

Arti Agarwal

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Education

- PhD Scholar, Department of Design, Indian Institute of Technology (IIT) Kanpur, Jan 2022—now.
- Micromasters in Data, Economics & Development Policy (DEDP), Massachusetts Institute of Technology (MIT), 2020.
- Bachelor of Architecture (B Arch), Indian Institute of Technology (IIT) Roorkee, 2007.

Courses and Certifications

Design Project DES682 | IIT Kanpur

New Integrated Product Development DES633A | IIT Kanpur

Macroeconomics ECO702A | IIT Kanpur

Microeconomics ECO701A | IIT Kanpur

Econometrics ECO704A | IIT Kanpur

Sustainable Energy Policy SEE617 | IIT Kanpur

[Data Analysis for Social Scientists](#) | MITx

[Microeconomics](#) | MITx

[The Challenges of Global Poverty](#) | MITx

[Political Economy and Economic Development](#) | MITx

[Designing and Running Randomized Evaluations](#) | MITx

Entrepreneurship 101 | MITx

Economics of Industrial Strategy | IIT Roorkee

Data Scientist with Python | Codecademy

[Analyze Data with Python](#) | Codecademy

[Learn SQL](#) | Codecademy

[Analysing and Visualizing Data with Excel](#) | Microsoft

Research

- Conference Paper: “*The Economic Cost of Air Pollution Due to Stubble Burning: Evidence from Delhi*,” presented at the ‘10th International Conference on Pollution Control & Sustainable Environment.’ With Prof Nachiketa Tiwari. [DOI](#).
- Book: *Cownomics: The Holy Cow, Fulcrum of a Civilization*. Notion Press, 2021.
- Research Article: “*Hampi: A Journey into the Past to Unravel the Artistry of the Vijayanagara Kings*.” Architecture: Time, Space & People, April 2011.
- Research Article: “*Implementation of Multifunctional Land Use in Roorkee Town*.” Architecture: Time, Space & People, October 2006. With Prof Prabhjot S Chani.

Teaching

Indian Institute of Technology Kanpur (2022–)

- Teaching Assistant, System Design for Sustainability on NPTEL, July–October 2023.
- Teaching Assistant, Design, Technology and Innovation on NPTEL, July–October 2023.
- Teaching Assistant, New Integrated Product Development (DES633A), Autumn 2022–23.
- Taught a Workshop on Clay Modeling to 50+ participants in the Department of Design.
- Lectures for *African–Asian Development Organization (AARDO)* Training by MedTech Lab, IIT Kanpur (17–24 Nov 2022):
 1. Climate Change, the Social Cost of Carbon & the Differential Impact on Developing Countries.
 2. Moving towards a Sustainable Economy: The Way Forward.
 3. Environmental Impact Assessment.

Lecturer, Raffle Millennium International, Bangalore (2013): Taught courses to Bachelor of Design (B. Des.) track on Print Design, Packaging Design, Portfolio Design.

Guest Lectures:

- Guest Lecture at Indus University on Cownomics (2021).
- Guest Lecture at Indian Institute of Management (IIM) Indore on Content Marketing (2018).
- Guest Lecture at Department of Architecture and Planning, IIT Roorkee on Architectural Photography (2014).

Awards

- 2017: Award for the “Most Influential Content Marketing Professional” by World Marketing Congress, at the Content Marketing Summit, Mumbai.
- 2012: Honorable Mention in the International Photography Awards (IPA) Competition: Winning entry “Light, the Binder of Spaces,” in the ‘Architecture – Buildings’ category.
- 2010: Winning Entry in the Top 10 in Nikon's "Go with Nikon" Photography Contest.

Other Work Experience

- **Consulting Content Marketer and Strategist (2015–2021):** Worked with start-ups and companies like Guesture, AB Hospitals, Learner, Abbott, Oliveboard, Reverie Language Technologies, Fountainhead Entertainment etc.
- **Travel Photographer and Writer (2010–2015).**
- **Senior Field Engineer, Schlumberger (2007–2010):** Lead engineer on site for Deep Water offshore services in India, for VISION and SCOPE services. Clients included ONGC, Reliance Petroleum, Petro China and Hardy Oil and Gas. Promoted twice.

Skills

Programming Languages Known: Python, R, STATA, Julia, SQL, HTML, CSS

Software Known: MS Office, Adobe Photoshop, Adobe Lightroom, Adobe InDesign, Adobe Illustrator, Adobe Muse, Adobe Fresco, AutoCAD

Languages Known: Hindi (Native), English (Expert), French (Basic), Sanskrit (Basic)

Interests

Reading, Artwork, Running, Yoga, Squash: Finished the Delhi Airtel Half Marathon 2019; Finished the Bangalore 10K Run in 2014, 2012, and 2011; Yoga Instructor certified by Yoga Alliance (RYT 300).

References

Supervisor: Dr Nachiketa Tiwari, Professor and Head of Department, Department of Design, IIT Kanpur. Email: ntiwari@iitk.ac.in

Co-supervisor: Dr Vimal Kumar, Professor and Head of Department, Department of Economic Sciences, IIT Kanpur. Email: vk@iitk.ac.in