

Priyanka Sharma

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Research interests Techno-Economics, Precision Agriculture, Agribusiness

Education **Kansas State University** Manhattan, Kansas
PhD in Agriculture Economics Jan 2021 – Present
Advisor: Dr.Aleksan Shanoyan *GPA: 3.8*

North Carolina State University Raleigh, North Carolina
MBA in Supply Chain Management Aug 2014 – May 2016
Certification: Decision Analytics *GPA: 3.7*

Punjab Technical University Jalandhar, Punjab
BTech in Electronics and Communication Aug 2004 – Jul 2008
82 % with Distinction

Honors and scholarships \$1,000 Loren and Phyllis Harris Scholarship (Dept. of Agricultural Economics) 2023
First position in case study competition (IFAMA) 2023
\$1,000 AAUW scholarship (American Association of University Women) 2022
Second position in case study competition (AAEA) 2021

Publications **A review of precision agricultural technologies for site-specific weed control in the semiarid U.S. Great Plains**
Priyanka Sharma, Vipin Kumar, Ranveer Chandra, Antonio DiTomasso
submitted to Pest Management Science, 2023.

Efficacy and economics of light-activated sensor-controlled sprayer for site-specific weed control
Priyanka Sharma, Vipin Kumar, Prashant Jha
Agronomy, 2023.

Working Research **A review of Insurtech applications in Crop insurance for smallholder farmers**
Co-Author: Dr.Aleksan Shanoyan (Kansas State University)

Role of social connectedness in new media marketing: Evidence from the U.S. Green Industry
Co-Author: Dr.Aleksan Shanoyan (Kansas State University), Becatien Yao (USAID)

Role of Diversification in Kansas Farm Resilience
Co-Author: Dr.Aleksan Shanoyan (Kansas State University)

Teaching experience **Primary instructor, Department of Agricultural Economics (KSU)** Fall 2023
AGEC 115: Decision Tools for Agricultural Economics and Agribusiness
Teval student rating: 3.7/5

Graduate teaching assistant, Poole College of Management (NCSSU) Spring 2015

MIE 330,336

Lecturer, Department of Elect & Comm (LPU)
Digital Electronics

Fall 2008, Spring 2009

Conference
Presentations

A review of Insurtech applications in Crop insurance for smallholder farmers
IFAMA World Conference, Academic Symposium, June 2023

Role of social connectedness in new media marketing: evidence from the U.S. Green Industry

IFAMA World Conference, Academic Symposium, June 2023

Sourcing Industry Group 2015, 2016

Supply Chain Resource Cooperative (SCRC) 2015, 2016

Skills

Programming: Python, C++

Statistical: Stata, Matlab

Database: SQL+, Oracle apps

Data Visualization: Tableau

Research: Git, Overleaf, Zotero, DPL

Other: Ariba, Microsoft Excel - Advanced

Professional
memberships

Agricultural & Applied Economics Association

2022 – Present

European Economic Association, EEA-ESEM

2022 – Present

Industry experience

Bharti Airtel Procurement, R&D Supply Chain

Gurugram, India

Deputy General Manager

Nov 2019 - Jan 2021

Developed techno-economic models for a disaggregated telecom radio access network supplier ecosystem in collaboration with Meta's Telecom Infrastructure Project (TIP)

Flipkart, PhonePe

Bengaluru, India

Procurement Manager

Jan 2019 - Oct 2019

Optimized PhonePe sourcing strategy, managing \$90m spend and securing 20% savings through strategic economic modeling and negotiations

British Telecom, IT & Cloud Procurement

Gurugram, India

Senior Buyer

May 2018 - Jan 2019

Managed BT's \$100m cloud portfolio procurement, establishing key partnerships and aligning strategies for improved cloud migration and services for UK customers.

Denali Sourcing Services, Consulting

Bellevue, Washington, USA

Senior Sourcing Associate

June 2016 - May 2018

Develop technology sourcing strategies and execute enterprise-wide strategic projects

Accenture Services, Engineering

Gurugram, India

Senior Software Engineer

Aug 2009 - Jul 2014

ERP changes for major firms, enhancing back-office operations, inventory monitoring, and system efficiencies