeep Arora and Shweta Saxena	Feb, 2018	Understanding Morphology of Informal Dwellings: An Indirect Approach Towards Appropriate Mass Housing	In Environmental Remediation & Rejuvenation, Dept.of Architecture and Ekistics, Jamia Milia Islamia, Published by Wellworth Books, New Delhi, ISBN: 9788192031514
2	Rachna Khare, Ajay khare and Shweta Vardiya	August, 2016	Universal access in heritage sites; A case study of Jaipur	UD York, at York University, UK, published in Studies in Health technology and Informatics, Vol. 229, Universal Design 2016; Learning from the past and designing for the Future, DOI 10.3233/978-1-61499-684-2-419
3	Rachna Khare, Poonam Khan and Shweta Vardiya	July, 2016,	Bringing universal usability to all users; A case study on public realm locations of tourist Interest in Bhopal	Applied Human Factors and Ergonomics International Conference, Orlando, Florida, Published in Advances in Physical Ergonomics and Human factors, ISBN 978-3-319-42694-6, Springer International Publishing
4	Rachna Khare and Abir Mullick	May, 2015	Inclusive Educational Spaces for Children with Autism; Development of Ethically Appropriate Research Tools	EDRA Annual Conference, LA California, USA, Published by Environmental Design Research Association, ISBN 978-1-32909-136-8.
5	Ajay Khare, Rachna Khare and Sushil Kumar Solanki	November, 2014	Glocalizing Universal Design Education for Cultural Interface in India	Proceedings of 5th International Universal Design Conference, Organized by International Association of Universal Design in Tokyo
6	Rachna Khare and Ajay Khare	June 2014	Universal Design for Mass Pilgrimage 'Kumbh' at Ujjain, India - Berkeley Prize Teaching Fellowship	UD 2014-International Conference on Universal Design, Ingvar Kamprad Design Center, University of Lund, Sweden, Published by IOS Press, ISBN 978-1- 61499-402-2
7	Rachna Khare and Ajay Khare	June 2014	Universal Design Education in India; Design Challenge as Design Pedagogy	UD 2014-International Conference on Universal Design, Ingvar Kamprad Design Center, University of Lund, Sweden, Published by IOS Press, ISBN 978-1-61499-402-2

8	Rachna Khare and Sandeep Sankat	June 2014	Creating Enabling Environments for Indian Elderly; Methodology for Identification of Environmental Challenges	UD 2014-International Conference on Universal Design, Ingvar Kamprad Design Center, University of Lund, Sweden, Published by IOS Press, ISBN 978-1- 61499-402-2
9	Rachna Khare and Abir Mullick	June 2014	Research Tools to Study Vulnerable Populations: A Case of Autism	UD 2014-International Conference on Universal Design, Ingvar Kamprad Design Center, University of Lund, Sweden, Published by IOS Press, ISBN 978-1- 61499-402-2
10	Rachna Khare, Ajay Khare and Sandeep Arora	May 28-31, 2014	Shelters for Mass Pilgrimage 'Kumbh' at Ujjain, India	EDRA45New Orleans, Louisiana, USA, Building with Change, Environment Design Research Association, ISBN 978-1-31209- 078-1
11	Rachna Khare and Sandeep Arora	May 28-31, 2014	Morphology of Informal Settlements	EDRA45New Orleans Louisiana, USA, Building with Change, Environment Design Research Association, ISBN 978-1-31209- 078-1
12	Rachna Khare and Ajay Khare	September 2013	Design Competition as a Pedagogical Tool to Teach Concepts of Universal Design in India	International Annual Meeting of the Human Factors and Ergonomics Society, San Diego, California, USA, published by Sage Publications ISBN 978-0- 945289-43-2
13	Rachna Khare, Abir Mullick and Ajay Khare	September 2013	Research Tools to Learn about the Needs of Children with Autism	International Annual Meeting of the Human Factors and Ergonomics Society, San Diego, California, USA, published by Sage Publications ISBN 978-0-945289- 43-2
14	Rachna Khare and Abir Mullick	October, 2012	Universal Design India Principles; A Contextual Derivative for Practice.	56th Annual Meeting of the Human Factors and Ergonomics Society, Boston, MA, USA, published by Sage Publications ISBN 978-0-945289-41-8
15	Rachna Khare and Abir Mullick	October 2012	An Inclusive Approach to Design Learning Environment for Autism	Universal Design 2012 by International Association of Universal Design, Fukuoka, Japan
16	Rachna Khare and Ajay Khare	October 2012	Universal Design Education in India through Design Competition (Best Paper Award)	Universal Design 2012 by International Association of Universal Design, Fukuoka, Japan
17	Rachna Khare, Abir Mullick, and Gaurav Raheja.	September, 2012	Universal Design India Principles; A Collaborative Process of Developing Design Principles	TRANSED 2012, 13 <sup>th</sup> International Conference on 'Mobility and Transport for Elderly and Disabled Persons', New Delhi, India
18	Rachna Khare and Abir Mullick	September, 2012	A User-Centric Approach to Design Inclusive and Prosthetic Learning Environment for Autism	TRANSED 2012, 13 <sup>th</sup> International Conference on 'Mobility and Transport for Elderly and Disabled Persons', New Delhi, India
19	Rachna Khare and Abir Mullick..	June 2012	A Research Methodology to Explore Environment as Prosthetic Support for Children with Autism	RESNA Annual Conference, Baltimore, MD, published by Rehabilitation Engineering and Assistive Technology Society of North America, Arlington, VA, USA
20	Rachna Khare and Abir Mullick	February, 2010	Universally Beneficial Educational Space Design for Children with Autism; the Research Progression	International conference on 'Designing for Children' with focus on 'Play + Learn', hosted by the Industrial Design Centre (IDC), at the Indian Institute of Technology (IIT) Bombay, India

21	Rachna Khare , Abir Mullick, Sarah A. Endicott and Marisa	November, 2009	Designing Inclusive Educational Spaces with Reference to Autism	Human Factors and Ergonomics Society Annual Meeting, St. Antonio, Texas, USA, published by Sage Publications ISBN 978-0-945289-36-4
22	Rachna Khare and Abir Mullick	May, 2009	Designing Inclusive Educational Spaces for Children with	International Meeting for Autism Research (IMFAR) Chicago, USA
23	Rachna Khare	May, 2008	Educational Spaces for Children with Autism; Design Development Process	'CIB W 084 'Building comfortable and liveable environment for all' Meeting, International Council for building Research and Innovation, Italy, held at Georgia Tech, Atlanta, Georgia, USA
24	Rachna Khare	June, 2006	Disaster Management in India from the lens of Disability	Ethics 2006- Design Ethics and Humanism, organized by European association of Universities
25	Rachna Khare	March, 2006	Guidelines for Improvement & promotion of access'	All India Seminar in Architectural Engineering organized by The Institution of Engineers, India
26	Rachna Khare	Feb, 2006	Role of Barrier Free Environment in Disaster Management	'NPCBEERM' organized by the Department of Architecture BIT, Mesra, Ranchi, India
27	Rachna Khare	January, 2006	Architectural Design Requirements for Better Accessibility	Modern Buildings and Sustainable building Practices in Jharkhand organized by Building Construction Department, Govt. of Jharkhand
28	Rachna Khare	December, 2005	Defining the Architectural Requirements for Disabilities	Architectural Design Pedagogy organized by the Department of Architecture, BIT Mesra, Ranchi
29	Rachna Khare	January, 2001	Fly-ash as Environmental Friendly Building Material	National Seminar on Challenges for the development of Urban Areas of Newly formed states of India, organized by the Department of Architecture, BIT Mesra, Ranchi, India

#### D. Papers Presented, Invited Sessions in Conferences and Invited Lectures

S.No.	Author(s)	Year	Title	Name and Place of Conference
1	Sushil Solanki and Rachna Khare	28 <sup>th</sup> March	Performance Measurement of Accessible Built Environment; A Scientific	National Seminar on Emerging Trends on ArchiTech Development, Amity University, MP, Received Best Published Paper Award.
2	Rachna Khare	10 <sup>th</sup> February 2018	Designing Inclusive Educational Spaces for Children with Developmental Disabilities	Seminar on Inclusive India and Self Advocacy at Bhopal organized by National Trust, New Delhi Govt. of India.
3	Rachna Khare	5 <sup>th</sup> Sept., 2017	Universal Design; from Global to Local Context	Invited Expert Lecture at Malviya National Institute of Technology, Jaipur.
4	Rachna Khare	17 <sup>th</sup> June, 2017	International Indicators of Research Quality	Research in Architecture, Faculty Development Program, Faculty of Architecture (GCA-Lko), Abdul Kalam Technical University, Lucknow,
5	Rachna Khare	12 <sup>th</sup> June, 2017	Documentation by Writing: Objectives and Need in Architecture Profession	One week COA- TTP "Documentation and Technical Writing in Architecture" at School of Architecture, Babu Banarasi Das
6	Rachna Khare	12 <sup>th</sup> June, 2017	Documentation through Environment Behaviour Mapping Tools	One week COA- TTP "Documentation and Technical Writing in Architecture" at School of Architecture, Babu Banarasi Das.
7	Rachna Khare	3 <sup>rd</sup> April, 2017	Supported and independent living for Adults with Autism	National conference on Autism, Vigyan Bhavan, Delhi, Organized by National Trust, Ministry of Social Justice and Empowerment, GoI.
8	Rachna Khare	3 <sup>rd</sup> -4 <sup>th</sup> March, 2017	Universal Access in Heritage Sites; Examples of Explorations	Universal Accessibility in Heritage Monuments and Sites, Organized by UD Center- BNCA Pune and Archeological Survey of India.

9	Rachna Khare and Ajay Khare	10 <sup>th</sup> January, 2017	Universal Design Innovation at SPA Bhopal	Invited Lecture at Dehradun Institute of Technology, Dehradun.
10	Rachna Khare	30th November 2016	Universal Design Pedagogy	Integration of Allied Subjects in Architectural Education, One week QIP under NIASA, Council of Architecture, Organized by Bharti Vidyapeeth
11	Rachna Khare	25-28th March 2016	Universal Access; Case study of the City Palace Udaipur	'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.
12	Rachna Khare, Sandeep Sankat and Shweta Vardia	26 March 2016	Access Audit Workshop at Jaigarh Fort, Jaipur	
13	Rachna Khare, Sandeep Sankat and Shweta Vardia	27 March 2016	Universal Design Audit Workshop at Kanota Museum, Jaipur	
14	Rachna Khare	20th-24th March 2016	Universal Usability at City Palace Complex of Udaipur	World Living Heritage Festival, at Udaipur, Rajasthan organized by Maharana Mewar charitable Foundation, UNESCO and ICOMOS India.
15	Rachna Khare and Shweta Vardiya	20 <sup>th</sup> March 2016	Access Audit of Heritage Walk at Udaipur; Hands- on Activity	
16	Rachna Khare	3 <sup>rd</sup> December 2015	Universal Access in Banks and Related Environments	International Day for Persons with disabilities "Inclusion matters: access and empowerment for people of all abilities" organized by Composite Regional Center for Persons with Disabilities, Bhopal.
17	Rachna Khare	30th-31st November 2015	Universal Design, A way to Social Sustenance	Innovating for Development and Sustainability, hosted by: Navrachna University, Baroda and Co-convened by Gujarat Council on Science and Technology, Department of Science and Technology, Government of Gujarat.
18	Rachna Khare	12th-13th October	Social Inclusion through Universal Design	Workshop cum Lecture Session Social Equity through Universal Design, organized by CHCR, SPA Bhopal at IIT Kharagpur
19	Rachna Khare	13th & 14th February 2015	Universal Design for Cultural Interface in the Sacred Site of Ujjain at "INCLUSIVE RESEARCH: Catalyst for social change" Exploring meanings, methods and applications	A State level Seminar organized by BNCA, at Pune.
20	Rachna Khare	9-10 September 2014	Keynote address ICT-enabled Participation of Persons with Disabilities in Arts and Cultural Life	Organized by Ministry of Communications and Information Technology, Government of India, UNESCO and The Open Knowledge Community on ICTs for Persons with Disabilities: Taking Stock and Identifying Opportunities at New Delhi
21	Rachna Khare	September 2014	Enhancing Livability through Universal Usability; A Case of Historic City of Udaipur, Manan Lecture Series	Organized by IIA-M.P. Chapter in at Bhopal

22	Rachna Khare	June 2014	Mass Pilgrimage Kumbh at Ujjain, India,	For broadcasting in the ‘Swedish Knowledge Channel-Travel and Recreation’, at University of Lund, Sweden
23	Rachna Khare and Shikha Jain	March 2014	Enhancing Livability through Universal Usability in Udaipur City	World Living Heritage Festival, at Udaipur, Rajasthan organized by Maharana Mewar charitable Foundation, UNESCO and ICOMOS India
24	Rachna Khare	February 2014	Inclusive Education	Towards an Inclusive City, Dreams & Reality CONSTRO 2014 at Pune, Maharashtra, organized by Pune Construction Engineering Research Foundation (PCERF)
25	Rachna Khare and Kavita Murugkar	January 2014	Developing Creative Thinking and Architecture Education	Innovation in Higher Education, Global Education Summit, Vibrant Gujarat at Gandhinagar, Gujarat, organized by Navrachna University and Knowledge Consortium of Gujarat, Government of Gujarat from.
26	Rachna Khare and Sandeep Sankat	December 2013,	Development of Design Guidelines to Create Inclusive Enabling Environments for Indian Elderly	International Conference on Universal Design and Assistive Technology-UniDAT 2013, organized by Indian Spinal Injuries Center, New Delhi
27	Rachna Khare and Abir Mullick	May 2013	User Centric Evidence Based Design Guidelines for Inclusive Schools for Children with Autism	EDRA44 Providence ‘Healthy and Healing Places’ organized by Environmental Design Research Association, May 29 - June 1, 2013 at Providence, Rhode Island, USA
28	Sandeep Sankat and Rachna Khare	June 2012	Rethinking Architectural Design in Terms of Universal Design – With a Focus on the Situations of Indian Elderly	Universal Design 2012-Public Space: Inspire, Challenge, and Empower, Oslo, Norway
29	Sandeep Sankat and Rachna Khare .	June 2012	Seamless Accessibility at the Religious/ Pilgrimage Destinations of India	Universal Design 2012- Public Space: Inspire, Challenge, and Empower, Oslo, Norway
30	Rachna Khare and Abir Mullick	May 2012	User Centric Evidence based Inclusive School Design Guidelines for Children with Autism	International Meeting for Autism Research (IMFAR-2012) by International Society for Autism Research, Toronto, Canada
31	Rachna Khare	July, 2011	Designing for People with Cognitive Limitations	Pune Construction and Engineering Research Foundation (PCERF), Pune, India
32	Rachna khare and Ajay Khare	February, 2011	Universal Design Approach; a way to Social Sustainance	Fifth International Conference on Design Principles and Practices held at Sapienza University of Rome, Rome, Italy
33	Rachna Khare	January 2011	Bhopal-2011, The Bhopal Memorial Workshop & Symposium	SPA Delhi, mAAN (modern Asian Architecture Network), and The International Committee for the Conservation of Industrial Heritage (India)
34	Rachna khare	November, 2010	Cultural Catalysts to Inclusive/Socially Sustainable Design	‘Universal Design Symposium’ at ‘Build Boston’ organized by Institute of Human Centered Design, Boston, USA
35	Rachna Khare	November, 2010	School Design for Children & Youth with Autism Spectrum Disorders	‘Universal Design Symposium’ at ‘Build Boston’ organized by Institute of Human Centered Design, Boston, USA

36	Rachna Khare and Abir Mullick	January, 2009	Designing Educational Spaces for Autism'	Atlanta Autism Consortium, Georgia, USA
37	Rachna Khare	April, 2008	Autism and School Design	Department of Education, University of West Georgia, USA
38	Rachna Khare	February, 2008	Designing Spaces for Autism	Innovation Meeting at Centre for Assistive Technology and Environmental Access, Georgia-Tech, USA
39	Rachna Khare	December, 2007	Autism and Design	Autism Research Group Meeting at Graphics, Visualization and Usability Center, (GVU), Georgia-Tech, USA
40	Valerie Fletcher and Rachna Khare	November, 2007	News from the Universal Design Movement Worldwide	Universal Design Symposium organized by Adaptive Environment at Boston, USA
41	Rachna Khare	January, 2007	Role of Technology for the Disabled	Inclusion and Disability Workshop organized by Deepshika Institute of Child Development and Mental Health, Ranchi, India
42	Rachna Khare	December, 2006	Museums for all	Conservation Workshop organized by Marana Mewar Charitable Foundation in association with India Office UNESCO and National Museum, New Delhi held at Udaipur, India
43	Rachna Khare	September, 2006	Redefining the architectural design process for Accessibility	Disability Workshop organized by State Coordinator of Disability India Network, NCPEDP, New Delhi at DICDMH, Ranchi
44	Rachna Khare	April, 2006	Visually cued Instruction for Autistic Spectrum Disorder	Autism Workshop organized by State Nodal Agency Center (SNAC) of National Trust held at Ranchi, India
45	Rachna Khare	September, 2004	A brief Introduction to disabilities and defining Architectural Design Requirements	National Workshop on Architecture for the Challenged – Moving towards integration, normalization and Barrier free Environment, organized by the Department of Architecture, BIT Mesra, Ranchi in collaboration with National Institute for Orthopaedically Handicapped, Kolkata, India
	Rachna Khare	March, 2004	Environmental Degradation and historic Buildings	Heritage Management: Emerging Trends and Need of Indigenous Approaches, held at BIT Mesra sponsored by Council of Architecture, N. Delhi
	Rachna Khare	Feb, 2004	Intervention strategies for the management of ASD	Autism Awareness Workshop organized by State Nodal Agency Centre (SNAC) of National Trust held at Ranchi, India

## 8. Membership of Professional Societies/Institutions/ Academic Boards.

Name of the Professional Institute /Society/ Boards	Type of Membership
1. PA&MC, TIDE Program, SEED Division, Department of Science and Technology, Ministry of Science and Technology, Govt. of India	Member
2. Institute of Human Centered Design (IHCD), USA	Member
3. Environmental Design Research Association (EDRA), USA	Member
4. Indian Society of Technical Education (ISTE), India	Life Member
5. DRONAH (Development and Research Organization for Nature, Arts and Heritage) Foundation	Board Member
6. Indian Institute of Architects (IIA), India	Member
8. Council of Architecture (COA), India	Registered Architect, Expert Member
10. Board of Studies, SPA, Delhi	Member

11. Board of Governors SPA-Bhopal	Member
12. Academic Council SPA-Bhopal	Member
13. Board of Studies, B.Arch. M.Arch. (Conservation), M.Arch. (Landscape), MURP, Masters of Environmental Planning at SPA-	Member
14. Academic Council, ITM School of Architecture Art and Design, Vadodara	Member
15. Expert Committee, DPR, National Institute of Universal Design, Ministry of Social Justice and Empowerment, GOI	Expert Member
16. MKSS BNCA'S Universal Design Research and Training Center, Pune	Advisory Member
17. Empanelled Access Auditor, Ministry of Social Justice and Empowerment (MSJE), GoI	Member

## 9. Research Projects

S.No	Title	Sponsoring Agency	Period
1	Universal Design Innovation for Heritage	National Design Innovation Network, Ministry of Human Resource Development, GoI	2015-2018, Contd.
2	Universal access at City Palace Complex, A Research and Design Development Project	Maharana Mewar Charitable Foundation	2014, Contd.
3	Worked on Research Project Universal Design India Principles with Leading Academic Institution and NGO's in India	by National Institute of Design, Ahmedabad, India	December 2010-June 2011 (UDIP Copyrighted in 2012)
4	Worked in team with mentor at Georgia-Tech, Atlanta, in a Research Project 'Inclusive Indoor Play'	National Institute of Disability Research, U.S. Department of Education, USA	2007-08
5	Universal Design Research conducted at BIT MESRA and handed over before joining SPA	University Grant Commission-SAP	2007
6	'Prototype Architectural Design and Design Guidelines of Special Schools for Autistic Pupils' for BIT Mesra	All India Council for Technical Education	2003-05

## 10. Courses Developed:

- Complete revision of B.Arch. syllabus based on International Practice of Outcome Based Education (As HoD) at SPA-Bhopal
- Board of studies member of B.Arch. syllabus revision at SPA-Delhi
- Board of studies member of M.Arch. (Urban Design, Conservation and Landscape) Programme at SPA-Bhopal
- "Research Methods" course for Doctoral Programme at SPA-Bhopal
- "Enabling Environments" PG level Course at SPA-Bhopal
- "Post Graduate Programme in Universal Design" at National Institute of Design, together with University of Applied Sciences Hannover and Berlin, Germany
- M.Tech., Environmental Science and Engineering, BIT, MESRA
- "Barrier free Environment" for "Edusat" at BIT, MESRA.
- "Barrier free Environment" for "B.Arch" at BIT MESRA.

11. **Courses Taught:** PhD (Research Methods), M.Arch., M.Tech. (Env. Science), B. Arch., B. Plan.

12. **No. of dissertation supervised–B.Arch. Thesis + PG Thesis – 38, PhD-10 (topics below)**

- “Residence Design Guidelines for Indian Elderly”
- “Evolution of Public Spaces in Indian Market places: An Evaluation through Urban Design Approach.”
- "Morphological Patterns of Dwelling Units in Informal Settlements"
- “Design – Build Studio: A Pedagogical Approach to Enhance Learning Architectural Design.”
- "Planned Evolution of Vernacular Architecture for Housing: Investigating Laurie Bakers Approach."
- “Project enhancement framework techniques.”
- “Guidelines for Evacuation of Elderly during Disasters.”

13. **Conferences, Seminars and Workshops organized:**

**International**

- 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
- ‘Social Equity through Universal Design’ Workshop organized at IIT Kharagpur, from 12th - 13th October, 2015
- ‘Buddha Hoga Tera Baap’-Design for Elderly, ‘International Open Elective’, organized at National Institute of Design, Paldi, Ahmedabad, from 21<sup>st</sup> January-1<sup>st</sup> February, 2013.
- Coordinator of the ‘International Conference on Art and Architecture of Eastern India and Bangladesh’ organized as the ‘Sixth International Congress on Bengal Art’ in collaboration with International Center for Studies of Bengal Arts at Dhaka and Jharkhand State Government, held at BIT Mesra, Ranchi from 8<sup>th</sup> –11<sup>th</sup> February, 2005.

**National**

- 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
- Three workshops on Universal Design at Heritage Sites at City Palace Jaipur and Udaipur in March 2016.
- Two days hands-on Workshop on Universal Design at IIT, Kharagpur in October 2015.
- ‘Learning by Making’, an experiential Integral Studio with ‘collaborative learning’ and ‘interdisciplinary association’ organized at SPA Bhopal from 14th to 18th May 2015.
- 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 March 2014.
- 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 SPA-Bhopal 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.

- Convener of ‘Awareness Building Workshop for School Teachers Regarding Latest Issues of Concern’, 21<sup>st</sup>-22<sup>nd</sup> September, 2007, Organized with Technical Education-Quality Improvement Program (TEQIP).
- Coordinator of ‘Vocational Activities for the Disabled’, 3<sup>rd</sup> October 2007, Organized in collaboration with MITRA and DICDMH, Ranchi
- Coordinator of ‘National Workshop on Architecture for the Challenged: Approaching towards Normalization, Integration and Barrier-free Environment’, held at BIT MESRA on 22<sup>nd</sup> - 23<sup>rd</sup> September 2004, Organised in collaboration with NIOH, Kolkata.

#### 14. Conferences, Seminars, Workshops and Short-term courses attended – 50

#### 15. Consultancy Projects

- District Early Intervention Center at Bhopal for National Health Mission, Ministry of Health, India.
- Accessibility Consultant for City Palace Complex, Udaipur, Rajasthan, for DRONAH New Delhi
- Taty Topo Inclusive Park, Kanpur Development Authority and Z-axis
- Inclusive Toilets for Rajya Shikha Kendra, MP Govt.
- 26<sup>th</sup> January Tableu-MSJE, GoI
- Low-cost disabled friendly toilets in Anganwadi centers in association with Arushi and UNICEF
- Kislaya Vidya Mandir” BIT, MESRA, Ranchi for BIT, MESRA.
- ‘Man power cum Vocational training Center”, Namkum, Ranchi, for “DICDMH”.
- “Interior Design of Airport”, Ranchi for Airport Authority of India.
- Professional Experience of Eight Years: Projects handled and supervised as main architect include residences, offices, shopping complexes, schools, religious buildings as well as some conservation projects. Some of them are mentioned below:
  - Project Architect for the second stage of Ghat ki Guni Re-vitalization project for tourism development in Jaipur. The project of Rs. 20 crore had been approved by the Govt. of Rajasthan.
  - Project Architect for ISKCON (International Society for Krishna consciousness) temple complex in Jaipur called Prabhupada Dham. The temple complex worth Rs. 10 crore comprised of main temple, Ashram, Atithi griha, Gaushala, Prasadam hall, Satsang halls, library, etc.
  - Adaptive Re-use of a three hundred year old haveli called Chaumu Haveli, now categorized as Heritage Grand category Hotel. A very popular place had shot into fame after its portrayal into films and the project is published in Architecture + Design of Sep. 98 issue.
  - A Motel cum Restaurant called Chitvan, near Ajmer on NH- 8.
  - Architects and restoration consultants for heritage properties called Bijay Niwas Palace near Bijay Nagar in Ajmer and Kothi Sukh Dham in Kota.
  - Conservation and Development proposal for twelve popular temples of Rajasthan for Avas Vikas Sansthan. These temples managed by Devasthan Deptt. Raj. Govt., include Jagdish Temple Udaipur, Raj Ranchhodji Temple Jodhpur, Sri Ram Temple Jaipur and Raj Raten Bihari Temple Bikaner.
  - Consultant Architect for Royal family of Jaisalmer and taken up the jobs of a Heritage Hotel at Jaisalmer Fort, a small colony for 60 plots and interior works of remodeling their palace buildings.
  - Consultant Architect for Hotel Himmatgarh, Hotel Uma Resort, Heritage Inn, Jaisalmer for their remodeling and interiors.
  - Consultant Architect for distt. Sports Council for designing Distt. Sports complex at Jaisalmer approved by Union Govt. of India and Rajasthan Sports Council.

#### 16. Countries Visited

	Country	Year/Period
1.	• China, Hon Kong and Macao (Representative United Nations)	• 2014
2.	• Denmark	• 2014
3.	• Sweden	• 2014
4.	• Japan	• 2012

5.	• United States of America	• 2007-2008 (One year ) and 2010
6.	• Switzerland	• 2007
7.	• Germany	• 2007
8.	• France	• 1995 and 2007
9.	• United Kingdom	• 1994 –1995 (One year), 2017

### 17. Other responsibilities held:

- Head, Department of Architecture at SPA Bhopal, July 2014-December 2016.
- Founder and Coordinator, Center for Human Centric Research at SPAB, from 2010-2016.
- Expert Member and Reviewer, Sponsored Research Projects for TIASN-SEED Division, Department of Science and Technology, Government of India.
- Member Secretary, DRONAH (Development and Research Organization for Nature, Arts and Heritage) Foundation, Delhi.
- Member, Board of Studies, SPA Delhi (from 2015 till date).
- Member, Drafting Team of ‘Design Manifesto-for a Design Enabled Technical Education’ released on 13th January 2014 by Ministry of Human Resource Development
- Member Academic Council, SPA Bhopal (Till date)
- Member BoS (All UG and PG Programmes, SPA Bhopal)
- Managing Trustee, ‘Movement for Intervention, Training and Rehabilitation for Autistics’ (MITRA), a trust registered under Society Registration Act (till date).
- Screening Committee of Jamsetji Tata Universal Design Research Chair, National Institute of Design, Ahmedabad
- Convener, Working Committee, Kislaya Vidya mandir, A school for underprivileged and dispossessed children in BIT MESRA Campus, supported by ASHA from October 2001 to October 2009
- PhD Evaluation at VNIT Jamia Milia Islamia University, New Delhi, VNIT Nagpur, Nagpur University, SPA Vijaywada.
- Associate Dean Doctoral Programme, School of Planning and Architecture, Bhopal
- Associate Dean Faculty Development, School of Planning and Architecture, Bhopal
- Professor In charge, SPA-Press, School of Planning and Architecture, Bhopal
- Professor In charge, Library, School of Planning and Architecture, Bhopal
- Professor In charge, Institute Website, School of Planning and Architecture, Bhopal
- Professor In charge, Communication and Media Cell, School of Planning and Architecture, Bhopal
- Professor In charge, Knowledge Exchange Series, School of Planning and Architecture, Bhopal
- In-charge Director (thrice) during the Director’s absence at School of Planning and Architecture, Bhopal.
- In-charge of the Department of Architecture during HOD’s absence at School of Planning and Architecture, Bhopal
- Expert member in screening and faculty interviews at SPA-Bhopal
- Editor, News Letter ‘Communiqué’ of Department of Architecture, BIT Mesra, from 2000-2007.

### 19 Other Relevant Information

- Trained in ‘Human Research Curriculum’ as Social / Behavioral Research Investigator and Key Personnel (2007) by CITI- Collaborative Institutional Training Initiative, University of Miami, USA
- Runs a blog for universal design, <http://www.universaldesigninindia.blogspot.com>
- Past Fulbright Campus Representatives, BIT Mesra