

Sanchaita Hazra

PhD Student, University of Utah

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Education

- 2021 – Now **PhD in Economics**, *University of Utah, Salt Lake City*.
Interests: Experimental Economics, Machine Learning in Economics
- 2016 – 2018 **Masters in Economics**, *University of Calcutta, Kolkata*.
GPA: 3.92/5
Special Papers: Game Theory and Information, Experimental Economics, Labor Economics
- 2013 – 2016 **Bachelors in Economics**, *Gokhale Memorial Girls' College, University of Calcutta*.
Aggregate: 60% (**First-class Honors**); **Rank** — 5/25
Courses: Microeconomics, Macroeconomics, Econometrics, Indian Economics, Development Economics, Trade, Public Finance, Mathematical Economics, Linear Algebra, Calculus

Experiences

- Aug 2021–Now **Teaching Assistant**, *University of Utah, Salt Lake City*.
○ Course: Economics 4011 Intermediate Microeconomics
- Jan–Aug 2021 **Guest Lecturer**, *Women's Christian College, University of Calcutta, Kolkata*.
○ Teaching concepts of Microeconomics, Mathematical Economics, Rural Development and Comparative Development to undergraduate-level students
- 2019–2021 **Statistician**, *DeepFlux*.
Mentor: Harshit Surana
○ Building models using state-of-the-art time series forecasting algorithms based on autoregressive factors, which uses information on product engagement from social media and inventory information to provide accurate prediction for future sales for Fortune 500 companies.
○ Building visual image search using similarity-based ranking on top selling items of a company for sales forecasting (marketing advertisements)
○ Published a blog summarizing: [Can Digital Signals Predict Automobile Signals?](#)
- Jul 2018–Jul 2020 **Field Assistant and Data Manager**, *Indian Statistical Institute, Kolkata*.
Mentor: Dr. Priyodorshi Banerjee and Dr. Sanmitra Ghosh
○ Data Collection; Data handling and modeling with Static and Dynamic Panel Regression

Research Works

Working Papers

- Sept 2020 **Experience, learning and the detection of deception.**
Indian Statistical Institute, Kolkata
Advisor: Dr. Priyodorshi Banerjee and Dr. Sanmitra Ghosh
○ A study of a game show happenstance data to study behavioral patterns, gender effects and existence of statistically significant continual leaning by doing.
○ We observe the effect of experience on detection accuracy in a high-stakes, quasi-naturalistic environment as experience can enable learning and reduce the detection error.
- May 2020 **Dynamics of Labor Productivity in OECD Countries, Crisis and its Aftermaths.**
Centre for Studies in Social Sciences, Kolkata
Advisor: Dr. Saibal Kar
○ A dynamic panel regression study to determine the effects of major macroeconomic variables on the labour productivity of the OECD countries, after and before the financial crisis of 2008.

Winter 2018 **Influence of Gender on Decision Making Under Risk - Data Collection.**

Indian Statistical Institute, Kolkata

Advisor: Dr. Priyodorshi Banerjee

- Collected data for cross-categories of man and woman to validate the hypothesis that decision making under risk is influenced by gender roles as a part of an experimental project.

Conference Publications

2020 **Funding Fanny – Microfinance and Empowerment of Women in India.**

Sanchaita Hazra and Sanchita Sen

Oral presentation at **International Conference on Sustainable Development and Education**, Dept. of Economics, Central University of Kerala

Oral presentation at **Research Scholar's Workshop 2020**, Dept. of Economics and Politics, Visva-Bharati

2019 **Self Help Group: Bank Linkage Programme and Financial Inclusion – A Performance Study.**

Tannishtha Chakrabarty, *Sanchaita Hazra*, Debolina Sanyal, Sumedha Kundal, Upasana Bhattacharya, Sudakhina Gupta

Oral presentation at **39th National Conference of Bangiya Arthaniti Parishad (Bengal Economic Association)**, Jadavpur University

Theses

2017 - 2018 **Master's Thesis**, *Dropouts and Under-age Marriage in West Bengal.*

Advisor: Dr. Anindita Sen

Keywords: Under-age marriage, Dropouts, PCA, Biprobit Analysis

2015 - 2016 **Undergraduate Thesis**, *'Funding Fanny'- Role of Microfinance in the Empowerment of Women in India.*

Advisor: Dr. Sanchita Sen

Keywords: Women Empowerment, Credit Seeking Financial Services, Micro-entrepreneurship

Workshops

2019 **Selected for Summer School**, Dept. of Economics, **Presidency University**: a week-long workshop focusing on macroeconomic DSGE Models, Network Analysis and GIS methods

2019 **Selected for R workshop**, Dept. of Economics, **Jadavpur University**: a week-long workshop focusing on performing econometric methods via R

Skillsets

- **Programming Languages & Tools:** Python, R, SQL, PostgreSQL, STATA, zTree, $\LaTeX 2_{\epsilon}$
- **Online Courses:** The Challenges of Global Poverty (MIT, Abhijit Vinayak Banerjee and Esther Duflo), Python Data Products for Predictive Analytics (UC San Diego, Julian McAuley and Ilkay Altintas)
- **Communication Skills:** Successfully completed 'Confidence' course under Barry O'Brien, Calcutta Media Institute; Languages – English, Hindi, Bengali

Beyond Academics

- **Founder of Alankar** – an online jewelry selling **entity** which aims at providing and adorning today's quintessential women; Featured in **LBB, Kolkata** and **Frapporz**
- Hindustani Classical Vocal Music – **Senior Diploma** with 1st Division Distinction, 2018 (under gharana talim of the Shri Jayanta Chattopadhyay, academy of Vishmadev Memorial Trust)
- **Class Representative** for the Department of Economics, Gokhale Memorial Girls' College (2013-16)