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 COURSES

- 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
- Virtual PhD Course on Environmental Economics | BREAD-IGC
- Causal Inference - I, II, III | Mixtape Workshop
- 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
- Data Scientist with Python | Codecademy
- Analysing and Visualizing Data with Excel | Microsoft

RESEARCH

- **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, Dr Nachiketa Tiwari, *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.
- **Conferences:** Tenth International Conference on Pollution Control and Sustainable Environment, 2023
- **Referee:** Structural Change and Economic Dynamics

TEACHING

- Teaching Assistant, *Strategy: An Introduction to Game Theory* on NPTEL, July-September 2024.
- Teaching Assistant, *Introduction to Microeconomics* on NPTEL, January-April 2024.

- Teaching Assistant, *Economics of Platforms*, eMasters Program at IIT Kanpur, September-December 2023, April-June 2024, September-December 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 Nov 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–now: Prime Minister's Research Fellowship.
- Jan-Dec 2022: Junior Research 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*.

OTHER WORK EXPERIENCE

- 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.

SKILLS

- **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.

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