

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.

RELEVANT

COURSEWORK

- Design Project DES682 | IIT Kanpur
- New Integrated Product Development DES633A | IIT Kanpur
- Advanced Macroeconomics ECO702A | IIT Kanpur
- Advanced Microeconomics ECO701A | IIT Kanpur
- Advanced 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
- Macroeconomic Diagnostics | IMF
- Macroecnometric Forecasting | IMF
- Data Scientist with Python | Codecademy
- Analysing and Visualizing Data with Excel | Microsoft

RESEARCH AND

PUBLICATIONS

- **Report:** Abhishek Jain, Nikita Tank, Aastha Bafna, Ruchira Goyal, Chandan Jha, Stuti Manchanda, Madhumita Srinivasan, Rohan Gupta, Sara Haris, Arti Agarwal, and Apoorve Khandelwal. 2026. *Cattle and Community in a Changing Climate: Sustainable Pathways for India's Dairy Sector*. New Delhi: Council on Energy, Environment and Water.
- **Report Chapter:** Agarwal, A., Chatterjee, E., Datta, B., Kumar, V., Sahu, S., Singh, R., & Singh, P. (2025). *Economics of Kumbh* in **A Holistic Assessment of Maha Kumbh 2025** (pp. 289–332). Kanpur: Indian Institute of Technology Kanpur.
- **Published Paper:** Arti Agarwal, Dr Nachiketa Tiwari, *The Environmental Cost of Air Pollution Due to Stubble Burning: Evidence from New Delhi*, *Journal of Pollution Effects and Control*, 12:400, 2024.
- **Research in Progress:** Arti Agarwal, Dr Vimal Kumar, *Policy Instruments for an Asymmetric Transboundary Pollution Dynamic Game*.
- **Book:** Arti Agarwal, *Cownomics: The Holy Cow, Fulcrum of a Civilization*, NotionPress, 2021.
- **Research Article:** Arti Agarwal, *Hampi: A Journey into the Past to Unravel the Artistry of the Vijayanagara Kings*, *Architecture: Time, Space and People*, April 2011.
- **Research Article:** Arti Agarwal, Dr P. S. Chani, *Implementation of Multifunctional*

Land Use in Roorkee Town, Architecture: Time, Space and People, October 2006.

- **Reviewer:** Structural Change and Economic Dynamics
- **Reviewer:** World Congress of Environmental and Resource Economists 2026

CONFERENCES AND WORKSHOPS

- **Conference Speaker:** SEEDS Annual Conference 2025, Milan, Italy
- **Workshop:** Causal Inference - I, II, III (2024) | Mixtape Workshop by Prof Scott Cunningham.
- **Workshop:** Virtual PhD Course on Environmental Economics (2023) | BREAD-IGC.
- **Workshop:** Virtual PhD Course on Firms and Development (2023) | BREAD-IGC.
- **Conference Speaker:** Tenth International Conference on Pollution Control and Sustainable Environment, 2023.
- **Conference (accepted):** 2025 Eastern Economic Association, New York City (AERE organized panel).

TEACHING

- Tutor, *Economics, Finance and Money Matters*, part of School Connect Programme by IIT Madras, January-March 2026, September-December 2025.
- Teaching Assistant, *Economics of Platforms*, eMasters Program at IIT Kanpur, September-December 2023, 2024, 2025, April-June 2024, 2025.
- Teaching Assistant, *Strategy: An Introduction to Game Theory* on NPTEL, July-September 2024.
- Teaching Assistant, *Introduction to Microeconomics* on NPTEL, January-April 2024, 2025.
- Guest Lecture, *Introduction to MATLAB*, Dr. Ambedkar Institute of Technology for Divyangjan, UP, Kanpur, September-October 2024.
- Teaching Assistant, *System Design for Sustainability* on NPTEL, July-October 2023.
- Teaching Assistant, *Design, Technology and Innovation* on NPTEL, July-October 2023.
- Guest Lectures, *Mathematical Optimization for Economic Applications*, Navyug Kanya Mahavidyalaya, October 2023.
- Teaching Assistant, *New Integrated Product Development (DES633A)*, Autumn 2022.
- Lectures for African-Asian Development Organization (AARDO) Training by MedTech Lab, IIT Kanpur (17-24 November 2022):
 - 1. Climate Change, the Social Cost of Carbon and the Differential Impact on Developing Countries.
 - 2. Moving towards a Sustainable Economy: The Way Forward.
 - 3. Environmental Impact Assessment.
- Workshop on Clay Modeling (50+ participants) in the Department of Design, IIT Kanpur, September 2022.
- Guest Lecture on *Cownomics* at Indus University, 2021.
- Guest Lecture on *Content Marketing* at Indian Institute of Management (IIM) Indore, 2018.
- Guest Lecture on *Architectural Photography* at Department of Architecture and

Planning, IIT Roorkee, 2014.

- Courses on *Print Design, Packaging Design and Portfolio Design* taught at Raffle Millennium International, Bangalore, 2013.

AWARDS & FELLOWSHIPS

- January 2023–July 2025: Prime Minister’s Research Fellowship.
- January–December 2022: Institute Fellowship, IIT Kanpur.
- 2017: Award for the “Most Influential Content Marketing Professional” by World Marketing Congress.
- 2012: Honorable Mention in the International Photography Awards (IPA) Competition: Winning entry *Light, the Binder of Spaces*.

SKILLS

- **Programming:** Python, R, Julia, STATA, MATLAB.
- **Software:** Eviews, MS Office, Adobe Photoshop, Adobe Lightroom, Adobe InDesign, Adobe Illustrator, AutoCAD.

WORK EXPERIENCE

- Research Scholar, Department of Design, IIT Kanpur (2022-now).
- Editorial Reviewer, Cactus Communications Private Limited (April 2026-now).
- Consultant and Lead, Dairy and Livestock Sector, Sustainable Food Systems Programme at Council on Energy Environment and Water (CEEW) (July-December 2025).
- Founder, Quiller (2018-2021), bootstrapped startup for content marketing for technology firms.
- Consulting Content Marketer and Strategist (2015-2018): 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 (Drilling and Measurements), 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.

REFERENCES

- **Supervisor:** Dr Nachiketa Tiwari, Professor, Department of Design, IIT Kanpur. Email: ntiwari@iitk.ac.in
- **Co-supervisor:** Dr Vimal Kumar, Professor, Department of Economic Sciences, IIT Kanpur. Email: vk@iitk.ac.in