

Curriculum Vitae

RASHMI RAVINDRA GAJARE

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EDUCATION

- 2025 **PhD in Architecture (Historic Preservation)** | *University of Texas at Austin, USA*
- 2019 **Master's in Digital Humanities** | *Università Ca' Foscari, Venice, Italy*
- 2015 **M.A. Historic Preservation and Planning** | *Cornell University, USA*
- 2010 **M.A. Indology** | *Tilak Maharashtra Vidyapeeth, Pune, India*
- 2007 **M.A. French (Translation)** | *University of Pune, India*
- 1999 **Bachelor of Architecture** | *University of Pune, BKPS College of Architecture, India*

Certificates and Accreditation

Registered licensed architect with Council of Architecture, India, since 2003 FAA Part 107 NCARB ARE certification– in the process

Remote Pilot License | US Federal Aviation Administration, 2022

LEED Accredited Professional, (BD + C) LEED v4 | GBCI, USA, 2015

Certificate course in Manuscriptology | Tilak Maharashtra Vidyapeeth, Pune, India, 2013

Certificate course in Heritage Management | Tilak Maharashtra Vidyapeeth, Pune, India, 2008

TECHNOLOGY

Revit, AutoCAD, SketchUp, ArcGIS

Recap, Reality Capture, Metashape, CloudCompare, Pix4Dmapper, RTI (CHI)

Adobe Creative Suite

AFFILIATIONS & MEMBERSHIPS

Registered licensed architect with Council of Architecture, India, since 2003

BORI (Bhandarkar Oriental Research Institute, Pune, India) – Life member

Computer Applications and Quantitative Methods in Archaeology (CAA international), 2025

US - ICOMOS. 2023

Association for Preservation Technology (APT-NE), USA. 2024

International Council on Monuments and Sites (ICOM). 2024

CIPA Heritage Documentation. 2024

Contributing member of 'IT policy and Toolkit' committees. 2021

Our World Heritage Initiative, (OWH). https://ourworldheritage.org/it_partners/

ADVISORY WORK, TEAM PARTICIPATION AND LEADERSHIP

Committee member | *ICOMOS – OCD-RBA (Our Common Dignity – Rights-Based Approach)*, 2025

Nomination Consultant | *Nisargayatri (Konkan Geoglyphs) - World Monuments Watch*, 2024

Nominations Desk Review Member | *UNESCO-WHC nomination applications, 2024-2026*

Contributing member - IT policy and Toolkit committees. | *OurWorldHeritage*, 2021

Competition Teams Mentor | *OurWorldHeritage global competition, 2021*
Academic Peer Reviewer | *ArchitectureMPS - UCL Press via ScienceOpen platform, 2022-2026*
Editorial Board Member | *Planning Forum (Peer reviewed student journal, UT Austin), 2022*
President | *Cornell Women's Planning Forum, 2015*
Treasurer | *Cornell Preservation Studies Student Organization, 2015*
Budget Voting Member | *Cornell Graduate & Professional Student Finance Commission, 2014*

TEACHING EXPERIENCE

Graduate teaching position (AI) application, 2024
School of Architecture, University of Texas at Austin, USA
Designed Syllabus and Teaching Program for a course '**Anthropological approach to survey of the global architectural history**'

Graduate Teaching Assistant, *Fall 2021, Fall 2023*
School of Architecture, University of Texas at Austin, USA
Course: **World architecture: Industrial revolution to the present**

Graduate Teaching Assistant, *Spring 2022*
School of Architecture, University of Texas at Austin, USA
Course: **Survey I: Origins of Architecture** – Gave a lecture on '**Buddhist and Hindu Architecture in South and South-East Asia**'.

Graduate Teaching Assistant, *Spring 2021*
School of Architecture, University of Texas at Austin, USA
Course: **Construction V**

Graduate Teaching Assistant, *Fall 2020*
English Department, UT College of liberal arts
Course: **Jane Austen on page and screen** - Signature course

Graduate Teaching Assistant, *2014-2015*
Masters in Historic Preservation and Planning, Cornell University, USA
Course: **Building Material Conservation**

Visiting Faculty, *2017-2018*
Masters in Architectural Conservation, Sinhgad College of Architecture, Pune, India
Use of technology for architectural conservation; Photogrammetry

Visiting Faculty, *2017-2018*
Bachelor of Design (Foundation), Symbiosis International University, India
Culture and Design – Phenomenology

Visiting Faculty, *2010*
Post Grad diploma in Heritage Management & Tourism, Tilak Maharashtra Vidyapeeth, India

**World Heritage, Cultural Resource Management and National Programs
Display, Storage and Retrieval of antiquities; Islamic and Christian
Architecture; Preservation and Conservation of monuments and antiquities**

Assistant faculty, 2003

Bachelor of Interior Design, MM College of Interior Design

Building materials

PUBLICATIONS/POSTERS

Gajare, R. 2025. **“Analysis of multi-stakeholder, 3D documentation and XR projects for heritage in the Indian context”**. PhD dissertation. University of Texas at Austin

Gajare, R. 2023. **“Re-contextualisation of museum objects using 3D scanning technology for rematerialisation, simulation and extended reality applications”**. In *Working Towards a Sustainable Past. ICOM-CC 20th Triennial Conference Preprints, Valencia, 18–22 September 2023*, ed. J. Bridgland. Paris: International Council of Museums.

Gajare, Rashmi. **“Material, Virtual, Re{constructed} worlds: Implications of 3D digital modeling for Historic Preservation”**. *Amps-Proceedings-Series-35.1_2024*. Prague – Heritages: Past and Present Conference, *Czech Technical University & AMPS, Prague*, June 28-30, 2023.

Gajare, Rashmi. **“ARCHiVe Case study: Exploration of Automatic Transcription for the Index Cards from the Daniélou collection”**. In Lowe, Adam. (2020). *The aura in the age of digital materiality: Rethinking preservation in the shadow of an uncertain future*. Print. ISBN 9788836645480

Gajare, Rashmi. **“Palimpsests of Destruction”**. 2018. Humanities Commons.
<http://dx.doi.org/10.17613/6zr0-qv38>.

Gajare, Rashmi, and Tomlan, Michael (advisor). **“An Analysis Of Green Building Rating Systems In The Context Of Historic Preservation.”** 2016. <http://hdl.handle.net/1813/44374>. MA Thesis. Ithaca: Cornell University. *An analysis of the application, advantages and/or disadvantages of different green-building rating systems such as LEED, BREEAM and SKA*

Byrd, Brian; Catsos, Michael; Chang, Hector; Gajare, Rashmi; Halili, Gabriel; Hung, Irene ; Robb, Isaac ; Ma, Linshuang ; McKenna-Foster, Daniel ; Rivera, Robert ; Shindman, Rachel ; ‘Taru, Taru ; Minner, Jennifer at Cornell University, **“Spirits of Visions Past: Sustainable Adaptation of World's Fair Sites”**. Poster · April 2015. *Seattle, Washington, Conference: APA (first prize)*

Articles on Interior and landscape design- The Times of India – TGIF supplement, 2000

SELECT CONFERENCE PRESENTATIONS AND PROJECTS

APT- National Trust Joint Conference, Montreal, November 2024

Community engagement for cultural stewardship: Konkan geoglyphs in India

20th ICOM-CC Triennial conference- Valencia, Spain, September 2023

Re-contextualisation of museum objects using 3D scanning technology for rematerialisation, simulation and XR (eXtended Reality) applications

Past-Heritages, Prague – hybrid – June 2023

Material, Virtual and Re{constructed} Worlds – focus on 3D Digital Modeling for Historic Preservation

Texas A&M History Conference, February 2022

Collaborative and accessible digitization of historic architecture – democratization in the shaping of historical narratives

ARCHivE, Fondazione Giorgio Cini, Venice. 2019.

Project: *Exploration of Automatic Transcription for the Index Cards from the Daniélou collection.*

Universite Ca'Foscari, Venice. 2019.

Project: **Interacting with Intelligent Software – Google Analytics.** Mentor: Prof. Teresa Scantamburlo. Team: Rashmi Gajare, Carlotta Febo, Maria Alessandra Milano.

ICOMOS General Assembly & Scientific Symposium 2017, New Delhi, India, Dec.2017

Sub-Theme: The Role of Cultural Heritage in building Peace & Reconciliation

Co-author - Adivasi Identity, Haunting and Reconciliation - Negotiating Cultural Memory and Displacement

Future of Conservation Studies in India, ICOM and NRLC, Lucknow, 2016

Designing an Interdisciplinary Seminar for Conservation Studies

Inclusive Cities, Jamia Millia Islamia University, Delhi, 2016

Inclusion and Technology

BORI Museum Design Symposium, Pune, 2015

Study of Space Typology in Modern Museums

Cornell University, Ithaca, 2013-2015

GIS project

A Spatial Analysis of Heritage Properties in Burma on the tentative list submitted to UNESCO

WHC ART/SCIENCE Intersections

Study of 17th-C Dutch paintings using art-historical & scientific, data-driven modes of investigation

American Architecture

Life story of a building: Additions, Subtractions, Destruction - Kimbell Art Museum, Fort Worth, Texas

Pune, Maharashtra State level Indology Conference, 2013

J. Ovington's visit to the Island of Elephanta in 1690 and his observations

State level Indology Conference, Jalgaon, 2011

Adaptive reuse of heritage structures in Indian context, Author

State level Indology Conference, Jalgaon, 2011

3-D visualization in Indian Archaeology, Co-author

State level Indology Conference (awarded), Ratnagiri, 2009

Shinde Chhatri - various architectural influences

FIELD WORK EXPERIENCE

ARCHITECTURE & DESIGN

Walter B. Melvin Architects, NY, Mar 2016 - Aug 2016

Technical Personnel

Historic Preservation projects in NYC. DOB/DOT/LPC filing. Construction details, building-conditions survey and assessment. Client interaction and site-work supervision.

Architectural Preservation Studio, PC, NY, Dec 2015 - Jan 2016

Project Consultant, Preservation Architect

Bid drawings, specification documents for a National Historic Landmark Rehabilitation Project.

Walter Sedovic Architects, Irvington, NY, June - August 2014

Intern, Preservation Architect

Construction drawings for Presbyterian Meeting Hall. Designed front entrance details for a historic Bronxville Church; Created database archiving system using advanced MS Excel for original architectural drawings at a historic Bronxville Church.

Conservation of a temple complex, Jaageshwar Samadhi Mandir, Pune, 2011- 2013

Conservation Architect

Worked with the Pune City Heritage Division Engineer to prepare a conservation plan for the temples with respect to a new development project on site. Presented the project to Pune Municipal Corporation officials. Sourced traditional craftsmen for specific project requirements.

Interior Design Practice, 2001-2013

Procured work, liaised with clients for residential interior design projects. Provided designs and revisions according to client and contractor feedback. Worked with contractors to prepare project specifications. Sourced materials and prepared estimates. Supervised work on-site.

HUMANITIES

Factum Foundation, April-May 2025

Research associate visit

Created a 3D model of monastery basement space and chosen artefacts for use in exhibit design – AutoCAD, SketchUp

UTSOA, Aug 2019 –2025

PhD in Architecture candidate- 3D scanning and modeling projects:

Goldsmith Courtyard; Battle Hall Architecture Library, The French Legation building

Collected data using Z+F laser scanners, DJI UAVs. 3D modeling using varied software: Autodesk ReCap, CloudCompare, Metashape, Pix4Dmapper

Tertön Humanities, Nov 2016 - present

Founder Director

Connecting technology with Humanities research and work.

Projects:

Consultation for digital scanning setup for rare manuscripts and books, University in Mumbai;

Documentation of Tibetan prayer 'Mani' walls, Nepal; Reflectance transformation imaging and

Photogrammetry projects, Deccan College, Pune; Consulting on using technology for a Historic

Resources survey in the Khandesh region, Maharashtra, India

CHC-CRDF, CEPT University, INDIA, Feb 2023 – Mar 2023

Research Scholar

Studying and analyzing 3D documentation projects at the CHC-CRDF including the Bela LiDAR documentation project in Bhuj, Gujarat.

Michigan State University, Apr 2017 – Nov 2017

Virtual Museum Project Consultant

Liaising and leading discussions for the MSU-BORI (Bhandarkar Oriental Research Institute) virtual museum project for rare manuscripts. Planned an MSU team India visit in September 2017 with lectures, round tables, local sightseeing, accommodation, lunch meetings and official dinners. Co-ordinated with various local institutions participating in the program.

Rare & Manuscript Division, Kroch Library, Cornell University, 2014 - 2015

Collections Assistant

Created library databases using XML & Excel for archival architectural drawing collections.

Digitally reproduced archival materials for library patrons and worked on post-processing of Images.

Cornell University, 2014-2015

Graduate Assistant – Website administrator – PreserveNet

Managed the website

BORI Museum Design Symposium, 2015

Worked for the organization of international museum design symposium in Pune, India

Bhandarkar Oriental Research Institute (BORI), 2011 - 2013

Planning Member- Manuscript Museum Design Committee

Studied collections, liaised with museum curators, obtained quotations for display and security systems and audio guide designing. Presented plan of action to the committee on themes for exhibits and public outreach programs

Raintree Translations, Pune, 2006-2008

Founder, Translator and Interpreter

Freelance technical French-English translation and interpretation for Indian companies such as KBL, Thermax etc. Subtitling- Hindi to French for the film 'Mahek' by Kranti Kanade. Procured work, handled a team of translators.

Participation in Deccan College Archaeological excavations, Farmana, Haryana, 2010 *and Bhuj, Gujarat on Indus Valley Civilization sites (IVC), 2013*

Conducted heritage walks for school and master's students at University of Pune & children's workshops 'Art appreciation through fun games', 2009 – 2011

Volunteer-teacher at Akanksha - *after-school program for street & slum children, Pune, 2000- 2001*

LANGUAGES

EDUCATION

Advance Diploma in Persian | Deccan College, Pune, India; Iran House, Bombay, 2017

Tibetan language studies | Namgyal Monastery, Institute of Buddhist Studies, Ithaca, USA, 2015

Certificate in Spanish | University of Pune, India, 2013

DSCLF, Diplôme Supérieur de Civilisation et Littérature Française | Ministère de l'éducation nationale, France - Alliance Française de Poona, India, 2005

PROFICIENCY

Fluent | English, Marathi, Hindi, French (Study duration: 6 yrs)

Basic | Italian-A2, Spanish -A2 (Study duration: 1 yr.)

Introductory | German, Tibetan, Persian (Study duration: 9mo)

Comprehension | Gujarati, Khandeshi

SCRIPTS

Introductory | Persian, Tibetan, Gujarati, Brahmi

WORKSHOPS

Seminar on Economics & Heritage Conservation by Indian Heritage Cities Network Foundation Embassy of France in India, & UNESCO New Delhi, 2012

Greek and Roman Mythology

University of Pennsylvania (Coursera) - 95.7% distinction, 2012

Modi Script

Bharat Itihaas Samshodhaak Mandal, Pune, India, 2011

Introduction to Indian Historical coins

Indian Inst. of Research in Numismatic Studies, Anjaneri, India, 2010

Documentary Filmmaking Course

Centre for Communication and Development Studies, Pune, India, 2005

Documentary "Include Exclude" (9mins) - Co-Writer/Co-Director; for CCDS, India, 2005

AWARDS AND GRANTS

Graduate School Dissertation Writing Fellowship for Spring 2024.

University of Texas at Austin. Funding for dissertation writing.

San Antonio Conservation Soc. Foundation Scholarship (Honoring Brooks Martin FAIA 2022-2023.

Texas Architecture Foundation. Funding for the academic year 2022-2023 for research.

University Graduate Continuing Fellowship - 2022-2023.

University of Texas at Austin. Funding for the academic year 2022-2023 for research.

University of Texas at Austin Graduate School Summer 2022 Fellowship.

University of Texas at Austin. Funding for the summer semester 2022 for research.

Barclay Jones Research Grant, Jan 2015. Historic Preservation Planning Alumni

The Barclay Jones Research Grant program aids graduate students studying in the Preservation Planning program at Cornell University to complete their theses and dissertations.

Conference Travel Grant, Dec 2014. Graduate School, Cornell University

The Graduate School provides financial support to students who have been selected to present papers or posters at a professional conference.

Honorary Award, 2009. State level Indology Conference, Ratnagiri, India

Best Conference paper -Shinde Chhatri - various architectural influences

Honorary Award, 2008, Tilak Maharashtra Vidyapeeth

Best paper- Architectural Influences on Victoria Terminus, Mumbai

Plume d'Or, 2004. L'association Défense de la langue Française. Ministère de la Culture et de la Communication, France - International French essay writing competition, Topic 'Silence'

ART

Installations, Artwork, & Performances

'Carry what you can'

3D scanning & 3D printing of miniaturized objects similar to those carried by a refugee fleeing war in Syria, 2022; University of Texas at Austin: College of Fine Arts

'Urban Palimpsest'

A poem; collage of old & new photos, 2017 Indigene Festival 2017— fine arts, heritage & performing arts

*For Experimental short film by Roman Gerodimos
Mixed media collage with word cloud superimposed on painted background,
2017 <https://www.essencethemovie.com/artwork>*

*Bowery poetry club, Parkside Lounge, Nuyorican, Queens Lit Fest 2016,
NYC Open-mic poetry recitals, 2015-2016*

Writings, Translations

*Co-MASK – Azra Aksamija - Co-creation project, kissing mask design and multilingual instructions
(2020) Translation - Marathi <https://azraaksamija.net/co-mask/>*

Poem translation

*Yadav, Ramashankar [Vidrohi]. "Mohenjo Daro". Asymptote, Indian language literature feature, 16
January 2017. Digital. (Hindi to English translation in collaboration with Patricio Ferrari. (Also in
The Wire, 28 Jan, 2017). <https://thewire.in/102809/republic-verse-mohenjo-daro-vidrohi/>
<https://www.asymptotejournal.com/special-feature/vidrohi-one-poem-two-translations/>*

(French) Short story, Fil Rouge, Alliance Française de Poona, 2007

(Marathi) Short story, Ek kavadasa, Levamancha magazine, 2007

CROSS-CULTURAL EXPERIENCES

Study tour to Angkor Vat, Cambodia, 2010

Cultural Exchange Program France: Montpellier, Paris, 2004

Backpacked in Europe - Italy, Austria, UK, 2004