

Curriculum Vitae

PERSONAL INFORMATION

Name **Dr. Avanti Bambawale
(Dr. Medha Gokhale)**

Permanent Address **A-704, Ishansrushti,
Warje, Pune 411052,
Maharashtra**

Contact No Mobile: +91-9850757773

Birth Date 07th January 1980



Personal Email **bambawaleavanti@gmail.com/
medha711980@gmail.com**

Institution Email **avanti.bambawale@bnca.ac.in**

Qualification **B.Arch., M.Tech.-Town and Country Planning,
Ph.D.(Architecture)**

Council of Architecture **Registration No.- CA/2002/30330**

ITPI Registration No **2009-024**

PAN No **AKQPG0213P**

ADHAR No **946897182660**

ACADEMICS / EDUCATIONAL QUALIFICATION

Graduation **Bachelor of Architecture (B. Arch)**
(First Class with Distinction) (68.89%)*
Dr. Bhanuben Nanavati College of Architecture,
University of Pune, Maharashtra
June 1997 – April 2002
****Stood 'SECOND' in Savitribai Phule Pune University***
and secured "Ar. J.V. Gandhe Award" awarded by the
Indian Institute Of Architects and Architect Engineers
Surveyors Association (A.E.S.A.)

Post-Graduation **M.Tech in Town and Country Planning**
(First Class with Distinction- 85.90%)
College of Engineering, Pune, University of Pune.
June 2004 – June2006
****Stood 'FIRST' for M.Tech. Degree course and won 'V.N.***

Prasad Best Thesis Award” at National Level Thesis Competition in Town and Country Planning awarded by Institute of Town Planners, India

**Doctor of
Philosophy**

**Ph.D. In Architecture
Savitribai Phule Pune University
May 2010- May 2016**

Title: *Street Space Characteristics with respect to the Pedestrians’ Needs, Case of Pune city, Maharashtra, India.*

- Passed “Graduate Aptitude Test in Engineering” (GATE) with 89.01% in 2004**
- H.S.C.: Passed in 1997 from Abasaheb Garware College, Pune with 88.00%**
- S.S.C.: Passed in 1995 from Pune University, with 85.28%**

PROFESSIONAL REGISTRATIONS

Council of Architecture- Registration No.- CA/2002/30330

Institute of Town Planners, India (ITPI)- Registration No- 2009-024

RESEARCH ACHIEVEMENTS:

Written and Published Book on

- 1. “*A Text Book of Research in Architecture*” in December 2021**
- 2. “*Measuring Walkability*” in October 2024 (Lambert Academic Publications of UK)- flipbook available on https://flipbooks.omniscryptum.com/MEASURING_WALKABILITY.html#page/21**
- 3. Published 5 research papers in UGC approved journals, 1 paper in Scopus Indexed journal and 9 papers in refereed journals**
- 4. Presented and Published 12 research papers in National and International Conferences.**

EXPERIENCES

- Total Teaching and Professional Experience: EIGHTEEN YEARS**

TEACHING EXPERIENCE

A. Worked in SINHGAD TECHNICAL EDUCATION SOCIETY'S **SINHGAD COLLEGE OF ARCHITECTURE, (11 Years)** VADGAON BUDRUK, and PUNE **From 16th August 2006 to 7th September 2017.(11 Years 20 days)**

Worked as

- Assistant Professor from 16th August 2006 to 16th August 2011*
- Associate Professor from 17th August 2011 to 30th November 2015*
- Professor from 1st December 2015 to 7th September 2017.*

B. Worked as **Associate Professor in MARATHWADA MITRA MANDAL COLLEGE OF ARCHITECTURE, (2 Years 1 Month)** Deccan Gymkhana, Pune since 21st September 2017 to 30th April 2020

C. Worked as **Associate Professor in STE'S Smt. Kashibai Navale College of Architecture, Pune (1 Year 11 Months)** from 1st August 2020 to 31st May 2022.

D. Currently working as **Assistant Professor in MKSS's Dr. Bhanuben Nanavati College of Architecture, Pune since 1st June 2022.**

PROFESSIONAL EXPERIENCE –

m/s ARCHITECTS UNITED, Pune

Late Ar. Abhay Sharma and Late Ar. Vijay Ghotge

- **Job specification:** Assistant Architect
- **Duration:** Year 2002-2004
- **Projects:** Worked on residential, commercial, institutional, foreign and planning projects from design development to working drawings and detailing and site supervision.

APPRECIATION LETTERS FOR SPECIAL ACHIEVEMENTS

AWARDS AND ACHIEVEMENTS

- Felicitated as Dr. Avanti Bambawale by **Wide Angle Forum** (for receiving **Ph.D. in Architecture Degree under first batch 2010-2015** of **Savitribai Phule Pune University**)
- Received “**Dr. V. N. Prasad National Best Thesis Award**” from Institute of Town Planners, India, comprising of ‘**Gold Medal**’ for the thesis on “**Aesthetic Consideration in Urban Revitalization: Case of Deccan Gymkhana Area, Pune**” for **M.Tech. Degree** course.
- Received “**Ar. J.V. Gandhe Award**”: Awarded by the Indian Institute Of Architects and **Architect Engineers Surveyors Association (A.E.S.A.)** for ranking **Second** in Pune University for Graduation.
- **BNCA Academic Award**

APPRECIATION CERTIFIACTES

- Letter of Participation in chairing the session in International Conference on Urban Transformation for climate change Adaptation (ICUT 2023) at COEP Technological University, Pune
- Letter of Appreciation as Juror by M.K.S.S’s Dr. Bhanuben Nanavati College of Architecture, Pune for judging AVISHKAR2023 Competition (Inter-University Research Project Competition for UG/PG/Doctoral Students)
- Letter of Appreciation by Sinhgad College of Architecture for efficient coordination in Cultural committee in Sinhgad Karandak and Dandiya in the year 2015.
- Letter of Appreciation for Participation in Ph. D. course work lecture series organized by Ph.D. Cell of Dr. B.N. College of Architecture – Appreciation Center.

WORKSHOPS-SEMINARS ATTENDED / PARTICIPATED UNDER/IN

QUALITY IMPROVEMENT PROGRAM:

1. 2-day Workshop for “**Journal Editors: Best Practices**” organized by **Center for Publication Ethics of Savitribai Phule Pune University** on 23-24th February 2024

2. **Council of Architecture-Teacher Training Program (COA-TTP) on “Architecture Pedagogy as Bridge between Construction Industry Skill and Conventional Theory”-19th to 20th July 2022.**
3. Seminar on “**Understanding the Built Heritage of India**” organized by **HAAC** (Heritage, Art, Architecture, Culture) on 7th December 2020.
4. Workshop on “**Literature Search**” conducted by Center for Publications Ethics of Savitribai Phule Pune University on 11th March 2021.
5. Faculty Development Program on “**Research Approaches in Architecture and Urban Planning**” conducted by College of Engineering, Pune from 14th to 18th December 2020
6. **Introduction to Indian Heritage** conducted jointly by Bhandarkar Oriental Research Institute and Heritage India Communications Pvt. Ltd. The course was conducted over 24 sessions from 26th April 2020 to 19th May 2020 covering various aspects of heritage including literature, architecture, religion, food, science, medicine and natural heritage.
7. **Social Research Methods** by University of Pune (April 2011)
8. **Research Methods and Methodology** conducted by Sinhgad Institute of Management in 2008 and Kashibai Navale College of Engineering, Pune (January 2011)
9. **Teachers Training Program conducted by National Institute of Advanced Studies in Architecture (NIASA), Pune on:**
 - a. Aesthetics, Basic Design and Creativity conducted By Prof. Ar. Pradnya Chauhan, Mumbai and Dr. M.V. Telang, Pune (2007)
 - b. Research Methodology by Prof. Anita Beninger, Pune (2008)
 - c. History of Colonial Bungalows by Prof. Ar. Madhavi & Miki Desai, Ahmedabad (2010)
 - d. Space Syntax Method in Architecture by. Dr. R.K. Pandit, Gwalior (2011)

BCUD RESEARCH PROGRAM OF SAVITRIBAI PHULE PUNE UNIVERSITY:

- Completed research on “**Reinstating public spaces at urban interfaces in transforming urban fabric**” in 2009
- Participated in ‘**INNOVATION 2008**’ and ‘**INNOVATION 2009**’.
- Participated in Zonal Level and Pune University Level Research competition for **Ph.D. in ‘AVISHKAR 2012’** and ‘**AVISHKAR 2015**’, **Research Festival under Engineering and Technology Category held at Savitribai Phule Pune University.**

EXTERNAL APPOINTMENTS: Appointed as:

- Expert Member in the Doctoral Committee of School of Architecture and Interior Design, SRM Institute of Science and Technology, Kattankulathur, Tamil Nadu.**
- Expert Member in the Doctoral Committee of Shivaji University, Kolhapur, Department of Technology**
- Appointed as an Expert nominated by Governing Body and approved by V.C. for Savitribai Phule Pune University Selection Committee for the selection committee at Indira College of Architecture and Design, Pune.**
- External Examiner for B.Plan Thesis and M.Tech. Planning Thesis Jury in College of Engineering, Pune in May 2021, September 2020 and May 2020, December 2019.**

SAVITRIBAI PHULE PUNE UNIVERSITY DUTIES:

- Appointed as Senior Supervisor in B.K.P.S College of Architecture, Pune for 2017-18 AND in Dr. B.N. College of Architecture 2018-19 (First Year-Term-1-End sem exams 2017-2018 from 26th to 29th December 2017 (Appointment Order- 17203468)**
- Appointed as External Examiner and Jury Member for M. Arch. Urban Design in PVP College of Architecture and M.Tech. (Town and Country Planning) Course in College of Engineering, Pune.**

TEACHING AREAS:

- Research in Architecture (Third and Fourth Year B.Arch. and M.Arch.)
- Town Planning and Urban Design/Urban Studies (Fourth Year B.Arch.)
- History of Architecture and Culture (First & Second Year B.Arch.)
- Building Construction and Materials (Third Year B.Arch.)
- Dissertation and Thesis (Architecture Project II)

BOOKS, RESEARCH PAPERS AND CONFERENCE PAPER PRESENTATIONS PUBLISHED IN UGC APPROVED, REFEREED, NON-REFEREED JOURNALS

BOOKS PUBLISHED				
1.	Measuring Walkability	October 2024	ISBN-978-620-6-78720-4	Dr. Avanti Bambawale, Dr. Anurag Kashyap
2	Research In Architecture	December 2021	ISBN 978-93-5593-372-0	Dr. Avanti Bambawale, Dr.Sudhir Chavan
JOURNAL		YEAR	TITLE	
1	Journal of Institute of Town Planners, India- Volume : 21, Number : 3 ISSN:L0537-9679 https://journals.itpi.org.in/coverage/1	July - September, 2024 (UGC)	Challenges Faced towards Planning of Physical Infrastructure for Conservation 48 of Cultural Heritage of River Ghats in Pilgrimage Towns: Case of Haridwar, Uttarakhand, India	
2	Nagarlok –Quarterly Journal of Urban Affairs- Volume 56 Issue 2 ISSN: 0027-7584 https://doi.org/10.32381/NL.2024.56.02.6	April-June 2024 (UGC)	Developing Sidewalk Assessment Tool: Towards Evaluation of Pedestrian Environment in Urban Areas DOI: https://doi.org/10.32381/NL.2024.56.02.6	
3	Journal of Institute of Town Planners, India	February 2024 (UGC)	Analyzing Pedestrian Comfort for Inducing Sense of Place on Urban Streets: Case of Tilak Road, Pune, Maharashtra Acceptance Confirmed	
4	Advances in Computer Science Research (https://www.atlantispress.com/proceedings/icamida-22/125986346-) Scopus Indexed- ISSN 2352-538 X	May 2023 (Scopus)	Understanding the Role of Rhino as a Parametric Tool in Designing Architectural Built-Forms https://doi.org/10.2991/978-94-6463-136-4_18)	
5	International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181 Published by, www.ijert.org	January 2022	Assessing Thermal Effectiveness of Attached Green Terraces in Urban Areas of Pune City	
6	International journal of basic and applied research Volume 9 No- 05	May 2019 (UGC)	Analysing Spatial Quality of Sidewalk Environment With Respect To the Pedestrians'	

	(UGC Approved (64041) (P-ISSN 22493352; E-ISSN 22780505) www.pragatipublication.com https://www.ugc.ac.in/journallist/subjectwisejurnallist.aspx Society of Education and research)		Comfort Needs: Case of Paud Road, Pune, India
7.	JETIR - Journal of Emerging Technologies and Innovative Research (UGC Approved) (ISSN: 2349-5162) https://www.ugc.ac.in/journallist/subjectwisejurnallist.aspx?tid=MjM0OTUxNjI=&&did=U2VhcmNoIGJ5IEITU04=	April 2019 (UGC)	Revitalizing Urban Streets As An Identity Of Interactive Public Place:Case Of Mahatma Gandhi Road, Pune, Maharashtra, India.
8.	International Conference on Emerging Trends In Engineering, Technology And Architecture (organized by D.Y. Patil College of Engineering and Technology, Kolhapur)	March 2017 (Paper Presentation)	Design Concept of New Urbanism For Planning Second Renaissance In Developing Fringes Of Metropolitan Cities: Case Example Of Pune, Maharashtra, India International Journal of Engineering Research and Technology ISSN 0974-3154 Volume 10, Number 1 (2017)-pp-191-195
9.	International Conference on Emerging Trends In Engineering, Technology And Architecture (organized by D.Y. Patil College of Engineering and Technology, Kolhapur)	March 2017 (Paper Presentation)	Traditional Housing Feature In Development Of Rural Built Form: A Spatial Narrative Of A Typical Konkani House: Case of Murud, Dapoli, Maharashtra, India. <i>International Journal of Engineering Research and Technology</i> ISSN 0974-3154 Volume 10, Number 1 (2017)-pp-18-22
10.	'Urban Panorama: A Journal of Urban Governance and Management', Lucknow; MoUD, GOI ISSN: 0975-8534	January-June 2016 Volume I (coauthored with Er. A.Giakwad)	Measuring Walkability Of Pedestrian Environment-Development Of A Sidewalk - Walkability Evaluation Model: Case Of Fergusson College Road, Pune, Maharashtra, India
11.	'Urban Panorama: A Journal of Urban Governance and Management', Lucknow, ISSN: 0975-8534.	July-December 2015 Volume XIV: 53-70	Exploring Correlation of Pedestrians' with the Physical Attributes of the Sidewalk Environment: Case of Pune City, Maharashtra, India'.
12.	Journal of 'Institute of Town Planners, India', (ITPI) ISSN 0537-9679,	July-September 2014, Volume 11 Issue No-3, 61-71	'Development Of Gross Sidewalk Walkability Index As Evaluation Model For Existing Sidewalk Environment And Pedestrians' Comfort Needs In Indian Cities: Case Example Of Pune City, Maharashtra, India,
13.	Indian Journal of Applied Research (ISSN-2249-555X)- Volume-3- Issue 10	October 2013	Need for Qualitative Evaluation Model for Existing Sidewalk of Roads in Indian Cities

14.	Indian Journal of Scientific Research (ISSN-2277-8179) - Volume-2 Issue-11	November 2013	Development of Sidewalk Evaluation Model for Existing Pedestrian Environment in Indian Cities: Case Example of Pune city, Maharashtra, India
INTERNATIONAL CONFERENCE			
1.	International Conference On 'HEALTHY CITIES 2011' conducted by Dr. B. N. C. A.	February 2011	Poster Presentation on "Impact Of Urban Transformation On Quality Of Built Environment: Case Of Deccan Gymkhana Area, Pune"
2.	7th International Conference On Construction, Real Estate, Infrastructure And Project Management (ICCRIP)	August 2023	Applying Walkability Evaluation Tool for Sustainable Pedestrian Environment in Urban Areas
NATIONAL CONFERENCE			
3.	PRCA BOOK OF PROCEEDINGS 2023 - PRCOA-Peri-Urban Architecture and Planning ISBN : 978-81-960313-0-5	January 2023	Bridging The Gap Between Architecture And Common Man
4.	PRCA BOOK OF PROCEEDINGS 2023 - PRCOA-Peri-Urban Architecture and Planning ISBN : 978-81-960313-0-5	January 2023	Public Toilets, Indian Women and Urban Planning –The case of Pune
5.	National Convention on People Centric Urban Governance Centre for Urban Studies: Journal of Indian Institute of Public Administration	December 2022	Developing Sidewalk Assessment Tool: Towards Evaluation of Pedestrian Environment in Urban Areas
6.	MKSS'S Dr .BNCA, National Conference on Built Environment and Beyond: Theory and Practice- ISBN: 978-81-955887-1-8	October 2022	Giripradakshina: An Experiential Spiritual Tourism and its Role in Development of Physical Infrastructure of Tiruvannamali, Tamil Nadu, India
7.	PRCA BOOK OF PROCEEDINGS 2022 - PRCOA-Rural Architecture and Regional Planning ISBN : 978-93-92774-00-3	February 2022	Evaluation Of Usability Of Public Parks In Satara City
8	PRCA BOOK OF PROCEEDINGS 2022 - PRCOA-Rural Architecture and Regional Planning ISBN : 978-93-92774-00-3	February 2022	Importance of Nisarg Sanskar in Formative Years of School
9	National Conference on "Emerging Trends in Architecture and Allied Fields" conducted by Sinhgad College of Architecture, Pune	27-28 February 2014	Paper Presentation on Development Of Sidewalk Evaluation Method For Existing Pedestrian Environment And Pedestrians' Comfort Needs In Indian Cities: Case Example Of Pune City, Maharashtra, India
10.	ITPI- 58TH NATIONAL CONGRESS CONFERENCE, NAGPUR	January 2010	Cities without Slums: Role of existing affordable housing policies in Slum up gradation and

			Urban Poverty Alleviation: An Overview
11.	ITPI-PUNJAB REGIONAL CHAPTER NATIONAL SEMINAR ON: SUSTAINABLE LIFELINES: TRANSPORTATION PLANNING AND MANAGEMENT Gururamdas School of planning, Gurunanak Dev University, Amritsar.	March 2010	Subtheme: Traffic Safety and Environment Title: Control and Protection of Highways: Scenario in Pune city, Maharashtra
12.		March 2010 (combined paper with Ar. Parag Narkhede)	Subtheme: Land use and Transportation Integration Title: Impact of Changing Land use on Transportation system
INSTITUTE JOURNAL/ CONFERENCE			
1.	SCOA MAGAZINE 2009:RESEARCH CELL	December 2009	Emerging Paradigms in City centre shift in City of Pune: Case of Deccan Gymkhana District
2.	Pune University's Bcud Research Program 'INNOVATION2008-09'	December 2009	Reinstating public spaces at urban interfaces in transforming urban fabric
3.	IIA CONVENTION 2009,NAGPUR	November 2009	New urbanism: concept for second renaissance in developing fringes of metropolitan cities
4.	SCOA MAGAZINE 2008: RESEARCHCELL	December 2008	Traditional Indian Streets-A Socio-cultural Expression

□ NATURE OF TEACHING WORK UPTILL THE DATE

A. IN DR. BHANUBEN NANAVATI COLLEGE OF ARCHITECTURE, Pune –

Since 2022

- Teaching subjects of Urban Studies, History of Architecture and Culture, Building Construction and Materials, Research in Architecture, Quantity Surveying Estimation and Specifications, Electives
- Convened BNCA National Conference on “*Built Environment and Beyond 2.0*” in 2023

B. IN STES SINHGAD COLLEGE OF ARCHITECTURE, VADGAON BK, PUNE (2006-2017)

- Teaching subjects of Town Planning / Urban Studies, History of Architecture and Culture, Building Construction and Materials, Research in Architecture, Working Drawing.
- Study Tour Guidance:**

- Conducted First Year study tours to 'Old Goa' and 'Murud, Dapoli' for settlement study. Also visited historic and contemporary places in Jaipur, Jodhpur, Jaisalmer, Mount Abu, Ranakpur in " Rajasthan" for study of historic and heritage structures with Third Year in year 2009-10
 - Conducted First Year study tour in year 2015 in Kodit village near Saswad.
 - Conducted second Year study tour in year 2016 in Pondicherry, Auroville and Mahabalipuram.
5. **Research Cell Coordination:** Encouraging participation of students in Paper writing and interactive sessions among the faculty members of colleges in Pune regarding various Research Topics.
 6. Participated in Two Years **Research Programs** conducted by **BCUD of Pune University (Innovation 2007-2009)**
 7. **College Magazine Coordination and Brochure Design** (2008-2010)
 8. **Appointed as BCUD –Academic Research coordinator for Sinhgad College of Architecture from 2011 to 2017 and for Marathwada Mitramandal College of Architecture, Pune.**

C. IN MARATHWADA MITRAMANDAL COLLEGE OF ARCHITECTURE, DECCAN GYMKHANA, PUNE

1. Teaching subjects of Town Planning / Urban Studies, History of Architecture and Culture, Design (Second Year), Research in Architecture.
2. Research Cell Coordinator- Organized and Conducted "Research Lecture Series", "Research Symposium on Challenges in Architecture Education".
3. Organized Guest lectures on "Intellectual Property Rights".