

Anagal Vaishali Mangesh

**B. Arch, M. Tech. (Town and Country Planning), Ph.D.
Associate Professor, Dr. B. N. College of Architecture,
Karvenagar, Pune-411052**

Email: vkjere@gmail.com, vaishali.anagal@bnca.ac.in

Contact no: +91 7722040321

Educational Qualification

Ph.D. in Architecture, August 2022, Savitribai Phule Pune University

Topic of the research: Investigating Factors Affecting Architectural Aspects of Residential Redevelopment.

Master of Technology in Town and Country Planning, Department of Civil Engineering,
Government College of Engineering, University of Pune, India [2004-2006], with Distinction

Bachelor of Architecture, Shivaji University, Kolhapur, India [1995-2000], with first class

Professional Associations

Registered member of Council of Architecture **CA / 2001 / 28097**

Associate Member of Indian Institute of Interior Designers **:IIID AM –1843**

Approved University Teacher: **Approval no.-Cco/App/192 w.e.f. 13/08/2007**

Professional Experience

Designed and executed various Architectural and Interior Design projects as a free-lancer- 2003-till date
Assistant Architect & interior designer for 3D Architects & interior designers, Erandwane, Pune, India (Aug.
2002 to Sept. 2003)- 1 year, 1 month

Assistant Architect & interior designer for Axis Associate, Paud Road, Pune, India (Jan.2001 to July 2002)-
1 year, 7 months

Teaching Experience – 18 years

Associate Professor, Dr. Bhanuben Nanavati College of Architecture, University of Pune, India, Pune (June
2007 till date) – 16 Years

Visiting lecturer in Bhanuben Nanavati College of Architecture, University of Pune (June 2005 -Apr. 2007)
– 2 Academic years

Visiting lecturer in Marathwada Mitra Mandal's School of Interior Design, Pune
(June 2005-Mar. 2007) - 2 Academic years

Research Interests

Housing, Redevelopment, Residential Satisfaction and Place Attachment, Urban Design, Urban Planning,
Adaptable Reuse, Reuse and Recycling of materials, Designing for Adaptability and Disassembly, Open
Buildings etc

Awards:

Received MASA best teacher award under the category of '**Best Teacher for Architectural Technology**' in
Dec. 2016

Received '**Best Paper Presentation Award**' during the 4th World Construction Symposium at Colombo, Sri
Lanka organized by Ceylon Institute of Builders, 12th- 14th June 2015

Research Projects:

A two year-long research project titled 'Industry-Academia Cooperation for Sustainable Built Environment
Ecosystem' funded by British Council and in collaboration with Liverpool John Moores University, UK, as an

academic partner, Pune Construction Engineering Research Foundation, Pune and Rohan Builders Pvt. Ltd as industry partners between Nov 2022 and Nov 2023.
Project website: <https://www.iacbe.bnca.ac.in/>

A year-long research project titled 'Urban Renewal Schemes in Core Cities: Is the Current Model of Cluster Redevelopment a Best Fit in Core Areas?' funded by Council of Architecture, India under Urban Studio Research Project, 2021-23

Research grant awarded by Board of College and University Development, Savitribai Phule Pune University, for a two year project on 'Developing a prototype of housing unit designed for Adaptability and Dis-assembly in Indian Context' under University Research Grant Scheme, 2014-2016

Appointments:

Research Advisory Committee member (Internal) for Research guidance to candidate in Dr. Bhanuben Nanavati College of Architecture Research Center.

Publications:

Vaishali Anagal and Abhijit Natu; Identifying factors shaping architecture of residential redevelopment - application of factor analysis model in architectural research, *Advances and Applications in Statistics* 90(2) (2023), 161-188. <http://dx.doi.org/10.17654/0972361723068>

Vaishali Anagal, Anupa Manewa, Mohan Siriwardena, Sujata Karve, Sharvey Dhongde and Pooja Ghorpade; Apprenticeship Scheme as a Sustainable Mechanism to Bridge the Skills Gap in Indian Construction Industry, Chitkara University Doctoral Consortium- an International Doctoral Consortium, 3-4 Nov.2023

Vaishali Anagal, Abhijit Natu, Punarvikasasambhadhiche Shaskiy Dhoran- Niyamavalimadhe Badal ani Avhane, Second State level conference in Marathi Language on Architecture organized by Directorate of Technical Education and BKPS College of Architecture, pages 5-9, 27 Feb. 2023, ISBN-978-93-5780-547-6

Vaishali Anagal, Deva Prasad; The Use of Virtual Reality and Neuro-feedback Technology in Architectural Academia, National Conference on Built Environment and Beyond: Theory and Practice, organized by Dr. B. N. College of Architecture, Pune, Pages 47-54, 18-19 Oct 2022, e- Book ISBN 978-81-955887-1-8,

Vaishali Anagal, Paryavaran purak ghare bhandhanyache paryayi tantragyan ani shaharat bhandhkam karnyatil avhane, State level conference in Marathi Language on Architecture organized by Directorate of Technical Education and BKPS College of Architecture, pages 122-132, 27 Feb. 2022

Vaidehi Deshpande, Vaishali Anagal, Measuring Walkability- Analysis of Institutional Campuses, *Journal of Advances and Scholarly Researches in Allied Education (JASRAE)*, Vol. 19, Issue No. 6, December-2022, ISSN 2230-7540, Pages 328-334

Saima Sheikh, Vaishali Anagal, Understanding the thermal performance of slum rehabilitation projects in Pune, *Journal of Advances and Scholarly Researches in Allied Education (JASRAE)*, Vol. 19, Issue No. 6, December-2022, ISSN 2230-7540, Pages 130-134

Chaitali Joharapurkar, Vaishali Anagal, Mixed Used Land Development in Core City of Pune, *Journal of Advances and Scholarly Researches in Allied Education (JASRAE)*, Vol. 19, Issue No. 6, December-2022, ISSN 2230-7540, Pages 56-59

Vaishali Anagal, Abhijit Natu, Deciding to Redevelop: Residents' Perspective on Residential Redevelopment, An Online National Conference on Practice: Engrossed Paradigm towards Architectural Research – 2021, organized by Trinity College of Architecture, Pune, Maharashtra

Maithili Potnis, Vaishali Anagal, Association of the Users with the Courtyard Buildings, An Online National Conference on Practice: Engrossed Paradigm towards Architectural Research – 2021, organized by Trinity College of Architecture, Pune, Maharashtra

Darshana Deokar, Vaishali Anagal, Effect of pre-treatment of sawdust on the setting time of Sawdust Concrete, An Online National Conference on Practice: Engrossed Paradigm towards Architectural Research – 2021, organized by Trinity College of Architecture, Pune, Maharashtra

Priyanka Dharmadhikari, Vaishali Anagal, Need and Feasibility of Adaptive Reuse of Industrial sheds, National Students conference on Research In Architecture 2021, DYPSOA, Lohegaon, Pune, 7-8 May 2021

Neha Dandwate, Vaishali Anagal, Feasibility of Concrete Roads in India, National Students conference on Research In Architecture 2021, DYPSOA, Lohegaon, Pune, 7-8 May 2021

Sanika Pandit, Vaishali Anagal, Comparative Study on Factors Affecting Residential Satisfaction In Cosmopolitan And Old Core Areas Of Pune City, National Students conference on Research In Architecture 2021, DYPSOA, Lohegaon, Pune, 7-8 May 2021

Nupur Bohara, Vaishali Anagal, Study of Effect of Open Spaces on The People Living In Housing Societies And Their Sense of Well Being, National Students conference on Research In Architecture 2021, DYPSOA, Lohegaon, Pune, 7-8 May 2021

Drishti Nahar, Vaishali Anagal, Traditional and Modern Architecture: Replace or Co-Exist!, National Students conference on Research In Architecture 2021, DYPSOA, Lohegaon, Pune, 7-8 May 2021

Vaishali Anagal, Abhijit Natu, Decision Making Model of Residential Redevelopment: A Multi-Disciplinary Perspective, International Journal of Architecture, Engineering and Construction, Vol 9, No 4, December 2020, Pages 1-12, ISSN 1911-110X [print], ISSN 1911-1118 [online], <http://dx.doi.org/10.7492/IJAEC.2020.036>

Drishti Jain, Vaishali Anagal, A Survey on People's Opinion About Smart City Initiative in Aundh Area, National e-Conference on Empirical Theories NCET-2020, ACOA, Pune, 7-8 August, 2020

Netrali Adhav, Vaishali Anagal, The Effect of Neighbourhood Characteristics and Amenities on the Property Value, National e-Conference on Empirical Theories NCET-2020, ACOA, Pune, 7-8 August, 2020

Preet Kulkarni, Vaishali Anagal, Mechanized Parking in Redevelopment Projects- Utility and Other Issues, National e-Conference on Empirical Theories NCET-2020, ACOA, Pune, 7-8 August, 2020

Vaishali Anagal, Abhijit Natu, Process of Residential Redevelopment: A case of an Indian City, National Level Conference 2020- 'Envisioning India 2050', Sinhgad College of Architecture, Pune, 23-24 Jan, 2020

Vaishali Anagal, Anupa Manewa, Vasudha Gokhale, Dharati Sote, Adaptability Potentials of Existing Residential Buildings in India , International Journal on Emerging Technologies, ISSN No. (Print): 0975-8364, ISSN No. (Online): 2249-3255, 2017

Vaishali Anagal, Sharvey Dhongde, Container Housing- Opportunities and Challenges, International Journal on Emerging Technologies, ISSN No. (Print) : 0975-8364, ISSN No. (Online): 2249-3255, 2017

Vaishali Anagal, Vasudha Gokhale, Dharati Sote, Adaptable Buildings for Smart City Agenda in India, National Conference on Architecture and Beyond, 7- 8 Jan 2017

Vaishali Anagal, Sharvey Dhongde, Exploring Flexibility in Urban Housing in India, National Conference on Architecture and Beyond, 7- 8 Jan 2017

DharatiSote – Wankhade, Anagal Vaishali, Environmental Product Declaration- A tool for Building Material Selection to minimize its Environmental Impact, International journal of Advanced Technology in Engineering and Science, ISSN 2348-7550, Vol4, Issue 10, October 2016,

Anagal Vaishali, Dharati Sote, Sharmishtha Ruikar, Vacant Buildings in infrastructure projects-Strategies for reuse, The 4th World Construction Symposium 2015, Colombo, Sri Lanka, June 12–14, 2015.

DharatiSote – Wankhade, Dinesh Bhonde, Rahul Nawle and Vaishali Anagal, Optimizing energy through on-site reuse and recycle construction waste in residential project – A Case Study of Pune, 30th International PLEA Conference (PLEA 2014) on Sustainable Habitat for Developing Societies, December 15-18, 2014 organized by CEPT, Ahmadabad, India

Anagal Vaishali, Atnurkar Kanchan, Nagarkar Geeta, Patel Anisha, Construction and Demolition Waste Management with reference to case study of Pune, Twenty-eighth National Convention of Civil Engineers & National Seminar on “Role of Infrastructure for Sustainable Development”, organized by Institute of Engineers, India, Roorkee, October 12-14, 2012

Anagal Vaishali, Learning Building Technology through Self-experiences, State level conference ‘Teaching of Building Technology and Services in Architecture, organized by BKPS college of Architecture, Pune, India, 25th and 26th February 2011.

Anagal Vaishali, System approach towards solving the problems of our cities, International Conference Healthy cities- perspective of Asian concern, organized by BNCA, in 3, 4 & 5 February 2011.

Anagal Vaishali, Gokhale Vasudha, Darvekar Gandhali, Bamboo Construction- Learning Through Experiences, Journal of Council of Architecture, March 2010, Vol. 10, Issue 3

Anagal Vaishali, Sustainable Urban Solid Waste Management – a case study of Pune, 10th National Conference on technological trends organized by College of Engineering, Trivendram, Kerala, November 2009.

Anagal Vaishali, Impact of Globalization on Town Planning, first Conference for teachers ‘Innovation 2007, Savitribai Phule Pune University, 2007.

Anagal Vaishali, Role of NGOs, Public and Private Partnership for Infrastructure Management, National Seminar on ‘Infrastructure Management for New World Order’ organized by Madhav Institute of Technology and Science, Gwalior in December 2007.

Administrative responsibilities:

Academic-Admin coordinator at BNCA since 2016 till the date

Coordinator, BNCA Nodal center of outreach program by IIRS, ISRO since May 2021

Head, Department of Building Technology since June 2009 till 2019

Academic Coordinator, B. Arch between June 2013- May 2016

Teaching Activity:

National mentor, qualified under National Initiative of Technical Teachers Training for mentoring newly joined teachers in academics.

Subject Chairman (October 2022), Architectural Design VI (Housing Studio), University of Pune

Subject Chairman (June 2012-March 2013), Paper Setter and Examiner, Building Technology and Materials III, Building Construction and Materials IV, University of Pune, (June 2012-2018)

Subject Chairman, Building Technology and Materials, Syllabus Committee 2015 pattern, Board of Studies, Architecture-Engineering Faculty, University of Pune

Committee member, Building Technology and Materials, Syllabus Committee 2019 pattern, Board of Studies, Architecture-Engineering Faculty, University of Pune

Subjects taught:

Architectural Design, Housing and Urban Design Studio, Fourth year

Town Planning/Urban Studies, Fourth year

Research in Architecture, Third year and Fourth year

Architectural thesis, fifth year

Socio-Economic aspects of planning, M. Arch (Environmental Architecture)

Building Technology and Materials, First to Fourth year

Invitations:

Invited as an Internal Subject Expert for the Progressive Review of one of the candidates pursuing doctoral programme in BNCA Research Center on 28th July 2023

Invited as a speaker and a panelist to talk on **What Role for NGOs and CSOs in Next Level PPPs?** on 15th June 2021 in the Annual Congress scheduled between 14th June and 16th June 2021 organized by World Association of Public Private Partnership, Geneva, Switzerland

Invited as a resource person at D. Y. Patil College of Engineering and Technology, Kasaba Bawada, Kolhapur, for conducting a session on 03rd Dec. 2019 in **Teachers Training Program conducted by Council of Architecture on 'Integrating effective and innovative methods for technical subjects in Architectural curriculum'** held between 02nd to 06th Dec 2019.

Invited as a resource person at Appasaheb Birnale College of Architecture on 2nd Nov 2019 for conducting a session on **'Mass Housing'**

Invited as a resource person at Teachers' Training program in association with Council of Architecture Training & Research Centre (COA-TRC), Pune the academic wing of Council of Architecture, New Delhi, on **"Innovative Teaching Methods of Technical Subjects in Architecture Curriculum"** scheduled from 3rd September to 7th September 2018, at MIT School of Architecture, Loni Kalbhor, Pune.

Invited as a resource person at Appasaheb Birnale College of Architecture on 28th Feb 2018 for conducting a session on **'Adaptable Buildings'**

Invited as external examiner at various institutes in Pune from Savitribai Phule Pune University, MIT, COEP and Bharati Vidyapeeth College of Architecture, Pune for various subjects

Workshop and activities:

Mentor, New Urban Inserts: Old Morphologies, an International design workshop organized by Dr. B. N. College of Architecture, Pune and Utah University, USA, between 19th Oct and 30th Oct, 2020

Mentor, See: Our City Global Classroom, an International design workshop organized by Dr. B. N. College of Architecture, Pune and Thomas Jefferson University, USA between 31st August and 15th Sept, 2020

Coordinated and conducted BOS Online Workshop for BCM III and BCM IV for new SY BArch 2019 syllabus on 13th June 2020

Coordinated and conducted a Joint Urban Design workshop between BVCOA, Kharghar and BNCA, Pune between 04th Jan 2020 and 10th Jan 2020

Coordinated and conducted an Orientation Programme for Revised Syllabus Pattern 2019 (initiated by BoS SPPU) on Building Construction and Materials, Sem I, Sem II at BNCA on 27th July 2019

Coordinated Zonal Jury of Council of Architecture for Zone III at BNCA for National Competition for Excellence in Architectural Thesis, 26th and 27th July 2017

Coordinated Faculty Training Program for Building Technology Teachers between 11th to 12th and 18th July 2017

Worked as facilitator in the workshop on 'Membrane Structures', a collaborative initiative between BNCA and Institute for Membrane and Shell Technologies, Anhalt University, Dessau, Germany, 23th and 14th February 2017

Mentor, A workshop titled 'Our City- Our river' on eco-Socio culturally sensitive development a Collaborative initiative between National University of Singapore and BNCA, 5th to 15th July 2016

Facilitator, a workshop on Emergency Shelter Design, a collaborative initiative between United Nations Academic Impact, Demola Budapest, BNCA and Green Contributor Inc. Canada, 4th and 5th March 2016

Headed design project of renovation of Mahatma Phule Industrial Museum during 2015-16, Client- Maharashtra Industrial Development Corporation

Member, Organizing Committee, International Conference on 'Healthy Cities-Perspective of Asian Concern' organized by BNCA, 3- 5 February 2011.

Member, Charter committee of International conference on 'Healthy cities- perspective of Asian concern organized by BNCA, 3- 5 February 2011.

Mentor of students' group working on completion titled 'healthy cities- healthy rivers' as part of international conference organized by Dr. B. N. College of Architecture, Pune

Organized a day workshop for 3rd and 4th year students on "long span structures" in Dr. B. N. College of Architecture in 2010

Organized 3 Day workshop on "Brick bonds" for FY students at MKSSS campus for the construction of compound wall for MKSSS canteen in 2010

Member, organizing committee, National conference on 'Moving towards green design' organized by BNCA, AESA in association with PMC and Synefra in 2009.

Organized 3 Day 'Arches, Vaults and Domes workshop' for FY and SY B. Arch (ID and GEN) students at MKSSS campus which was guided by Ar. Rahul Rawat in 2009

Organized and guided Bamboo workshop for FY and SY B. Arch (ID) at Bhargav Fibers Shedhani which was guided by MR. Shrinivas Khare in 2007

Teacher's Training Programmes and Professional Trainings:

NITTT's Mentor Training Program, organised by National Initiative of Technical Teachers Training and research, Chandigarh between 1st and 5th Feb, 2021

'Visual Research Methods in Architecture' organized by B. K. P. S. College of Architecture in collaboration with COATRC, Pune, between 18th and 22nd May 2021

Hands on workshop on 'SPSS applications in Data Analysis' conducted by PhD chamber of commerce and industry, New Delhi between 28 July and 6th August 2020

Doctoral Research Orientation Program (DROP), organised by Savitribai Phule Pune University between July 9 and July 17, 2020

'Scientific Writing, Publication Ethics and SPSS Analysis' organised by Rai University, Ahamadabad, 21-22 Sept 2019

'Vastu-sastra: in Design Application' organised by COATRC, Pune between 19-23 March, 2018

'Research Methodology Workshop' organized by Dr. B. N. College of Architecture, Pune , 24 Nov. 2016

'Research Methodology Workshop' organized by Dr. B. N. College of Architecture, Pune , 22nd Oct. 2016

'Research Methodology Workshop' organized by Dr. B. N. College of Architecture, Pune , 16th July 2016

'PhD Research Thesis Writing' organized by Dr. B. N. College of Architecture, Pune , 30th Nov-4th Dec 2015

'Research Methodology Coursework Workshop' conducted by Dr. Abhijit Natu, organized by Dr. B. N. College of Architecture, Pune , 19-21 Oct 2015

'Research in Architecture', National Institute of Advanced Studies in Architecture, 07-11 July 2014
Training Programme for professionals on 'Reforms-Inspection of Architecture colleges' on 29th March 2014 organized by Council of Architecture and Indian Institute of Architects

'National Symposium on Doctoral Studies in Architecture', organized by Dr. B. N. College of Architecture, Pune , under Quality Improvement Programme, University of Pune, 21st to 24th Dec. 2013

'Research Methods and Techniques in Architecture', National Institute of Advanced Studies in Architecture, 09-13 December 2013

Workshop on 'Designing Street Spaces with People', organized by Center for Environment

Education, Parisar, SUM Net, BNCA and Curtin University, 16-17 October 2013

'Advanced Training on IGBC Rating systems' organized by Indian Green Building Council during 13rd and 14th September 2012

'Green Buildings' organized by Dr. B. N. College of Architecture, Pune, 2-3 July 2012

Attended Faculty Training Program organized by BNCA between 27th to 29th May 2010

Workshop on 'Scope and significance of Town Planning in Architectural Curriculum' organized by BKPS college of Architecture, Pune under 'Quality Improvement Programme', 26th February 2010

'Architectural Science and Building Energy Simulation' organized by National Institute of Advanced Studies in Architecture, United States Agency for International Development, Bureau of Energy Efficiency, APP on Clean Development and Climate Initiative, 19th -23th January 2009

National Programme for Capacity Building for Architects in 'Earthquake Risk Management' organized by Ministry of Home Affairs, National Disaster Management Division, Government of India and Dr. B. N. College of Architecture, Pune, 29th Aug-3 Sept. 2008

'Legislation and Architectural Profession', organized by National Institute of Advanced Studies in Architecture, 25th -27th August 2008