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## **Mansee Bal Bhargava, PhD**

Entrepreneur | Researcher | Educator

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Email: mansee.bal.bhargava@gmail.com



### **Education**

- Feb'2015 PhD in Public Administration from Department of Public Administration, Faculty of Social Science, Erasmus University, Rotterdam,
- Sep'2008 \*MSc. in Urban Management and Development from Institute of Housing and Urban Development Studies, IHS, Rotterdam, NL
- July 2006 MPhil. in Planning, Growth & Regeneration from Department of Land Economy, University of Cambridge, Cambridge, UK.
- Feb'1999 \*PG Dip. in Urban Design from Centre for Environmental Planning and Technology (now CEPT University), Ahmedabad, IN
- June1995 \*B. in Architecture from Maulana Azad College of Technology, (now MANIT), Barkatullah University, Bhopal, IN \* Distinction
- \*\* Special Courses Attended. Details in later Section.

### **Academic and Professional Involvements**

- Jan'15- - Independent Research, Guest Speaking and Special Courses Coordinating
- June'95- - Research Entrepreneur. Environmental Design Consultants (EDC), Ahmedabad
- Mar'15- - Affiliated Faculty. The Ostrows Workshop, Indiana University, Bloomington, USA and Institute for Housing and Urban Development Studies, Erasmus University Rotterdam
- Jan'03- - Founder Volunteer, Eco Development and Research Cell, Ahmedabad (not for profit since 2003);
- July'18- - Visiting Prof. Indian Institute of Technology Bhilai, Raipur
- Member, Board of the SDG Center at Presidency University Bengaluru
- Jan'18-June'19 - Visiting Prof. SAL School of Architecture, Gujarat Technical University, Ahmedabad
- July'15-Dec'18 - In different capacities (Full-Time Prof., Adjunct Prof., Visiting Prof.) at Institute of Architecture and Planning, Nirma University, Ahmedabad
- Mar-Apr'2018 - Expert Evaluator for the Central Evaluation of Research and Innovation projects of H2020(2018) at the European Research Executive Agency
- Sep'16-June'17 - Fulbright Prof. at Centre for Behaviour, Institutions and Environment, School of Sustainability, Arizona State University ASU, Tempe, USA (2016-17)
- Jan'16-June'16 - Visiting Prof. School of Architecture, Anant National University, Ahmedabad
- July'15-Dec'15 - Adjunct Prof. Indubhai Parekh School of Architecture, Saurashtra University, Rajkot
- Aug'14-Mar'15 - Research Fellow at the Research Institute for Humanity and Nature, Kyoto.
- Sep'09-Feb'15 - PhD Scholar at Department of Public Administration, Erasmus University Rotterdam
- Sep'09-Dec'13 - Associate Faculty at Institute for Housing and Urban Development Studies, Erasmus University Rotterdam (HIS-EUR)
- Sep'11-Dec'11 - Long Term Visiting Scholar at The Vincent and Elinor Ostrom Workshop in Political Theory and Policy Analysis, Indiana University, Bloomington.
- July'07-Oct'07 - Business Intelligence and Development at Mayfair Housing Pvt. Ltd., Mumbai.
- Mar'1999- - Research Associate and Visiting Faculty at School of Planning and Architecture, Centre for Environmental Planning and Technology, (now CEPT University), Ahmedabad.
- July'05 - Urban Design Consultant at Modi Associates, Ahmedabad.
- Apr'01- Oct'01 - Senior Architect at M/S Urban Development Group, Ahmedabad.
- Aug'96-Jun'97 - Assistant Architect at M/S Stein, Doshi and Bhalla, Ahmedabad.
- Jun'95-Aug'96 - Assistant Architect at M/S Stein, Doshi and Bhalla, Ahmedabad.

### **Awards and Nominations**

- Sep'16- June'17 - Fulbright-Nehru Fellowship for Professional & Academic Excellence, Phoenix, USA
- June16-Feb'17 - Grant for IDE-JETRO Interactive Water Governance Initiative, Chiba JP
- Aug'14-Mar'15 - Research Fellowship from Research Institute for Humanity and Nature, Kyoto, JP
- 2014 - Nominated by IHS-EUR for The Ramsar Convention Award for Wetland Innovation
- Sep'09-Aug'13 - Research Fellowship from HIS-EUR for pursuing PhD.
- Aug-Dec'2011 - Visiting Scholar Fellowship from The Ostrows Workshop, IU Bloomington, USA
- Oct'07-Sep'08 - Netherlands Fellowship Programme for MSc.

- July-Aug'2008 - Visiting Scholar Fellowship from ArgDesign, Cape Town, SA.
- Sep'05-July'06 - Cambridge Commonwealth Trust Scholarship for MPhil.
- July'97-Feb'99 - Graduate Aptitude Test for Engineering Scholarship for PG Dip.
- 1990 - National Scholarship Scheme, NSS

#### Areas of Interest

- LIFE. Research Methods; Built Environment Design-Planning-Management-Governance; Lakes; Water; Land; Public Spaces; Housing; Sustainability; Politics; Society; YOG.

### RESEARCH

#### Book

- Bal, M. 2015. Social-ecological System Framework: Understanding urban lake governance and sustainability in India. PhD Dissertation at Erasmus University Rotterdam (ISBN: 978-90-7011-65). <https://repub.eur.nl/pub/77643/>
- Forthcoming. Bhargava, M.B. 2019. Applications of a Social-ecological system Framework- Analysing urban lake governance and sustainability in India, in Series: Advances in Geographical and Environmental Sciences, Springer, Japan.

#### Journal Articles

- Van Ast, J.A. Widaryati, A. & Bal, M., 2014. The 'Adat' institution and the Management of Grand Forest 'Herman Yohannes' in Indonesian Timor: The Role of Design Principles for Sustainable Management of Common Pool Resources. *Conservation and Society*, 12 (3), pp.194-305. [https://www.jstor.org/stable/26393164?seq=1#metadata\\_info\\_tab\\_contents](https://www.jstor.org/stable/26393164?seq=1#metadata_info_tab_contents)
- Bal, M. Van Ast, J.A. & Bouma, J.J., 2013. Sustainability of Urban Lakes: Role of Values in Lake Governance in Ahmedabad, India. *Sociology Study*, 3(3): pp.182-206.

#### Book Chapter

- Bhargava, M. 2019. Assessment of Interactive Governance at Anasagar Lake Management in India: Analysing using Institutional Analysis Development Framework. In: Kenji Otsuka ed., 2018. Interactive Approaches to Water Governance in Asia. Springer, Japan. [https://link.springer.com/chapter/10.1007/978-981-13-2399-7\\_9](https://link.springer.com/chapter/10.1007/978-981-13-2399-7_9)
- Van Ast, J.A., Bouma, J.J. & Bal, M., 2013. *Values connecting Societies and Water Systems*. In: J. Edelenbos, N. Bressers, & P. Scholten, ed., 2013. Water Governance as Connective Capacity. Ashgate Publishing Limited, Surrey, England, pp.249-266. <https://search.proquest.com/openview/32aa3b4458e6b662e7f703437c3c6311/1?pq-origsite=gscholar&cbl=2032318>
- Forthcoming. Bhargava, M.B. 2019. What will it take to make Indian cities more Resilient? Experiment with Integrated Lake Basin Management at Indore. In: Shivakoti, G. et.al. ed., 2019. Understanding Diversity and Dynamics of Natural Resources Governance and Management in South (Volume V). Elsevier.
- Forthcoming. Sanjaliwala, M & Bhargava, M.B. 2019. An Institutional analysis of Gundalav Lake Governance. co-author Megha Sanjaliwala. In: Shivakoti, G. et.al. ed., 2019. Understanding Diversity and Dynamics of Natural Resources Governance and Management in South (Volume V). Elsevier.
- Forthcoming. Bhargava, M.B. 2019. Design Principles of the Indus Water Treaty (IWT) towards a Peace Building Process between India and Pakistan. In: Brauch, H.G. et.al. ed., 2019. Handbook on Sustainable Peace, Springer, Nature.
- Forthcoming. Bhargava, M.B. 2019. E-book Why resource governance fail? Case of Urban Lakes in India. for International Journal of the Commons. Indrastra Global. Open access.

#### Published Essays and Reports

- 2015. Special Report: Institutional Analysis Development Framework of Urban Lake Governance in Indore: Case Studies of Lasudia Mori and Khajrana Lake. At EDC. For TARU Leading Edge India. Submitted to Rockefeller Foundation (2013) 100 Resilience Cities Programme for the 'Asian Cities Climate Change Resilience Network' Project namely, 'Peri-Urban Lake Restoration/Conservation for Creating Emergency Water Management Options' (2012 CAC 314).
- Bal, M. 2015. Tanks and Water Management in Hyogo Prefecture. Field Essay Submitted to Hyogo University of Technical Education
- Bal, M. 2015. Analyzing Anasagar Lake System from a Social-ecological system approach. Research Fellowship Report Submitted to Research Institute for Humanity and Nature, RIHN, Kyoto, Japan.
- Bal, M. 2015. Emerging Crisis in Mansagar Lake Governance in Jaipur. A Re-Pronouncement of Death-Penalty for Mansagar Lake. Dedicated to the People of Jaipur through submission in the India Water Portal <http://www.indiawaterportal.org/news/emerging-crisis-mansagar-lake-governance-jaipur>

- Bal, M. 2013. Preliminary Report on Governing Lake Gurram Cheruvu in Hyderabad. Submitted to the Local Councilor of Greater Hyderabad Municipal Corporation, Ms. Aisha Rubani for Area Development Plan. <http://www.indiawaterportal.org/articles/report-governing-lake-gurram-hyderabad>
- Bal, M. 2013. Review of the Draft Rajasthan Lake Authority Bill 2013. For the Ministry of Urban Development and Housing, Government of Rajasthan. <http://www.indiawaterportal.org/articles/review-draft-rajasthan-lake-authority-bill-2013>

#### **Professional Reports (Team member)**

- May 2016. Vision Plan for Nau Chauki Pal, Rajsamand, for Rajsamand Municipality. At EDC.
- May 2015- . Documentation of 20 Years Work of Environmental Design Consultants Ahmedabad. At EDC.
- Feb 2013. Review of the Draft Lake Development Authority Bill, Government of Rajasthan. At EUR.
- July 2013. Review of the High Court Order dated 17<sup>th</sup> May 2012 on Mansagar Lake. At EUR.
- May 2011. Report on Lake Gurram Cheruvu, for Local Councillor Barkas area, Hyderabad. At EUR.
- May 2007. Master Plan and Development Guidelines at Grassfield Farms and Resort, Jaipur. At EDC.
- June 2004. Master Plan and Guidelines of Saurashtra University Campus, Rajkot. At EDC.
- June 2003. Ecological Upgradation- ISO14001 of Morwad-Dharmeta marble mines, Rajsamand. At EDC.
- July 2002. Development Strategies for Tourism growth in 5 towns of Suarashtra region: Dwarka, Junagarh, Palitana, Porbandar, Veraval- Patan, Gujarat. At CEPT.
- May 2002. Master Plan for the Science and Technology Park of the Science City, Ahmedabad. At CEPT.
- Jan 2002. Dwarka Urban Design Initiative, Dwarka. At CEPT.
- Oct'2001. Rehabilitation of Social Amenities in earthquake affected villages of Bhachhau, Gujarat. At CEPT.
- Aug'2000. Master Plan for the Impact of Science City on Surrounding Development, Ahmedabad. At CEPT.
- Oct'1999. Environmental Assessment of Veraval Harbour Area (Physical Development), Veraval. At CEPT.

#### **Reviewer**

- Apr'2018. Individual Evaluation Reports, on Proposals for EU-India Water Call Horizon 2020 for European Commission Research Executive Agency
- Reviewed (30+) of Papers for Scientific Journals and Conferences; and Book Chapters. For ex.,
  - The International Journal of the Commons
  - The Journal of Cleaner Production- Elsevier
  - Protibesh: Journal of the Department of Architecture, BUET
  - International Association of the Study of the Commons Conferences
  - Gender Studies and Sexuality Conferences

#### **Writings in Progress**

- Manuscript. Bhargava, M.B. 2017- . Ontology (Pattern Language) of Urban Lake Governance and Sustainability.
- Manuscript. Bhargava, M.B. 2016- . Social-ecological aspects of the different typology of Public Open Space. Documentation of Public Open Spaces in Ahmedabad.
- Articles. Bhargava, M.B. 2019- . 1. Women in the Production of a Public Space in Ahmedabad (with Aditi Pancholi). 2. Land-Water dynamics in Polycentric Governance of Mansagar lake (with Megha Sanjailiwal). 3. Institutional Arrangement of the Indus Water Treaty, A Trans boundary Water Management between India-Pakistan (with Saima Ali). 4. Investigating the Impacts of Institutional Arrangements on the Adaptive Capacity of Social-Ecological Systems: The case of Urmia Lake Basin (Shahryar Ershad)
- Manuscript. Bhargava, M.B. 2019- . Role of Gender in shaping the Built Environment in India: A Case Study of Women in Architecture in Ahmedabad. <https://www.youtube.com/watch?v=OMyPikpDbpM>
- Edited Volume Manuscript. Bhargava, M.B. and Moor, T.d. ed, 2019- . 8 Chapters. Converting papers from Panel on 'Gender Balance in the Commons Management Practices and Studies' in XVII Biennial IASC-Conference 'In Defense of the Commons: Challenges, Innovation and Action' (Lima, July 2019).
- Pedagogical Memoirs. Bhargava, M.B. 2018- . 1. Working Paper Series on Research Seminar for Bachelor of Architecture. 2. Journalism of the Built Environment. Documentation of teaching and learning. 3. Urban Context Teaching and Learning. 4. Social Engineering and Art of Connecting Science with the Society

#### **Papers, Presentations, Participations in Conference, Seminar, Symposium**

- 2019  
July
- Papers. 1. Role of Women in shaping the Built Environment in India: A Case Study of Women in Architecture in Ahmedabad. 2. Women in the Production of a Public Space in Ahmedabad (with co-author Aditi Pancholi). Papers presented in Panel on 'Gender Balance in the Commons Management Practices and Studies' (with co-panelist Tine de Moore); and 3. Land-Water dynamics in Polycentric Governance of Mansagar lake (with co-author Megha Sanjailiwal). 4.

- Institutional Arrangement of the Indus Water Treaty, A Trans boundary Water Management between India-Pakistan (with Saima Ali). 5. Institutional arrangements, Adaptive Capacity, Östrom design principles, Urmia Lake Basin (with co-author Shahryar Ershad). in XVII Biennial IASC-Conference 'In Defense of the Commons: Challenges, Innovation and Action' (Lima, Peru, July 1-5, 2019).
- 2019 Feb - Presentation and Papers. 1. Women in Architecture Profession in India. 2. Women in the Production of a Public Space in Ahmedabad (with co-author Aditi Pancholi). Paper presented in 2<sup>nd</sup> International Conference on Future of Women '19. (Colombo Srilanka, Feb 14-15, 2019).
- 2018 Dec - 2018. Presentation & Panel Discussant. Crafting a Pedagogy for Architecture Thesis. In Symposium on 'New Directions in Design based Research'. At Swarnim Startup & Innovation University, Gandhinagar, 15-16 Dec.
- 2018. Presentation & Panel Discussant. 'What will it take to make the Citizens Participate in the Cities Upkeep: Experience of Urban Lakes of India'. In Panel, 'Urban Lakes: Challenges and Solutions'. At IWMI-TATA Conference on 'Building Climate Resilience for Doubling Farmers Income', NDDDB Anand, 4-5 Dec.
- 2018 Nov - 2018. Paper. Design Principles of the Indus Water Treaty, towards a Peace Building Process between India and Pakistan. (Co-author, Saima S. Ali). In: Panel, 'Ecology, Conflict Risks, Forced Migration and Peace'. At IPRA General Conference 2018 on 'Innovation for Sustainable Global Peace'. Ahmedabad, 24-28 Nov.
- Panel. How to Bring Water into Mainstream Education? At 'Empowering Cities and Citizens' Conference. IHS Erasmus University, Rotterdam, 6-7 Nov.
- Oct'2018 - Participation. The 17<sup>th</sup> World Lake Conference, Tsukuba, Ibaraki, Japan. 15-19 Oct.
- July 2018 - Papers. 1. Integrated Urban Lake Management at Indore India: Institutional Analysis and Development towards Water Resilience. (Co-author GK Bhat) 2. An Institutional analysis of Gundalav Lake Governance. (Co-author Megha Sanjaliwala). At Asian Regional Biennial IASC Meeting on 'Redefining Diversity and Dynamism of Natural Resource Management in Asia', AIT Bangkok. 13-16 July.
- May 2018 - Presentation. In Embassy of The Netherlands organized 'Indo-Dutch Ganga Forum'. 24 May.
- Feb'2018 - Panel Chair and Presentation. 'Smart Cities: Safety and Public Spaces'. And Paper Presentation. Public Space and Safety. In Roundtable on Bonjour India Future Tour on 'Smart Cities : Urban Planning, Architecture and Design', Nirma University, Ahmedabad, 24-25 Feb.
- Jan'2018 - Presentation. What if, it is Not Large versus Small Water Systems? In 4th Information & Networking Event EU-India Call on Water, Vadodara, 11-12 Jan.
- Dec'2017 - Participation. In Gorakhpur Environmental Action Group organized 'National Workshop on Climate Change and Disaster Resilience for Urban Children. At New Delhi, 22-23 Dec.
- July 2017 - Panels. 1. Evolution of Governance concepts, methods and models: Towards managing social, technical and ecological resources. 2. Applications of the Social-ecological system (SES) framework: Towards improving our understanding of resource management. In XVI Biennial IASC Conference on 'Practicing the commons: Self-governance, cooperation, and institutional change', at Utrecht University, 10-14 July.
- June 2017 - Presentation. In Embassy of The Netherlands organized 'Roundtable on Water with focus on Municipal Water and Waste Water'. At New Delhi, 9 June.
- Apr'2017 - Paper. Fulbright Project: Ontology of Urban Lake System. In CBIE Seminar Series. At Arizona State University, Tempe, 24 Apr.
- Mar'2017 - Participation. In Fulbright **Visiting Scholar Enrichment Seminar on 'Building a Sustainable Future: Innovative Approaches for Climate Change and Our Oceans'**. Institute of International Education, Los Angeles, 8-11 Mar.
- Sep'2016- Jan'2017 - Paper. Fulbright Project: Looking for A Language of Urban Lake Governance and Sustainability. At University of Florida Gainesville (31 Jan'2017); at University of Tennessee Knoxville (16 Nov'2016); at Indiana University Bloomington (14 Nov'2016); at University of Wisconsin- Madison (8 Nov'2016); at Javeriana University Bogota (21 Oct'2016); at Arizona State University Tempe (19 Sep'2017).
- Oct'2016 - Participation. UN Habitat III. In United Nations Conference on Housing and Sustainable Urban Development. At Quito, Ecuador 17-20 Oct.
- June 2016 - Paper. Assessment of Interactive Water Governance in India - A case of Anasagar Ajmer. In Seminar on Interactive Water Governance: Case Studies of Asia, IDE JETRO Chiba, 29 June.
- May 2016 - Presentation & Panel Chair. 'Climate Change and Environment'. In Conference 'Governance and Inclusion in Transforming Cities', at ISS-IHS Erasmus University and SPA-ITPI, New Delhi, 11 May.

- Mar'2016 - Coordination and Presentation. 'Analyzing Anasagar from a Social-ecological system approach'. In Workshop 'Water and Wetland: Looking for Smart Solutions', MDS University Ajmer, 19 Mar.
- Nov'2015 - Presentation. 'Upstream-Downstream Saga of Mansagar Lake - A Story of Jaipur's Wastewater. In International Training Workshop on 'Converting Waste into Resource: Beneficial and safe Reuse of Waste and Wastewater in peri-urban Agriculture in India', Organised by CSIRO Land & Water Adelaide, Western Sydney University and Vidya Bhawan. Udaipur, 23-26 Nov.
- Nov'2015 - Participant and Academic Advisory in National Conference on Global Warming & Climate Change: A Way Out, Environmental Planning and Coordination Organisation, EPCO, 20-22 Nov. 2015, Bhopal.
- Oct 2015 - Presentation & Panel Discussant. 'Institutional structures to restore & conserve urban water bodies'. In National Workshop on 'Urban Lakes Conservation Options', TARU and IMC Indore, 08 Oct.
- Dec'2014 - Presentation. 'It Started Here. Urban lake governance in India: A case of Mansagar Lake in Jaipur. Poster and Presentation'. In Multi-Culti, FAAA. At CEPT University, Ahmedabad 12-13 Dec.
- Feb'2014 - Paper. The complex Science of Urban Lake Systems, at the International Conference on Lakes and Wetlands, Environmental Planning and Coordination Organisation, Bhopal, 12-14 Feb.
- Sep'2013 - Poster. Urban lake governance in India: A case of Mansagar Lake in Jaipur. N-AERUS / GISDECO Conference, URBAN FUTURES, University of Twente. Enschede, 12-14 Sep.
- June'2013 - Paper. Understanding Mansagar Lake Governance using Social-Ecological Systems Framework, at XIV IASC Conference, Kitafuji, Japan, June 2-7.
- Feb'2013 - Posters. People's perception on Mansagar Lake. In 16<sup>th</sup> Bird Fair by Tourism and Wildlife Society of India, Jaipur, 4-5 Feb.
- Sep'2012 - Water and water bodies Management in Urban India. In Working Conference on Urban Developments and Emerging Issues of Inclusion, Governance and Sustainability in India, IHS Rotterdam, 21 Sep.
- July'2012 - Paper. Ground challenges to collective governance of urban lakes in India, at 4th European Consortium for Political Research Graduate Student Conference, ECPR, 4-6 July, Bremen. [https://issuu.com/ecpr/docs/2012\\_ecpr\\_bremen\\_graduate\\_student\\_c](https://issuu.com/ecpr/docs/2012_ecpr_bremen_graduate_student_c)
- Mar'2012 - Paper. Challenges to collective governance of urban CPR, at Planet Under Pressure Conference, 25-28 Mar, London.
- Feb'2012 - Posters. Mansagar Lake Governance. 15<sup>th</sup> Bird Fair by Tourism and Wildlife Society of India, 2-3 Feb, 2012, Jaipur.
- Dec'2011 - Paper. Collective Action towards Ecological Performance of Mansagar Lake. In Mini Conference at Workshop in Political Theory and Policy Analysis, Dec 11-14, 2011, Bloomington, Indiana.
- Apr'2011 - Paper. Towards sustainability of urban lake systems in India: A governance perspective, at GOCS Research Group in Department of Public Administration, Erasmus University
- Jan'2011 - Paper. Sustainability of Water Resource Systems In India: Role of Value in Urban Lake Governance In Ahmedabad, at 13th IASC Conference, Hyderabad, India, 7-11 January.
- Nov'2010 - Paper. Governing Values of Water Systems in The Netherlands and in India, at Netherlands Institute of Governance, 23-25 Nov, 2010, Maastricht.
- Sep'2010 - Participation. 'Rotterdam Global Urban Summit on Sustainable Development'. Rotterdam, 3-4 Dec.
- May'2010 - Participation. In conversation with Elinor Ostrom at the '13<sup>th</sup> Economics of Infrastructure Conference'. At TU Delft, 27-28 May, 2010, Delft.
- Oct'2010 - Paper. 'Urban Lake Management In Ahmedabad: Ostrom's SES Framework as a Starting Point'. In AUC-EUR, Sustainable Development Workshop. 27-29 Oct, 2009, Cairo.
- Mar'2010 - Presentation. Governance of Urban lake systems in India, 2nd International River Festival, 21-23 Mar, Hoshangabad.
- Dec'2009 - Participation. GBSM Congress- Water: Public right or Economic good, Erasmus University Rotterdam, 12 Nov.
- Oct'2009 - Presentation. Water and Waterbodies Management. In 10<sup>th</sup> N-AERUS Conference, IHS, Erasmus University Rotterdam, 5-6 Oct.
- Apr'2009 - Paper. Looking at the Institutions and Governance of Urban Lake Management in India, at Workshop on De- and Re-Regulation of The Network Industries, Delft, Netherlands, 20-24 April.
- July 2009 - Representing IHS at Habitat Business Forum on 'Innovative Cities', 12-13 Jul, 2009, New Delhi.
- July 2009 - Representing IHS at Workshop on 'Saving the Lakes of Bangalore', IISC, 09 Jul, Bangalore.






- Oct'2008 - Programming the IHS-Alumni Association, at IHS Networking event in World Urban Forum- 4, 28-31 Oct, 2008, Nanjing.
- 'Cities are more important than countries' and 'Safer Cities Programme', by IHS Rotterdam, Panel Member and Training Assistant at World Urban Forum- 4, 28-31 Oct, 2008, Nanjing.
- Oct' 2006 - Sustainable Human Habitat, International Workshop at School of Architecture, Centre for Environmental Planning and Technology, Ahmedabad, India.
- Jan'2005 - Coordinator. In International Workshop on 'Urban and City Design Curriculum Development'. A EU funded Asia Link Programme, at CEPT, Ahmedabad 12-15 Jan.
- Jan'2004 - Exhibition of Work, Presentation on 'Rain water Harvesting and Urban Lakes', at Centre for Environment Education CEE, Ahmedabad, 28-29 Jan.
- Jan' 1999 - Poster and Presentation. 'Re-densification of Sector 22 Chandigarh'. In the International Convention on 'Chandigarh, Celebrating its 50 years', at Chandigarh University, Chandigarh.

## Writings in Proceedings, Magazine, Media

- May2019 - Media article. <https://www.neliti.com/publications/279380/political-will-needed-to-effectively-and-efficiently-serve-and-manage-water-i>
- Apr'2016 - Conference Proceedings. Workshop 'Water and Wetland: Looking For Smart Solutions'. At MDS University Ajmer, 19 Mar.
- Oct'2011 - Featured in Indiana University (IU) Scholar Newsletter (Winter 2011/12) at: <http://ois.indiana.edu/scholars/newsletter/2011/winter.php>
- Sep'2010- Column Writer. In Erasmus Magazine (Monthly- 10 Issues). At Erasmus University Rotterdam.
- June'11 (What we have at Erasmus; Towards Sustainability@EUR; Politics Everywhere; Are you in Love with Me?; Different Types of Academic Scholars; Institutionalisation in Academic Disciplines).
- Feb'2013 - Article. People's perception on Mansagar Lake. In Annual magazine of '16<sup>th</sup> Bird Fair' by Tourism and Wildlife Society of India, Jaipur, 2013. pp11-14.
- Nov'2008 - Ways To Pedestrianize Ahmedabad, in Times of India, Daily Newspaper, Ahmedabad.
- Oct' 2007 - Redevelopment of Old Housing Societies- Issues Related To Dissenting Members, in *Mumbai Times, Daily Newspaper, Mumbai and India Today Weekly Magazine*.
- July 1999- Articles. 'Open Spaces in the Urban System, Talavadis (Lakes) as Opportunity'. 1. In Architect and Builder Magazine, India; 2. In Gujarati Weekly 'Abhiyan' of Abhiyan Press and Publication Ltd.; 3. in 'Chitralekha'; 4. In Times of India, Daily Newspaper, Ahmedabad.
- Jan' 2001
- July1999 - Conceptual Plan for Re-densification of Sector 22, Chandigarh, in Mansar, Annual Magazine of Vastu-Shilpa Foundation, Ahmedabad.
- Dec'92- Architectural Design of 'College of Arts' and 'A Doctor's House', in Journals of National
- Dec'1991 Association of Student of Architecture (NASA), India.

## Dissertations

- |                                   |   |   |
|-----------------------------------|---|---|
| 2015. PhD.<br>Public<br>Admin     |  | - <b>Social-Ecological System (SES) Framework- Understanding urban lake governance and sustainability in India.</b> A three stage study involved different applications of the SES framework to analyse three geospatial scales of urban lake system- i. A system of lakes in Ahmedabad; ii. Broad pattern of eight urban lakes across four cities Ahmedabad, Hyderabad, Bhopal and Jaipur; and iii. In-depth study one (Mansagar Jaipur) lake. A theoretical framework and a model to analyse urban lake system are developed. <a href="http://repub.eur.nl/pub/77643">http://repub.eur.nl/pub/77643</a> |
| 2008. MSc.<br>Urban<br>Management |  | - <b>Perceptions, Planning and Principles of Public Open Space (POS), Realities of Cape Town and Kosovo Informal Settlement, South Africa.</b> Study of the hierarchy of public open spaces in Cape Town. Perception analysis of public open spaces in Kosovo using focus group discussions. <a href="https://www.ihs.nl/fileadmin/ASSETS/ihs/IHS_Publication/IHS_Thesis_Series/ihs_thesis_2009.pdf">https://www.ihs.nl/fileadmin/ASSETS/ihs/IHS_Publication/IHS_Thesis_Series/ihs_thesis_2009.pdf</a>  |
| 2005. MPhil.<br>Land<br>Economics |  | - <b>Assessment of the case for increase in public amenity and space, A Case Study of Vastrapur Lake Development Project (VLDP), Ahmedabad.</b> Study of market and government failures in lake management. Impact analysis (Cost Benefit Balance Sheet) of Vastrapur Lake Development through survey of the local people living in the residential, commercial, slums and the commuters who use the lake in/ directly.   |

1999.  
P.G. Dip.  
Urban Design



- **Open Spaces in the Urban System, Lakes as an opportunity, A Case Study of Thaltej Lake, Ahmedabad.** Study of urban lakes in Ahmedabad. Planning guidelines and urban design demonstration for development of Thaltej Lake environs.  
[http://library.cept.ac.in/cgi-bin/koha/opacdetail.pl?biblionumber=24527&query\\_desc=kw%2Cwrdl%3A%2Otalavadi](http://library.cept.ac.in/cgi-bin/koha/opacdetail.pl?biblionumber=24527&query_desc=kw%2Cwrdl%3A%2Otalavadi)

1995.  
Bachelors in  
Architecture



- **Archaeological Museum, A Site Planning Approach, Bhopal.** Design demonstration on relationship of indoor exhibit spaces and outdoor spaces on a valley and at the inlet of Lower Lake of Bhopal.

## EDUCATION

### Taught Courses, Studios, and Workshops

MOOC

- **Massive Open Online Course. Urban Lake Management** (to Commence from Sep'2019 at Indian Institute of Technology, Chennai)

Humanities  
and Liberal  
Arts



- **Meanings in Art and Art Forms** (Short Course). The course encourages participants to indulge with thyself to explore the medium of expression that one is most confident with. It provides a brief introduction to the world of creative art, the methods, its benefit as a tool to nurture for self-expression, for having alternate skills as living and leisure.

Research  
and Thesis



- **Social Engineering** (Short Course). The course helps participants to understand and embrace collectivism for professional integration to provide-maintain various social-ecological functions of the society. The course sensitizes and prepares participants for handling and enjoying collective activities.



- **Research Seminar & Thesis** (Full Semester Course at various institutes). Participants are introduced to the world of research. They learn about the basics of forming research interest/problem and then aim/objectives followed by strategising through the theoretical underpinnings and the available methodologies and methods. Different research methods are introduced. Participants develop a research proposal/paper.

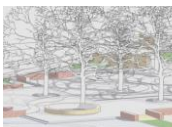
Urban  
Design



- **Practical Tips to Do a Dissertation** (Short Course at various institutes). Three Modules Workshop prepares participants to carry out thesis in more meaningful way and include: writing a proposal, report writing, and thesis presentation.

- **Thesis Workshop (I & II) for the Supervisors.** Training the Teachers with the Opportunities and Challenges of Supervision. Methods. Jargons.

- **Urban Design (Form, Context, Insert)** (Full Semester Course at various institutes). Participants are introduced to basics of urban design through the lens of character and built form, land use and building use, demographics, infrastructure, hierarchy of open spaces, public realm that shape any area and inform decision/s about its development. Following this, participants learn about the planning, strategizing, designing urban insert with design principles, guidelines, standards, structure and services.



- **Public Open Space Management: Beyond Design & Planning** (Short Course at various institutes). Understanding the complexity of public open spaces and how a number of social-ecological characteristics of pos go beyond design and planning and are crucial for management and maintenance of the open space.

Art of  
Presenting



- **Reading, Writing and Speaking** (Full Semester Course at various institutes). Prepares participants to self-evaluate their reading, writing and speaking skills and learn the art of efficiency in the same. Overall, the aim is to learn the art of presenting self through writing and public speaking. Designed in a game format, the students are made to work on the skills.



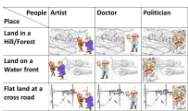
- **Journalism of the Built Environment.** (Full Semester Course at various institutes). The course introduces to the field of journalism with emphasis on documenting, creative writing and publishing. Participants are required to be curious and concerned about the built environment and willing to share a perspective about it to a select audience and the populace in general.

- **Architectural Criticism/Appraisal.** (Full Semester Course at various institutes). The course encourages participants to be critical and creative thinkers about the architecture and the architectural profession.

## Water Workshop



## House and Housing Design



## Reading Workshop



## Planning-Architecture Joint Studio



## Site Planning Workshop



- **Integrated Water Resource Management.** (at various institutes). Three Module Workshop. Prepares participants to get a comprehensive overview of water and water bodies management. The theory and principles of integrated water resources management is presented in light of live examples. Other approaches tried on water management are looked through the light of iwrm.
- **Urban Lake Management- A to Z of Urban Lakes.** (at various institutes). One-Two-day Workshop. Understanding the complexity of urban lakes. A social-ecological system approach the physical lake, value of a lake, the governing actors and the governing mechanisms. The two-days' includes a 'walk the lake, talk the lake'.
- **Housing Planning and Design Studio** (at Nirma University with Utpal Sharma, Jan'16). The Semester studio (supported by Theory course) is about developing understanding of designing and planning multiple homes for community living. Through live project, the students learn about the housing calculations, design of buildings and spaces, building structure, layout plan, scale, aesthetics, etc.
- **House Design Studio** (at Nirma University with Utpal Sharma, Aug'15). The Semester studio (supported by Theory course) is about developing understanding of basic design expressions of forms using various building materials and possible construction structures.
- **Urban Twitterature Workshop- Become an effective and efficient reader** (at IHS Rotterdam with Jan Fransen, Apr'2013). One-day Workshop with Masters Urban Management Students at IHS, on reading, discussing and debating through Twitter.
- **Coastal Towns and Tourism Veraval-Somnath** (Winter School at CEPT University with Madhubharati Sharma, Dec'2014). Three week course with grad students on understanding the planning and development issues of a town. Preparation of program, reading materials, lectures, case studies, field visits; interviews.
- **Redevelopment of Fishing port town of Veraval –Patan** (International Exchange Studio at CEPT with Madhu Bharati Sharma and Nihal Parera, Jan-Mar'2005). Preparation of program for Joint Studio between Masters Housing Planning (CEPT) and Department of Architecture (Ball State University, USA). Preparation of program, reading materials, lectures, case studies, field visits, planning, design and deliberation assistance
- **Resettlement plan for Laborers of Alang Ship-breaking Yard, Bhavnagar** (International Exchange Studio at CEPT with Madhubharati Sharma and Nick Ray, Jan-Mar'2004). Joint Studio between Housing Planning (CEPT) & Environmental Design (University of Cambridge). Preparation of program, reading materials, lectures, case studies, field visits; interviews with officials.
- **Site Planning and Urban Design, Ahmedabad** (Department of Urban Design, at CEPT with Prof. Ravindra Bhan, Dec'2003). One week Workshop. Site Analysis for landscape and urbanscape development of Thaltej environs in Ahmedabad. Preparation of program, reading materials, lectures, case studies and field visits.

## Theses Supervision (Postgrad)

- 2018 - Urban Lake Sustainability, Understanding Lake Governance of Gundalav Talab in Kishangarh, Rajasthan (CEPT University, Ahmedabad)
- 2013 - Self-Organisation in Inclusiveness of Ramna Park, Dhaka, Bangladesh by Tanim Tabassum.
- 2012 - Sustainable Management of Primary and Middle Schools in Jiaonan city, China, by Fuchen Yu.
- Sustainable Management of Urban Green Spaces in Jakarta, Indonesia, by Irha Enjang Dwita.
- 2011 - Implementing Congestion Charge in Jakarta, by Rindy Farrah Indah Dewi.
- Building Institutional Capacity for the Implementation of the Bus Rapid Transit System (BRTS) in Accra, by Ferdinand Yayra Kofi Yali.
- People's Perception on the Artificial Eco-wetland Project in Kunming: Study of Sustainability of Dianchi Lake in China, by Zijong Guo.
- 2010 - Role of Public Art in Urban Environment: A Case Study of Mural Art in Yogyakarta City in Indonesia, by Teguh Setiawan.



- Community Participation on Environment Friendly Kampung Program in Kampung Berdikari Palembang South Sumatera Province, Indonesia, by Akhmad Syajari (All: IHS-EUR Rotterdam)

### **Theses Supervision (Undergrad)**

- |      |  |
|------|--|
| 2019 | <ul style="list-style-type: none"> <li>- Art in Architecture - Study of Charles Correa's Institutional Projects, Devnani Sweta</li> <li>- Urban Food Tales: Khau Gallis Of Gujarat, Gajjar Rutvi</li> <li>- Perception of Ideal Learning Environment at School of Architecture, Malkan Dhyey</li> <li>- Into the Ghetto Culture: Study of Dynamics of Public Activities in The Public Realm, Naidu Vineet</li> <li>- Ideas of An Inclusive School: From the Perspective of Autism, Patel Devanshi</li> <li>- Migration and Culture: Reflection of Indianness In Fiji, Patel Shivani</li> <li>- My Idar- A Framework for Study of Small Historic Towns of India, Patel Tejendrakumar</li> <li>- Reflection of Timelessness in Railway Station Buildings, Patel Urvish</li> <li>- Fetishism in Shoe and Architecture: Case of Design Institution in Architecture, Patel Vaidehi</li> <li>- Narcissism in Museum Architecture, Raval Tejasvi</li> <li>- Everyday Carnivalesque: Carnivals of Public Realm in Bhuj, Solanki Maulik</li> <li>- Architectural Response to Land-Water Interface- in the context of Lake Pichola, Udaipur, Parikh Jhanvi</li> <li>- Streets of Rajasthan, Udaipur, Jaisalmer and Jodhpur, Bhaat Jugal</li> <li>- An inquiry into an approach for Biophilic Design: through the works of Laurie Baker, Desai Kruti</li> </ul> |
| 2016 | <ul style="list-style-type: none"> <li>- Understanding Bazaar as urban space through physical characteristics and perception of women, A study of informal bazaars of Ahmedabad, Pancholi Aditi</li> <li>- Understanding integration of nature into space making in Geoffrey Bawa's work, by Swati Thesiya.</li> <li>- Craft Learning Centre and Museum, Ahmedabad, by Aniket Shah.</li> </ul>   |
| 2015 | <ul style="list-style-type: none"> <li>- Vertical Neighbourhood- an Integrated Habitat, by Aarsi Desai.</li> <li>- Relevance of Geometry in Urban Design, by Neerja Dave.</li> <li>- Corporate Campus: Vistar, by Aakash Srivastav (as external guide).</li> <li>- Exploring underwater architecture, by designing aqua-museum, by Riddhi Madeka.</li> </ul>   |

### **Thesis Mentoring**

- |            |  |
|------------|--|
| Since 2009 | - Bachelors, Masters, PhDs from Architecture, Planning, Urban Management, Public Admin, Sociology.   |
| Currently  | <ul style="list-style-type: none"> <li>- Six aspiring and pursuing PhD candidates in writing Thesis Proposal.</li> <li>- Ten Bachelors Students to Convert Thesis into Scientific Paper, Chapter, Manuscript.</li> </ul> |

### **Invited Lectures**

- |                        |   |
|------------------------|---|
| July'2019              | - Urban Lakes as Heritage & as Social-ecological System. CEPT University Ahmedabad, July 24 & 31  |
| June'2019              | - A Tribute to Nobel Laureate Prof. Elinor Ostrom. The Retakes to Self-Organising towards Saving the Thaltej Lakes Ahmedabad: A story of Polycentric Urban Lake Governance in India at Gujarat Institute for Development Research, GIDR, Ahmedabad, 12 June   |
| Feb-Mar'19             | - Introduction to Research Thesis at APIED Sardar Patel University, Anand; SAL School of Architecture, GTU, Ahmedabad   |
| Feb'2019               | - Life and Life Cycle of Urban Lakes in India, CEPT University Ahmedabad, Feb 12.   |
| Nov'2018               | - Thesis Workshop (I & II) for the Supervisors. Nirma University Ahmedabad.   |
| Oct'2018               | - Nuances of Urban Lakes in Planning of Cities. Nirma University Ahmedabad, Oct-19.   |
| Apr'2018               | <ul style="list-style-type: none"> <li>- The Business of Understanding Complexity, IHS Rotterdam, April 18.</li> <li>- Introduction to Housing.</li> <li>- Introduction to Urban Concepts. Nirma University Ahmedabad, April 6-7.</li> </ul>  |
| Mar'2018               | <ul style="list-style-type: none"> <li>- Lakes and Life, CEPT University, April 5</li> <li>- Hubli Thesis Workshop – 3 Modules (Proposal, Report and Presentation) at KLE Technological University, Hubli, 21-22 Dec</li> </ul>   |
| Oct'2017               | <ul style="list-style-type: none"> <li>- A Pedagogy: Coaching for Productive Citizenship. NIIT Raipur, Amity Raipur and IIT Bhilai</li> <li>- Ontology of Urban Lake System. Arizona State University, Tempe.</li> </ul>  |
| Sep'2016-<br>June'2017 | - Fulbright Lectures. Looking for A Language of Urban Lake Governance and Sustainability. Arizona State University, Tempe; Indiana University, Bloomington; University of Javeriana, Bogotoa, University of Wisconsin, Madison, University of Tennessee, Knoxville, University of Florida, Gainesville. |

- July 2016 - Opportunities and Challenges for Scholars to Engage in Environmental Governance in India. at The 133rd RIHN Seminar, Kyoto, 01 July. [http://www.chikyu.ac.jp/rihn\\_e/events/rihn-seminars/no133.html](http://www.chikyu.ac.jp/rihn_e/events/rihn-seminars/no133.html)
- June 2016 - Assessment of Interactive Water Governance in India - A case of Anasagar Ajmer, IDE-JETRO, Chiba, Japan, 29 June.
- June 2016 - Practical tips for doing a PhD and Independent Research. at Nirma University Ahmedabad, 14 June.
- Dec 2015 - Thesis Workshop – 3 Modules (Proposal, Report and Presentation) at KLE Technological University, Hubli, 21-22 Dec
- Oct'2015 - Practical Tips to Do a Dissertation. at University of Delhi on 17 April.
- Oct'2015 - Life After Bachelor of Architecture. at Gogte Institute of Technology, Belgaum, 2 Oct.
- Sep'2015 - Understanding urban lake governance and sustainability in India from a Social-Ecological System perspective at KLE Technological University, Hubli, 30 Sep.
- Sep'2015 - Thesis Workshop – 3 Modules (Proposal, Report and Presentation), at IPSA, Saurashtra University, Rajkot, 20-21 Sep and at Anant School of Architecture, Ahmedabad, 15 Sep.
- Aug'2015 - Workshop on Reading, Writing and Speaking, at IPSA, Saurashtra University, Rajkot, and at Nirma University Ahmedabad
- July 2015 - Architecture is not about Buildings. at Nirma University Ahmedabad, 14 June.
- Apr'2015 - Social-Ecological System Framework- Understanding urban lake governance and sustainability in India, at Jawaharlal Nehru University, Delhi on 16 April and University of Delhi on 17 April.
- Mar'2015 - Social-Ecological System Framework- Understanding urban lake governance and sustainability in India, at Tongji University, Shanghai, 16 March.
- Feb'2015 - Social-Ecological System Framework- Understanding urban lake governance and sustainability in India, at The 108th RIHN Seminar, Kyoto. [http://www.chikyu.ac.jp/rihn\\_e/events/rihn-seminars/no108.html](http://www.chikyu.ac.jp/rihn_e/events/rihn-seminars/no108.html)
- Dec'2013 - The business of understanding Social-ecological Systems, at IHS Rotterdam, 12 Dec.
- Aug 2013 - Urban Planning and Resilience, Executive Training Program at EPCO Bhopal, 02 Aug.
- Jan'2013 - SES Framework and Understanding Governing Urban Lake Systems in India, at Economic of Infrastructure Seminars, Faculty of TPM, TU Delft.
- Dec'2012 - Collective Action: Logics, Problems & Attributes. Governing Modern Societies, Erasmus University, 05Dec.
- Oct'2012 - Natural Resource Management: Case of Urban Lakes, at EPCO, Bhopal.
- Apr'2012 - Doing a PhD? How to prepare for PhD? at IHS Rotterdam.
- Mar'2012 - Urban Lake Governance in Theory and Practice: Cases from India, at EPCO, Bhopal.
- Feb'2012 - Managing Public Open Spaces: Beyond design, at Ayojan School of Architecture, Jaipur.
- Feb'2012 - Mansagar Lake Governance, at 15<sup>th</sup> Birding Fair at Mansagar Lake, Jaipur.
- Sep'2011 - Towards Sustainability of Urban Lake Systems in India: A close look at the current lake Governance approach. At Visiting Scholar Seminar Series in Workshop in Political Theory and Policy Analysis, Bloomington, USA.
- Apr'2011 - Ostrom and SES Framework, at School of Planning, CEPT, Ahmedabad.
- Mar'2011 - Towards sustainability of urban lake systems in India: A governance perspective, A discussion on Methodological Issues in developing a pattern, at Research Group Seminar of Governance of Complex Systems, Erasmus University, Rotterdam, 07 March.
- Jan'2011 - SES Framework and Ahmedabad Lake Governance, at School of Planning, CEPT, Ahmedabad.
- June'2010 - Environmental Audit Lecture Series for Executives: Environmental Governance, SES Framework and Ecological Upgradation in Mining case', at IHS Rotterdam
- June'2010 - Managing Public Open Spaces: Beyond Planning and Design. Department of Landscape Architecture, CEPT University, 7 Jan, 2010, Ahmedabad.
- Feb'2010 - Managing Public Open Spaces: Beyond Planning and Design, Friday Lecture Series, at IHS.
- Nov'2010 - Environmental Governance of Urban Lake Systems, Opportunities and Challenges of using a framework, Faculty of Planning, CEPT University.
- Oct'2010 - Managing Public Open Spaces in Theory and Practice, at Tongji University, Shanghai.
- Jan'2010 - Managing Public Open Spaces: Beyond design, at Dept. Landscape Architecture, CEPT, Ahmedabad.
- Nov'2008 - Clean and Green Ahmedabad, at Ahmedabad Municipal Corporation, Ahmedabad.
- July'2008 - People in Public Spaces Management, at Arg Design, Cape Town, South Africa.
- Sept'2007 - Urban Design Approach and Practice, at Dignity College of Architecture, Bhilai.
- Oct'2006 - Managing Amenity Spaces- Looking Beyond Urban Design, at Dept. Urban Design, CEPT, Ahmedabad.

- Aug'2006 - Economics of Urban Spaces, at School of Planning, CEPT.
- Aug'2006 - Research Methodology, at School of Planning, CEPT.
- Dec'2005 - Valuing Public Amenities, at School of Planning, CEPT.
- Nov'2005 - Amenity Space Distribution: A study of lakes in Ahmedabad, at Department of Architecture and at Fitzwilliam College, University of Cambridge.
- Mar'2006 - Site Planning and Design, at L.A.D. College of Architecture, Nagpur.
- Jan'2002 - Development strategies for water bodies: Lakes and Ponds, at Physical Research Laboratory, Ahmedabad.

#### **Jury Member**

- May 2019 - Master Urban and Regional Planning, MS University Baroda
- Nov'2018 - PhD and Master Theses in Sustainable Architecture, Central University Rajasthan, Ajmer.
- Nov'2018 - Bachelors Urban Design, CEPT University, Ahmedabad.
- Oct'2018 - Bachelor Design Thesis, Nirma University, Ahmedabad.
- Sep'2018 - Bachelor Urban Design Studio, Gulbarga Redevelopment, at KLE Technological University, Hubli.
- May'2018 - Master Theses in Urban and Regional Planning, CEPT University, Ahmedabad.
- Bachelor Studio in Housing Planning and Design, Nirma University, Ahmedabad.
- Bachelor Studio in Urban Design, Anant University, Ahmedabad.
- Mar'2018 - Master Theses in Sustainable Architecture, CURaj, Ajmer.
- Urban Design Studio, Badami Redevelopment, at KLE Technological University, Hubli.
- Mar'2017 - Master Studio in Landscape Design, at CEPT University, Ahmedabad.
- July 2016 - Bachelor of Architecture Thesis at IPSA, Saurashtra University, Rajkot.
- May 2016 - Bachelor of Planning Student, at CEPT University, Ahmedabad.
- Bachelor of Architecture, at Nirma University Ahmedabad.
- Mar'2016 - Masters in Architecture Thesis, at Central University, Ajmer.
- Jan'2016 - Urban Design Studio, at Grow More Group of Institutions, Himmatnagar.
- Dec'2015 - Urban Design Studio, at KLE Technological University, Hubli.
- Bachelor of Architecture, at Nirma University Ahmedabad.
- Apr'2015 - Masters of Planning, at CEPT University, Ahmedabad.
- Bachelor of Planning Student, at CEPT University, Ahmedabad.
- Sept'2008 - P. G. Urban Design Studio on Ujjain Old City Revitalisation, at CEPT Ahmedabad.
- Aug'2006 - Under Graduate Final Dissertation, at National Institute of Design, Ahmedabad.
- April 2006 - MPhil. Environmental Design Final Design, at Martin Centre, University of Cambridge.

#### **Interested Workshop Based Designed Courses (Few Conducted & remaining To Be)**

- **Architecture-Urban Design-Planning.** Research Methodology (3 Modules); Practical Tips to do a Thesis (3 Modules); Collective Action Game (2 Modules); Managing Public Open Spaces Beyond Planning and Design (3 Modules); Site Analysis and Planning (2 Modules); Urban Design and Planning Theory and Practice (3 Modules); Architectural Appraisal/Criticism(2 Modules); Architectural Journalism (2 Modules); Lessons from Studio to Site (3 Modules); The DONT'S in Architecture/ Planning (2 Modules); Architecture/ Planning With/ without Nature (2 Modules); Sensitizing with the Surroundings (3 Modules); Waterscapes - water and water front design and planning (3 Modules); Large scale Master Planning and Design (3 Modules); Resilience and City Planning (2 Modules); Business Development in Architecture (1 Module); No Panacea (1 Module); Keywords in Architecture/ Planning (2 Modules); Mapping a place/space (2 Modules);
- **Natural Resource Management.** Urban Lake Management (2 Modules); Governing (and Planning/Building for) Modern Societies (3 Modules); Environmental Governance (2 Modules); Natural Resource Management(3 Modules); Social-Ecological Systems (2 Modules); Social Engineering (2 Modules);
- **Others.** Art of Presenting Self (Reading. Writing and Speaking) (3 Modules); Initiating a PhD Thesis (3 Modules); Tips to supervise and publish students work (for teachers) (1 Module); Writing successful research proposal (also for teachers and professionals) Sustainability and Liveability (2 Modules); Behavioural Economics (2 Modules); Yog.

#### **Special Courses Attended**

- Jan- - **Policy and Governance in Sustainable Systems** (SOS 321) – Michael Schoon at ASU, Tempe
- Apr'2017 - **Society and Natural Resources Management** (SOS 494) – Ganesh Shivakoti at ASU, Tempe
- **Sustaining the Commons** (SOS 394) – Marco Janssen at ASU, Tempe
- Sep-Dec'16 - **Systems Thinking** (SOS 220) – Michael Schoon at ASU, Tempe
- Aug'14- - **Hozo Ontology approach** to analyse wetland management using Social-ecological Framework
- Mar'15 - Terukazu Kumazawa at RIHN Kyoto.

- Sep-Dec' 2011 - **Y673: Institutional Analysis Development Framework, Social-ecological Framework and Governing the Commons**, with Nobel Laureate Elinor Ostrom at The Ostroms Workshop Bloomington, Indiana University. Papers written for seminar and conference.
- Jan'2010-Mar'2012 - **Courses on Advanced Research Methodology for PhD in Public Administration**, Multiple Instructors at the Netherlands Institute of Governance, NIG courses with multiple experts. Papers written for seminars, colloquiums and conference.
- May 2007 - **Teacher's Training for Yogasanas, Meditation and Yogic Science and Second Degree REIKI for Natural Healing**, at Shivanand Ashram, Ahmedabad.
- 1999-2008 - **Advanced Yog Training**, at Vasant Nature Cure, Ahmedabad.

## **PRACTICE**

**At Environmental Design Consultants** with the Design Team lead by Akshay Bhargava



### **Nau Chauki Pal, Rajsamand**

Ongoing

- Vision Plan for Conservation and Landscape design of 10 Acres Lake Front Garden and its Environs. Development of Terraced Gardens, Planning for the tourist route, entrance gates, and parking. Ecological up-gradation of the hill slopes and the lake front.



### **PP Savani University Campus Master Plan and Landscape Design**

Ongoing

- Master Plan and Landscape design of 100 Acres campus premise. Supervising development of Entry area, Campus Plaza, Lake area, Campus Gathering Space, Hostel Area and internal and external Courts. Ecological up-gradation of campus.



### **Hotel Khirasara Palace, Khirasara, Rajkot**

Ongoing

- Master Plan, Conservation, Landscape and Architectural design of 15 Acres Fortress Palace premise. Supervising development of fore court, inner courts, entrance gates, swimming pool and circulation. Ecological up-gradation of the hillock slopes and the Khirasara lake.



### **Saurashtra University Campus, Rajkot**

Ongoing

- Master planning of 410 Acres university premises, land suitability and zoning, road networking, water harvesting/recharging, environmental upgradation strategies and preparation of master plan report for urban design guidelines for future development and phasing out the development activities. Landscape design of campus plaza, approach roads, sports complex etc.



### **The Gir Relish, Amreli**

Ongoing

- Master Plan, Landscape, Infrastructure and Architectural design of 800 Acres site for Eco-Tourism including farmhouses, recreational parks and business park. Report on site analysis, project feasibility, overall strategy for development, development guidelines. Landscape design of golf course, recreation zones, lake promenades, entrance gate area and other open spaces.



### **Gyanoday Tirthkshetra, Nareli, Ajmer**

Completed

- Master plan for 210 Acres Pilgrim site based on jain mythological principles. Landscape design of progression path to the temple, temple precinct, exhibition zone, entrance gates and fore court. Upgradation of residential area, cattle shelters, recharge pond, slopes of the hills.



### **R.K. Marbles New Morwad Mines, Rajsamand**

Completed

- Landscape design of a marble dumpyard reclamation site. The premise houses corporate office, petrol pump, staff building, restaurant, play courts, machine rooms and sewage treatment plant. Highlights are the corporate image in landscape design and landscape management plan.



### **R.K. Patni State College, Kishangarh**

Completed

- Master plan for 20 acres site area incorporating the existing college buildings. Landscape design of front garden, canteen area, playground area and entrance gates and courts. Highlights are the minimalist approach in landscape development and landscape management plan.



### **R.K. Marbles Factory, Kishangarh**

Completed

- Landscape design of 45 acres factory premises that houses a corporate office, guest house, resin & polishing plant. Planting design, hardscapes and circulation design for man & material movement within the premises. Design of boundary wall, entrance gate area and signage.



### **R. K. Marble Dharmeta Mines, Rajsamand**

Completed

- Master planning and landscape design of 75 acres of mining landfill sites reclamation. Preparation of ISO-14000 report including ecological aspects, brochures and posters, mass awareness program on environment protection. Development of administration area, terraced gardens, temple area and tree plantations around the mining pits.



### **Civil Hospital, Rajsamand**

Completed

- Master plan and Landscape design of 20 Acres district civil hospital premises. Design of front plaza, multi-level garden and sitting/gathering areas for the patients. Custom design of water features, sculptures, exterior lighting and water recharge systems for irrigation purposes.



### **Muktidham Crematorium, Kishangarh**

Completed

- Master plan and Landscape design for 9 Acres crematorium. Death as the symbol of beginning in the cycle of nature. Rational articulation of open spaces to provide a healing environment to the mourners. Design of all architectural and landscape elements.



### **V.V.P. Engineering College, Rajkot**

Completed

- Landscape master plan for 45 Acres Institutional campus for Technical Educational.

Establishing hierarchy of open spaces from internal courts to large courts. Design of assembly courts, internal courts, amphitheatre, campus plaza, play fields, student activity areas, circulation areas and parking. Recognized by I.I.A as outstanding institutional campus, year 2002.



### **Induben Parekh School of Architecture, Rajkot**

Completed

- Landscape master plan for 5 Acres Institutional campus. Design of assembly courts, amphitheatre, campus plaza, play fields, student activity areas, circulation areas, parking.



### **Samartheshwar Residential Redevelopment, Ahmedabad**

Conceptual, Competition, Ongoing

- Master plan of One Acre site for development of old residential two bed room apartments to utilise the revised FSI of 2.7 and develop real high end residential units for more number of families than the existing 36. Redevelopment is the future of several growing metropolis. The project allows learning the economics, sociology and psychology of redevelopment.



### **Reliance Rural Retail Hub, Pan India**

Conceptual and Competition

- Master plan of 10 Acres site for Modular Layout of rural retail hubs (8000 units) across India. Urban design guidelines for modular and prototype developments. Sustainable building design demonstration of retail centre, agro produce warehouses, milk chilling plant, capacity building centre, demo farms, petrol station and public spaces. Landscape guidelines for ecological developments. Circulation design for raw material, finished material, pedestrian & vehicles.



### **The Dunes, Boutique Resorts, Pushkar**

Ongoing

- Master Plan and Landscape design of 15 Acres site Five Star Hotel with luxury cottages, camping sites etc. Design of all courts, party areas, swimming pool, cottage clusters, nature trails and circulation. Detail of landscape features such as boundary wall, entrance gate, fountains, etc.



### **Rainbow Gardens II, Rajkot**

Ongoing

- Master Plan, Landscape, Infrastructure and Architectural design of 10 Acres site for residential development with 70 bungalows, Hotel, Club-Auditorium, Swimming Pool and Golf Course. Custom design of water features, outdoor furniture, exterior lighting and water recharge systems.



### **Rainbow Residency I, Rajkot**

Completed

Master Plan, Landscape, Infrastructure and Architectural design of 5 Acres site for residential development with 24 boundary less bungalows clustered around combined gardens to facilitate community living. Design of club, entrance gate and swimming pool. Landscape development emphasizing on interactive and experiential landscaped spaces.



### **Valley View Farms, Balotra**

Completed

Master Planning, project feasibility, site and infrastructure planning of 37 Acres for residential development. Development regulations, guidelines and water harvesting systems. Design of the clubhouse, residential units, all amenities, entrance gate. Landscape design for the premises.



### **Arham Kutir Cottages, Balotra**

Completed

- Master planning, Site analysis, project feasibility, layout of 93 Acres for residential development. Design of cottages and clusters, all amenities, entrance gate. Infrastructure planning, road networking and rain water harvesting. Landscape design of the premises, party areas, cottage clusters etc.



### **S.H.T. College of Dental Science, Rajkot**

Completed

- Landscape master plan for 42 Acres institutional campus. Design of amphitheatre, campus plaza, canteen, hostels, play fields, circulation and student activity areas. Design of solar lighting, rain water harvesting and waste recycle.



### **B.M.K Foundation, Amargarh**

Completed

- Ecological and site planning for 45 Acres institutional campus housing various disciplines from primary education, aviation engineering to teacher's training programs. Landscape development of the overall campus, various institutions, the perennial water channels and the adjoining lake.



### **Delhi Public School, Gandhinagar**

Completed

- Landscape master plan for 35 Acres school campus. Design of assembly courts, internal courts, amphitheatre, campus plaza, play fields, student activity areas, circulation areas.



### **Kich Industries, Rajkot**

Completed





- Landscape design of 3 Acres factory premise including the fore court, temple area, activity and movement areas for staff and guests. Planting design, hardscapes and Circulation design for man & material movement. Custom design of boundary wall, entrance gates, security cabins, signage, **Dholakia Tobacco Factory, Bhavnagar** Completed



- Development of 5 Acres factory premises with forecourt and internal courts to meet the official ecological standards. Custom design of rain water harvesting system, planting, hardscapes, boundary wall, entrance gates, security cabins, water features. **Neel's City Club, Rajkot** Completed



- Landscape design for 15 Acres City level Club. Site planning and landscape design of public gathering areas, swimming pool, outdoor dining spaces, performance lawns, children's park, gymnasium. Circulation for the guests, staff and vehicular movement within the resort premise. **Macpower CNC Factory, Rajkot** Completed



- Development of 25 Acres CNC machine factory premises with forecourt and internal courts to meet the official ecological standards. Custom design of rain water harvesting system, planting, boundary wall, entrance gates, water features, lighting, canopy. Circulation for man and material. **Hotel KK Continental, Rajkot** Completed



- Development of 8 Acres four star hotel premises with banquet lawns, outdoor dining areas, fore court and internal courts, circulations. Custom design of water features, canopy structures, metal sculptures, wall murals, outdoor furniture. **'Serenade' Villa Rawal, Rajkot** Completed



- Development of 3 Acres weekend house with clearing in the woodland, multiple terraces, party lawns, fishing pond, vegetable garden etc. Custom design of rain water harvesting system, water features, play equipment, exterior lighting, outdoor furniture. **Farm House For Jaisukh Bhai, Rajkot** Completed



- Development of 12 Acres farmhouse with swimming pool, decks, children play areas, coconut and dairy farm, party lawns, fishing pond, vegetable garden. Custom design of water features, play equipment, exterior lighting, outdoor furniture.

## At CEPT University as Research Consultant (Team Work)



### Conceptual Plan for proposed Science City, Ahmedabad

(Commissioned by Gujarat Council of Science City)

with Utpal Sharma

- Case study of various science city projects from across the world. Program formulation of the proposed science city. Conceptual Plan for proposed science city (100 hectares area). Urban design guidelines for development and design demonstration.



### Master Plan for the Science and Technology Park adjoining Science City, Ahmedabad

- Site analysis, feasibility study and simulations of the anticipated development in and around science and technology park. Land-use Plan for the Science and Technology Park (area 350 hectares). Stress on overlays of density distribution, open space network, road & transportation network, amenity distribution, street sections and built form. Urban Design Guidelines for built environment, anticipating the nature of ancillary institutions required due to science city. Master Plan highlights interlinking of water bodies through green and open space corridor.



### Master Plan for the Impact of Science City on Surrounding Development, Ahmedabad

- Simulation of the nature of transformation on surrounding development due to the impact of development of science city. Development Plan proposal for surrounding area of science city covering approximately 3000 hectares and taking account of topography, road and transportation network, density distribution, amenities distribution, open spaces network. Urban design guidelines and development control mechanisms and design demonstration.



### Damage Assessment of 26 earthquake affected villages of Bhachhau District

(Commissioned by Government of Gujarat)

with Utpal Sharma

- Reconnaissance survey of the 26 earthquake affected villages. Documentation of damages and enlisting the requirement of the villages particularly social amenities. Capacity Building and Counselling of villagers for rehabilitation and reconstruction.



### Rehabilitation of Social Amenities in 26 earthquake affected villages, Bhachhau District

(Commissioned by Council of Indian Industries, CII)

- Primary study of village plans and identification of plots for development of social amenities. Design of primary health centre, primary school, secondary school, aanganwadi, goushala, water supply network in the villages. site supervision for execution.



**Yashodhadham, Rehabilitation of earthquake affected Nani Chirai Village, Bhachchau**

- Primary survey of old village and physiographic analysis of relocation site. Program formulation, Master plan and development guidelines for Yashodhadham (area of 14 hectares and target group of 289 families). Architectural design and supervision of dwelling units and social amenities. Infrastructure planning for water supply, drainage network and street lighting.

**Building Status Assessment of earthquake affected structures in Ahmedabad**

(Commissioned by Ahmedabad Municipal Corporation)

with R.J. Shah

Assisted building retrofitting experts in preparation of format to categorize building damages, house to house survey of damaged buildings, interaction with victims, data input & conduct mass awareness program on construction techniques.

**Urban Development of Theerapatham, Trivandrum**

(Commissioned by Dept. of Tourism, Government of Kerala)

with Utpal Sharma

- Conceptual Plan Development. Identify the development trends of Trivandrum city and assess the role of 15 kms. stretch of sea front and 2 kms deep into the main land. Development Plan for institutional zone at Akkulaum lake, zonal business district and tourist zone at Kovallum beach area. Development of inland waterways, nodes of canals for public spaces.

**Dwarka Urban Design Initiative, Dwarka**

(Commissioned by Gujarat Pilgrimage Board)

with Minakshi Jain

- Reconnaissance study of city of Dwarka. Recommendations for improvement and generate measures for growth of tourism. Identifying projects and proposal for phase wise development. Urban design demonstration of pilot projects. Coordination with concerned institutions and supervision for execution of pilot projects.

**Redevelopment of Gomti ghat and Chappan sidi, Dwarka ( Initiative – I)**

- Development of ghats is a renovation work and specific details are worked out for execution. Stress was to accommodate the encroachment by several priests, identifying appropriate ghat design to tackle back- water, and coordination with the funding agency.

**Dwarkadhish Temple Precinct Development, Dwarka (Initiative – II)**

- Design Proposal for Improvement of the Physical Environment of the Dwarkadhish temple precinct. Stress was on a sensitive approach towards upgradation of the temple precinct to meet the current requirements and yet restore the sacredness.

**New Approach Road development, Dwarka (Initiative – III)**

- Design Proposal for land reclamation for promenade along Gomti river for direct approach to the temple. Design for the facilities that are identified for the approach road, such as information centre, parking, toilets and guest houses at the entrance. Guidelines for edge transformation. Restoration of HariKund and create a continuous passage to Gomati Ghat.

**Development Strategies for 5 towns in Suarashtra region, Gujarat**

(Commissioned by Gujarat Municipal Finance Board)

with PVK Rameshwar

- Conceptual Development. Study of 5 Suarashtra towns (Junagadh, Somnath, Porbandar, Palitana & Dwarka) with stress on present status, the development trends & strategies. Report for each city, identifying specific areas & necessary projects to develop the infrastructure & tourist potential of the place with proposed recommendations & broad cost estimate.

**Rapid EIA of Sabarmati River Front Development (SRFD) Project, Ahmedabad**

(Commissioned by Sabarmati River Front Development Corporation)

Dr. Sudha Goel

- Survey of existing Public Institutions and other land uses in the SRFD influence area and study of existing physical, environmental, social and economic status. Land Use Analysis with stress on nature of transformation & potential/ conflict due to implementation of SRFD project.

**Environmental Assessment & Physical Development of Veraval Harbour Area, Veraval**

(Commissioned by Gujarat Ecology Commission)

with Shivanand Swamy

- Primary survey, Development Proposal for the physical improvement of Veraval- Patan town. Identification of projects and proposal for phase wise development. Conceptual planning for development of pilot projects. Coordination with institutions and public awareness campaign.

**Veraval Port Improvement Plan, Veraval**

- Rapid Environment Impact Assessment of harbour and fish processing (industrial) area. Improvement plan for the port including conceptual plan for aquarium. Improvement of living conditions of the fishermen and awareness campaign for fishing, fish productivity and general hygiene. Advocacy to implement Common Effluent Treatment Plant for fish processing units.

**Somnath Temple Area Upgradation, Patan**

- Conceptual plan of Somnath Temple precinct. Master plan of approach road and beach area development. Planning and Design guidelines and preparation of report.



#### **Lighthouse Beach Area Development, Veraval**

- Feasibility, Conceptual plan and development guidelines for city level recreation. Master plan proposal for beach development. Design and supervision for execution.

#### **Development of Somanth Talav, Patan**

- Environmental up-gradation plan for the lake and its surroundings. Capacity building, awareness campaign and assistance in fund management. Detail design and supervision for execution.

**At Modi Associates as Urban Design Consultant**



#### **Ninama Housing for Earthquake Rehabilitation, Sayla, Surendranagar**

- Master plan, Architecture and construction of earthquake resistant buildings at a relocated site of 11.5 hectares for earthquake affected 335 village families. The main exercise was to rehabilitate the villagers in the most traditional yet fastest way possible. The village plan and house plan were generated with number of interaction with the villagers.

**At Urban Development Group as Senior Architect**



#### **Panchvati Housing, Indore**

Associated to Kiran Gandhi

- Master plan and Architecture of residential scheme of 254 plots. Design and development of basic infrastructure at plot level and common amenities like club house, parks and gardens. It was the first township development at Indore.



#### **Sustainable Building in Farm House, Bopal**

- Site plan and Architecture of farm house using the concept of building in nature. The highlights are sustainable building using traditional low-cost construction, structural innovation, lighting conditions and recycle/reuse of waste water.



#### **Abhiyaan Apartments, Ahmedabad**

- Architectural layout of one studio apartment with 54 units. The highlights are structural innovation and efficient spaces inside the unit and in the circulations. The building was acknowledged during earthquake due to its structural system.

**At Stein, Doshi and Bhalla as Assistant Architect**



#### **Bharat Diamond Bourse, Bombay**

Associated to Dr. B.V. Doshi

- Assistance in preparing landscape master plan. Translating landscape concepts into workable designs. Report making and preparation of presentation drawings. Research of case studies on diamond bourses. The project is on hold for some reasons.



#### **Khargar Node Bombay and Bandra Kurla Complex, Bombay at Vastu Shilpa Foundation**

- Assistance in preparing land use planning and developing urban design guidelines. Report making, model making. Winning entry for Prime Minister's Award for New Urban Planning

#### **Bandra Kurla Complex, Bombay**

- Assistance in preparing landscape master plan, design development plan drawing, report making and preparation of presentation drawings. Research of case studies on business districts and urban design guidelines. Compilation of case studies on business districts.



**Architectural Internship**



#### **Interior Design for Gandhi Medical College, Goa**

At Design at M/S Shree Architects, New Delhi (Aug-Sep'1994)

- Documentation of Medical College premise. Conceptual design preparation of college interior with stress on material selection, flooring, lighting and painting.



#### **Conservation/Renovation of Nagaur Fort, Nagaur, Rajasthan**

At M/S Jain Associates Ahmedabad (Jan-Mar'1994)

- Documentation of Nagaur Palace-Fort complex, also called the Ahhichatragarh Fort. Renovation plan to convert it into palace Hotel and Museum. Preparation of report. Promotion of the renovation plan in Nagaur festival and Royal Camp organized in the palace- fort complex.

#### **Civic-Cultural Centre, Bidhan nagar, Calcutta**

At M/S Kothari Associates, Calcutta (Aug-Sep'1993)

- Preparation of conceptual Master plan of Civic-Cultural Complex. Architectural design of auditorium and amphitheatre. Presentation drawings and report making.



#### **Family Residence, Indore**

At M/S K.V.Natu Associates, Indore (Jan-Feb'1993)

- Architectural Design of residence with stress on natural lighting and ventilation. Site planning and landscape design. Working drawings for execution and site supervision.





## COMMUNITY ACTIVITIES

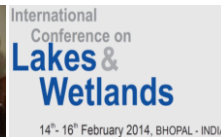
### at Eco Development and Research Cell as Member



- **Walk the Lake, Talk the Lake.** Organise with the students and local children awareness on the value of lakes and what must people do. Speakers are invited to share their experiences with the students and children. A walk is organised to a poor condition lake and a good condition lake to discuss what citizens can do both ways.



- **Urban Lake Campaigns.** Involved regularly in community awareness programs related to protection and conservation of urban lakes. The activities involve direct interaction with the community, participating in lake related events, educational posters, speeches, etc. Actively involved in urban lakes issues of cities like Indore, Bhopal, Ajmer, Jaipur, Ahmedabad, etc. Collaborated with lake activity groups at other cities like SOUL Hyderabad, JSS Udaipur, EESRO Bhuj, EPCO Bhopal, etc. Setting up a lake concerning people's group in Ahmedabad, a Facebook page and a Wikipedia page on Urban Lake.



- **Save the Thaltej Lakes Campaign.** The Thaltej lakes located in my neighbourhood are near extinction. The ongoing campaign is to convince the urban local body to clean and conserve the lakes towards developing a public space and to make the local community aware and awakened towards the protection of the lakes. It started with a Puja and a Signature campaign to Save Thaltej Lakes which was submitted to the Authority. This is followed by a number of activities such as, few children workshops on vision for the Thaltej, a Bachelors Architecture and Urban Design Studio conducted on the same, etc. The works are shared with the local community. There is a plan of plantation around the lakes and a walkathon with children for cleanliness awareness among the local community.



- **Water and Wastewater Campaigns.** Involved from time to time on issues related to awareness on water and waste water with various government and non-government organisations.



**The Udaipur Declaration 2015: Healthy River, Healthy People**

**The Issues**

Indian cities are growing and by 2030 will hold more than half the population will dwell and create even more peri-urban agricultural land, produce larger volumes of wastewater used for growing food and unless treatment improves will have an even greater impact on the health of rivers, lakes and groundwater than it does today. Currently it is underappreciated that untreated wastewater contains harmful organisms that lodge on food crops grown with wastewater and contaminate food that is in contact and not boiled before eating. Furthermore the salt, metals, nutrients and organic chemicals present in wastewater also harm rivers and soils, and if unchecked will render land unproductive, pollute groundwater, and make rivers and lakes filthy, dirty and unsafe.



- **Cleanliness Campaign.** Involved regularly in community awareness programs related to clean environment including events on World Water Day, World Environment Day, World Wetland Day, Independence Day, Republic Day.



### With Other Organisations as Volunteer



- **Save Mansagar Campaign.** Involved in conservation awareness activities of Mansagar Jaipur through various activities and associations that includes Annual Birding Fair with Tourism and Wildlife Society of India; save Mansagar Campaign with JalMahal Resorts Pvt. Ltd., ; PhD paper; Reaction paper on the High Court Judgement. Later involved in drafting the Rajasthan Lake Development Bill.





- Jan'- - Volunteer, Damage Assessment of Earthquake affected 26 villages in Bhachhau, at CEPT.  
 Oct'2001 - Volunteer, Damage Assessment of Earthquake affected buildings in Ahmedabad, at CEPT.  
 Nov'2000 - Coordinator and Volunteer, 'Cyclone Relief Work at Orissa' from CEPT.

## EXTRACURRICULAR ACTIVITIES





**-Academic Counselling.** Is a regular activity for higher education, research, PhDs, fundings, etc. Also organising learning events like paintings, debates, campaigns.





**-Socialising.** Cooking is a meditation time when I plan my activities. Besides investing time and energy in home-made food is part of my healthy living. Potluck, Working Meals, and International Food Evenings are regular ways of socialising with friends.





**-Yog Practice and Preaching.** Yog every day is part of life. Sun Salutation and Breathing exercises are my picks. Conducted Yog classes at Erasmus University Rotterdam (2010-11-12). A State Champion at Gujarat State Level Yog Competition, Ahmedabad (2003-04-05). Also practice Spiritual Counselling and **Reiki** for individuals.





**- Sketching and Stitching.** Making greeting cards, pot paintings, collage making. I also do Stitching and Knitting regularly and keep my mother's skills continue.  
*Though a Social person, I'm my Best Friend.*





## Personal Details

- Languages** - Hindi, English, Bengali, Gujarati, Dutch
- Music** - Hindi classical vocal from Akhil Bhartiya Gandharva Mahavidyalaya Mandal, at Manav Mandir Ahmedabad.
- 1999-2004
- Favourites** - Travelling, Documenting, Biographies, Sketching.
- Membership** - Council of Architecture, International Association of the Study of the Commons, IASC; Netherlands Institute of Governance, The Netherlands; Water Links, Centre for Science & Environment, Delhi; Save our Urban Lakes (SOUL) Hyderabad.
- Cultural Exposure** - Lived in - India: Ahmedabad, Mumbai, Bhopal, Gwalior, Bilaspur, Guna, Kolkata, Delhi  
 - Abroad: Phoenix, Kyoto, Rotterdam, Cambridge, Bloomington, Cape Town, Dubai
- Travel** - Visited and Networked socially-professionally over 100 cities in India and Abroad
- Date of Birth** - June 14, 1972
- Family** - Born to- Late Shri Dilip Kumar Bal and Shrimati Anuradha Bal  
 - Married to- Ar. Akshay Bhargava
- Address** - Home: A7-201, La Habitat, Hebatpur Road, Thaltej, Ahmedabad-380054, India  
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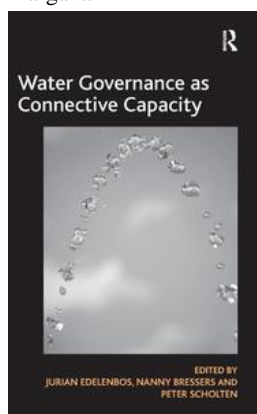
Cover page of PhD Thesis (Bal, 2015) to be republished as a book with Springer Japan (2019)

The artwork portrays a life cycle of an urban lake as well as life of an urban lake in India.

The lifecycle is shown in four parts starting from bottom right in anticlockwise direction and shows how life of a lake traversed in time from traditional rural settlement to modern urban settlement with its use being worshiped (utilitarian), enjoyed (aesthetic), misused (reclaim), and abused (ignore). Interestingly, the four aspects of lifecycle are evident in most lakes today, thus projecting its life as of today.

Pen and Pencil Sketch ©Mansee Bal

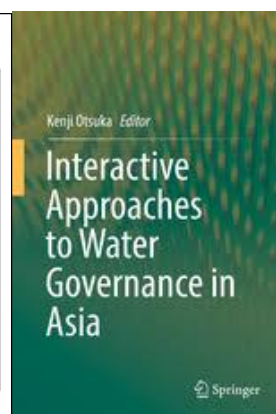
Bhargava



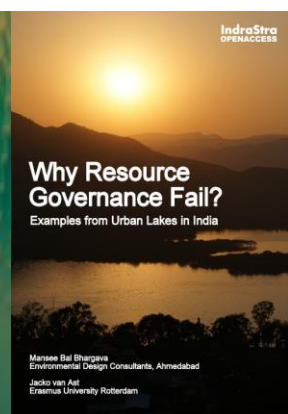
Book Chapter (2013),



Book (2015),



Book Chapter (2018),



(Frmng)E-Book (2019)

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