

CV - RASHMI RAVINDRA GAJARE

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EDUCATION

2025 **PhD in Architecture (Historic Preservation)** | *University of Texas at Austin, USA*
2021 **International Summer School - After the Damages** | *University of Ferrara, Italy*
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*
2008 **Heritage Management certificate course** | *Tilak Maharashtra Vidyapeeth, India*
1999 **Bachelor of Architecture** | *University of Pune, BKPS College of Architecture, India*

LICENSES, CERTIFICATIONS & AFFILIATIONS

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

Currently studying for NCARB NY A.R.E exams

LEED AP (Building Design & Construction), LEED v4,2015 - GBCI, USA

FAA Part 107 Remote Pilot License, Federal Aviation Administration, USA - 2022

LANGUAGES

Fluent | English, Marathi, Hindi, French

Basic comprehension | Italian, Spanish

TECHNOLOGY

ArcGIS, Revit, AutoCAD, SketchUp, Adobe Creative Suite

Autodesk Recap, Reality Capture, Agisoft Metashape, CloudCompare, Pix4Dmapper

SELECTED STUDY PROJECTS

[*Financial Feasibility Analysis- Schultze House Rehabilitation Project*](#)

[*Historic Structure Report -Aurora House, Ithaca*](#)

[*Analysis of Green Building Rating Systems for Historic Structures*](#)

GIS Spatial analyses

[*NYC Property Price In Historic Districts*](#)

[*Heritage properties submitted to UNESCO tentative WHC list – Burma \(Myanmar\)*](#)

Analysis of multi-stakeholder, 3D documentation and XR projects for heritage in the Indian context – PhD dissertation University of Texas at Austin

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 visit

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

UTSOA, Aug 2019 – 2025

PhD in Architecture - 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 use of technology for Historic Resources survey. Khandesh, Maharashtra, India*

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

Research Scholar,

Studying and analyzing 3D documentation projects at the CHC-CRDF

Michigan State University, Apr 2017 – Nov 2017

Virtual Museum Design 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 reserachers.Post-processing of Images.

Cornell University, 2014-2015

Graduate Assistant – Website administrator – PreserveNet

BORI Museum Design Symposium, 2015

Organizing Committee Member

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

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, 2011*

PUBLICATIONS/POSTERS

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. Ch. 68.

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, Cornell University. ***Spirits of Visions Past: Sustainable Adaptation of World's Fair Sites.*** Poster · April 2015. Seattle, Washington, Conference: APA (1st prize)

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

Universite Ca'Foscari, Venice. 2019.

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

American Architecture

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

State level Indology Conference, Jalgaon, 2011

- **Adaptive reuse of heritage structures** in Indian context, Author

- **3-D visualization in Indian Archaeology**, Co-author

State level Indology Conference (awarded), Ratnagiri, 2009

Shinde Chhatri - various architectural influences

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