

# DEEPAK KUMAR

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317 Hutcheson Hall, Virginia Tech ◊ 250 Drillfield Drive ◊ Blacksburg, VA 24061

## EDUCATION

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Ph.D. in Agricultural and Applied Economics, Virginia Tech	Expected 2026
Graduate Certificate, Future Professoriate, Virginia Tech	Expected 2026
M.S. in Agricultural and Applied Economics, Virginia Tech	2025
M.A. in Economics, Jawaharlal Nehru University, India	2017
B.Sc. in Statistics, Hindu College, Delhi University, India	2015

## RESEARCH INTERESTS

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Environmental and Development Economics, Applied Econometrics, Forced Migration, Climate Shocks

## PUBLICATIONS & RESEARCH PAPERS

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### Journal Articles

- Pandey, V., Rathi, A., & Kumar, D. (2023). “Governance response during COVID-19 and political affirmative action: Evidence from local governments in India.” *Public Administration and Development*, 43(2), 185-195. [\[PDF\]](#)
- Pandey, V., Singh, S., & Kumar, D. (2022). “COVID-19, information management by local governments, and food consumption.” *Food Policy*, 110, 102278. [\[PDF\]](#)
- Sutar, G., Arrawatia, R., Dhalmahapatra, K., Garg, A., & Kumar, D. (2022). “Performance assessment of Dairy Cooperative Societies (DCSs): an AHP-based composite index approach.” *Annals of Operations Research*, 326(2), 751-782. [\[PDF\]](#)
- Pandey, V., Nagarajan, H. K., & Kumar, D. (2021). “Impact of gendered participation in market-linked value-chains on economic outcomes: Evidence from India.” *Food Policy*, 104, 102142. [\[PDF\]](#)

### Working Papers

- “Weaker Typhoons, Not Weak Effects: Local Economic Impacts of Low-Intensity Storms,” with Chi Ta. [\[Job Market Paper\]](#)
- “A Gendered Approach to Economic Impacts of Refugee Aid in Kenya,” with Anubhab Gupta, J. Edward Taylor and Justin Kagin.
- “From Strangers to Neighbors: Does Refugee-Host Integration Help Local Economic Development,” with Anubhab Gupta.
- “Is AI a Substitute or Complement to Learning? A Randomized Controlled Trial Among College Students,” with George Davis

- “Adoption of Agricultural Technologies by Smallholder Farmers: A Synthesis of Empirical Evidence.” with Miki Khanh Doan. Washington, D.C. : World Bank Group. [\[PDF\]](#)
- “The Local Economywide Effects of Reduced Refugee Assistance in Uganda,” with Anubhab Gupta, Tao Qi, Heng Zhu, J. Edward Taylor and Justin Kagin.
- “Cost of Inaction: Impacts of Reduced Food Assistance on Welfare Outcomes in Somalia,” with Anubhab Gupta, J. Edward Taylor and Justin Kagin.
- “Food Vulnerability during Shocks and Women’s Bargaining Power: Evidence from Indian Cooperatives,” with Vivek Pandey, Hari K. Nagarajan, and Harpreet Singh. [\[PDF\]](#)

## PRESENTATIONS

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- “Weaker Typhoons, Not Weak Effects: Local Economic Impacts of Low-Intensity Storms.” Agricultural and Applied Economics Association (AAEA) Annual Meeting, July 2025; Association of Environmental and Resource Economists (AERE) Summer Conference, June 2024; Virginia Association of Economists (VAE) Annual Meeting, April 2024.
- “A Gendered Approach to Economic Impacts of Refugee Aid in Kenya.” Agricultural and Applied Economics Association (AAEA) Annual Meeting, July 2023; Virginia Association of Economists (VAE) Annual Meeting, April 2024; Graduate and Professional Student Senate (GPSS) Annual Research Symposium, March 2024.
- “Cost of Inaction: Impacts of Reduced Food Assistance on Welfare Outcomes in Somalia.” Agricultural and Applied Economics Association (AAEA) Annual Meeting, July 2024 (Poster).
- “Teaching and Learning.” Conference on Higher Education Pedagogy (CHEP), Virginia Tech, February 2024; February 2025 (Attended).

## POLICY PUBLICATIONS

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- “The Cost of Inaction: Impacts of WFP Assistance Shortfalls on Food Security Outcomes in Somalia.” Policy Report *United Nations World Food Programme (WFP)*. [\[Link\]](#)
- “The Cost of Inaction: Impacts of WFP Refugee Assistance Shortfalls on Food Security Outcomes in Uganda.” *Policy Report. Partner Agency: United Nations World Food Programme (WFP)*. [\[Link\]](#)
- “Sustainability of Dairy Cooperative Societies under the National Dairy Plan I” *Evaluation Report. National Dairy Development Board (NDDB), India and the World Bank*. [\[Link\]](#)

## GRANTS

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Virginia Tech Graduate Research Development Program Grant (\$1000, PI) 2024  
 Structural Transformation and Economic Growth (STEG) Ph.D. Grant (\$18120, PI) 2026 (Applied)

## AWARDS AND HONORS

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AAEA Travel Grant, Virginia Tech	2025
AERE Summer Conference Travel Scholarship	2024
NAREA Student Scholarship	2024
Graduate Teaching Scholar (GTS) Scholarship, Virginia Tech	2023–2026
GPSS Travel Grant, Virginia Tech	2022–2025
Graduate Assistantship, Virginia Tech	2021–2026

## TEACHING EXPERIENCE

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### **Instructor – Virginia Tech**

AAEC 3204: International Agricultural Development and Trade (30 students, Fall 2024)  
Average student evaluation: 4.9/6 (100% response rate).

### **Teaching Assistant (Co-Instructor) – Virginia Tech**

AAEC 1003: Economics of the Food & Fiber System (Microeconomics) (120 students, Fall 2025)  
Responsible for teaching one-fourth of the lectures.

### **Teaching Assistant – Virginia Tech**

AAEC 3204: International Agricultural Development and Trade (Fall 2023; Fall 2022)

### **Instructor – Institute of Rural Management Anand (IRMA), India**

Stata for Econometric Methods for Impact Evaluation (MBA, 35 students, Fall 2019)

## RESEARCH EXPERIENCE

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Consultant, Poverty Global Department, World Bank	May–Jun 2025
Research Assistant, Virginia Tech	2021–Present
Research Fellow, Verghese Kurien Policy Lab, IRMA	2020–2021
Research Associate, Verghese Kurien Policy Lab, IRMA	2018–2020

## ACADEMIC SERVICE

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Reviewer: *Journal of Environmental Economics and Management*  
Graduate Student Seminar Chair, Virginia Tech, 2023–2024

## PROFESSIONAL MEMBERSHIPS

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Agricultural and Applied Economics Association (AAEA)  
Association of Environmental and Resource Economists (AERE)  
Northeastern Agricultural and Resource Economics Association (NAREA)  
Virginia Association of Economists (VAE)  
North American Colleges and Teachers of Agriculture (NACTA)

## SKILLS

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**Technical:** Stata, R, Python, SQL, SPSS, Matlab, Google Earth Engine, Git  
**Languages:** English (Fluent), Hindi (Native), Bhojpuri (Native), Oriya (Beginner)

## CURRENT STATUS

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Nationality: Indian (US F-1 visa), STEM OPT Available

## REFERENCES

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**Anubhab Gupta**

Assistant Professor  
Agricultural & Applied Economics  
Virginia Tech  
[anubhab@vt.edu](mailto:anubhab@vt.edu)

**George Davis**

Professor & Interim Dept. Head  
Agricultural & Applied Economics  
Virginia Tech  
[georgedavis@vt.edu](mailto:georgedavis@vt.edu)

**Chi Lan Ta**

Assistant Professor  
School of Public Affairs  
University of Texas at Austin  
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**Donna Westfall-Rudd**

Professor  
Teaching and Learning  
Virginia Tech  
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