

ISHA HANS

EDUCATION

2019–22

Master of Design, Carnegie Mellon University

Thesis: Penumbra of Privacy: Designing with People-centered and Place-centered Privacy Values in Shared Smart Workspaces

Advisors: Dr. Dina El-Zanfaly, Dr. Lorrie Cranor

2007–13

Bachelor of Architecture, Faculty of Architecture, CEPT University

Thesis: Lakshman Rekha: Reading the Dialectics of Space and Gender in Amar Chitra Katha

Advisor: Ar. Shilpa Ranade

AWARDS AND HONOURS

2022

FASPE Design and Technology Fellow, FASPE Ethics

2022

School of Design Merit Award, Carnegie Mellon University

2021

Design Graduate Scholarship, Carnegie Mellon University

2019

James R. Swartz Entrepreneurial Fellow, Carnegie Mellon University

2019

Design Graduate Entry Scholarship, Carnegie Mellon University

2014

GICEA Gold Medal for Architecture

GRANTS

2021

Innovation through Collaboration, Kynamatrix Research Network

TEACHING AND RESEARCH AREAS

- Theory of Design
- Human-Computer Interaction
- Experience Design and User Research
- Human-centered Privacy
- New Product Innovation

TEACHING EXPERIENCE

- 2022–22 **Teaching Assistant**, Institute for Software Research,
Carnegie Mellon University
Course title: Usable Privacy and Security
- Managed the online segment of the course led by Dr. Lorrie Cranor, Director of Cylab Privacy and Security Institute
 - Evaluated student assignments and provided actionable feedback to enhance understanding.
 - Mentored 2 student teams to improve Privacy usability for Internet of Things (IoT) devices in a smart building context.
- 2021–21 **Teaching Assistant**, School of Design, Carnegie Mellon University
Course title: Interaction Design Seminar 1
- Assisted Professor Daniel Rosenberg Munoz for curriculum improvement for incoming graduate students.
 - Co-led interactive discussions for students.
 - Graded assignments and provided actionable feedback.
- 2019–19 **Teaching Assistant**, School of Design, Carnegie Mellon University
Course title: Experiential Futures
- Assisted Professor Stuart Candy to organize course material and facilitate student discussions.
 - Graded assignments and provided actionable feedback.
- 2018–19 **Visiting Faculty**, Rachana Sansad's Academy of Architecture
Course title: Theory of Architecture and Design, Interior Design Studio (Foundation)
- Co-developed a holistic curriculum for 'Theory of Architecture and Design' spanning the entire 5-year duration of the architecture education program.
 - Delivered course content through presentations and interactive discussions.
 - Introduced innovative exercises to teach practical application of theoretical concepts, resulting in increased student engagement and improved scores.
 - Assessed learning patterns to improve teaching methods.
 - Taught the basics of Interior space planning to second year architecture students.
- 2016–16 **Visiting Faculty**, Kamla Raheja Vidyanidhi Institute for Architectural and Environmental Studies
Course title: Dialectics of Space and Gender
- Designed an elective course on the topic 'space and identity formation', using gender as a symptomatic case for discussion
 - Conducted the course as a combination of in-class discussions and assignments to guide students in comprehending the complex notions of spatial construction.

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- 2015–16 **Visiting Faculty**, The Indian School of Design and Innovation (ISDI), Parsons Mumbai
Course titles: Integrative Seminar, Introduction to Architecture and Interior Theory
- Customized the course outline, lesson plan, and project briefs to reflect the Indian context while maintaining the integrity of Parsons The New School of Design's curriculum.
 - Delivered course content through presentations using relevant examples in Indian context.
 - Documented all student work for record keeping and subsequent curriculum development.
 - Explained foundational design concepts concisely.
- RESEARCH EXPERIENCE**
- 2020–22 **Graduate Thesis**, School of Design, Carnegie Mellon University
- Conducted primary research in a functioning smart workspace building to understand occupants' notions of privacy.
 - Developed privacy principles and values that incorporate socio-cultural and human behavioral aspects of privacy, to complement existing digital privacy practices.
 - Created a Privacy toolkit for holistic view on privacy for smart workspaces through multidisciplinary stakeholder engagement.
- 2020–20 **Research Assistant**, School of Design, Carnegie Mellon University
Course title: Introduction to Design Futures
- Assisted Professor Peter Scupelli in converting Design Futures course materials from in-person to an online open-source format, ensuring global accessibility for students.
- 2012–13 **Undergraduate Thesis**, Faculty of Architecture, CEPT University
- Delved into literature on anthropology, spatial construction, narrative structure, and visual representation to understand the intricacies of 'space and identity'.
 - Created analytical spatial diagrams to demonstrate the gendered spatial notions.
- 2011–11 **Research Assistant**, UNESCO Ahmedabad Heritage Nomination
- Documented and collected data for 105 ancient Jain temples across the walled city of Ahmedabad.
 - Marked the temples on a map based on chronology, identify the evolution of settlements in the walled city.
 - Contributed to the preparation of the preliminary dossier for submission.

MENTORSHIP EXPERIENCE

- 2020–present **Innovation Mentor**, Swartz Center for Entrepreneurship,
Carnegie Mellon University
- Mentor 1 fellow per cohort and guide them in exploring their early-stage ideas.
 - Guide early-stage student start-ups in readiness for venture funding.
- 2020–21 **UX and Entrepreneurship Coach**, Robert Bosch Inc.
- Coached business developers for Design Thinking, user research and lean entrepreneurship methods.

PROFESSIONAL EXPERIENCE

- 2023–present **Co-Founder and CEO**, Stealth Mode
- Developing a new product for password sharing and management based on human-centered behavior.
 - Leading customer discovery to shape product MVP.
 - Creating product requirements, design mocks and product strategy.
- 2022–23 **Product Designer and Research Lead**, Laurel.ai
Seattle
- Designed UX features end to end.
 - Directed research efforts to shape user experience and business strategy.
- 2021–21 **Founder in Residence**, Robert Bosch Inc.
Toronto
- Led product development and strategic collaboration for an early stage AI start-up in incubation worth \$100M obtainable market.
- 2020–20 **Strategic Insights Lead**, Robert Bosch Inc.
Pittsburgh and Toronto
- Led new product innovation at a Venture Studio through a user-first discovery resulting in the inception of an AI start-up which I subsequently headed.
- 2014–19 **Architect and Designer**, Freelance and Various Firms
Mumbai
- Led client communication to understand project needs and deliver end to end design while managing tight deadlines and budget.