

# Bishmay Barik

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in Bishmay Kumar Barik     bishmaybarik     bishmayy

## Education

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### Shiv Nadar University, Delhi-NCR - M.Sc. Economics

2023-2025

- Semester 1: GPA: 8/10 | Semester 2: GPA: 9.4/10
- **Subjects:**  
Macroeconomics (I & II) (*Distinction*) , Microeconomics (I & II) , Econometrics  
Mathematical Methods , Behavioural Economics

### XIM University, Bhubaneswar - B.Sc. Economics (Hons.)

*with Three consecutive years of Merit Scholarship | Second Ranker*

2020-2023

- CGPA: 9.47/10
- **Subjects:**  
Macroeconomics, Microeconomics, Development Economics, International Economics,  
Game Theory and Behavioural Economics
- **Undergraduate Dissertation:** *Economics of Discrimination: Review of Gary Becker's work and its application on India*

## Research Experience

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### Research Assistant - A Research Project on Culture and Debt in India

2024 - Present

**PIs:** Dr. Nirupama Kulkarni & Dr. Satyajit Chatterjee

- Analyzing emigration patterns and debt holdings across different castes, religions, and social strata using the CMIE-CPHS dataset, with a focus on state-wise and district-wise variations in India.
- Investigating loan-taking behavior among various castes and religions, exploring the influence of cultural norms and traditions on these financial decisions.

### Research Intern - Center for Advanced Financial Research and Learning (CAFRAL), RBI

2024

**PIs:** Dr. Gautham Udupa & Dr. Vidhya Soundararajan

- Converting several Stata codes and writing MATLAB equivalents for a project.
- Reviewing RBI circulars and identifying important notifications related to Priority Sector Lending in India.
- Reviewing literature on developmental factors that affect stock market participation and presenting them during the internship at CAFRAL.

## Dissertation and Research Projects

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### Does Overconfidence Lead to Procrastination?: A Cognitive Reflection Test Experiment

2024

**Supervisor:** Dr. Punarjit Roychowdhury

- Tried to build a bridge between overconfidence and procrastination.
- Use of Cognitive Reflection Test to identify overconfident people and studied procrastination behaviour among them.

### An Environmental Kuznet's Curve (EKC) Analysis: A Case Study on Ganga and Yamuna

2024

**Software(s) Used:** STATA, R & Excel

**Supervisor:** Dr. Ram Ranjan | **Co-author:** Manya Pahwa, Shiv Nadar University, India

- Created Econometric Model to test for EKC in river Ganga and Yamuna.
- Analysed pollution patterns and tried to identify the cause of pollution in these rivers.

### Economics of Discrimination: Review of Gary Becker's work and its application on India

2022 - 2023

**Dissertation, B.Sc. Economics, XIM University | Supervisors:** Dr. Bharatee Bhusana Dash & Dr. Pintu Parui

- Criticised Becker (1957) Model of Discrimination
- Applied Becker (1957) Model of discrimination to Indian context, through the lens of caste.

### Gains from Trade: An Intuition behind Why Countries Exchange

2022

**Supervisor:** Dr. Anwesha Bandyopadhyay | **Co-author:** Sharanya Roy, XIM University, India

- Extended the Ricardian Model using quantitative macroeconomic models

## Teaching

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**Shiv Nadar University, India**

2023-2024

**Graduate Teaching Assistant | Semester - II**

- ECO461: International Economics (Dr. Trishita Ray Barman)

**Graduate Teaching Assistant | Semester - I**

- MAT101: Calculus - I (Dr. Niteesh Sahni)

## Course Certifications

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**Python for Data Science**

2024

Indian Institute of Technology (IIT), Madras

**Economic Analysis and Data Analytics**

2021

National Association of State Boards of Accountancy

**From Poverty to Prosperity: Understanding Development Economics**

2020

University of Oxford

## Software

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STATA | MATLAB | L<sup>A</sup>T<sub>E</sub>X | R | Markdown | Python | Jupyter Notebook

## References

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Available on request.