

# Ritabrata Bose

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**Research Interests:** Applied Microeconomics and Applied Microeconometrics (with special interest in Labour Economics, International Trade and, Geography)

## Education

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### Postgraduate Degree.....

- **Indira Gandhi Institute of Development Research (IGIDR)** **Mumbai, MH**  
*M.Phil. Economics* *August 2016 – July 2018*  
Thesis: *Market Structure, Profitability and Contract Workers Intensity: Analysis of Indian Manufacturing Industries*  
*The paper tries to find the effect of market structure on the profitability of the product market and also on outsourcing of labour (contract workers intensity).*  
Supervisor: Prof. K.V. Ramaswamy
- **University of Calcutta** **Kolkata, WB**  
*M.Sc. Economics, Department of Economics* *July 2014 – May 2016*  
Specialisation: International Economics, Advanced Econometrics and, Labour Economics  
Group Project: *Effect of Globalisation on Middle Class: Case Study of Kolkata*  
Supervisor: Prof. Sudakshina Gupta

### Undergraduate Degree.....

- **University of Calcutta** **Kolkata, WB**  
*B.Sc. Economics (Hons.), Maulana Azad College* *July 2011 – May 2014*  
Economics Honours with Mathematics and Statistics as General Papers  
Thesis: *Slums in Kolkata: A socio-economic analysis*  
Supervisor: Prof. Santanu Ghosh

## Work Experience

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- **Research Associate** **Bengaluru, KA**  
*Indian Institute of Management (IIM), Bangalore* *April 2019 – Present*
- **Research Assistant** **Kolkata, WB**  
*Centre for Studies in Social Sciences, Calcutta* *February 2019 – April 2019*
- **Visiting Faculty** **Mumbai, MH**  
*Sarla Anil Modi School of Economics, NMIMS* *August 2018 – December 2018*
- **Teaching Assistant** **Mumbai, MH**  
*Prof. Ashima Goyal, IGIDR* *January 2018 – July 2018*
- **Research Assistant** **Mumbai, MH**  
*Prof. C. Veeramani, IGIDR* *August 2017 – December 2017*
- **Research Assistant** **Kolkata, WB**  
*Prof. Santanu Ghosh, University of Calcutta* *May 2015 – September 2015*

## Published Paper

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- **Slums in Kolkata: A Socio-Economic Analysis (with S. Ghosh)**  
*The Empirical Econometrics and Quantitative Economics Letters*, Vol. 4, No. 4 2015

## Working Paper

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- **Exchange Rate Elasticity of Migration: Case Study of India**  
*IGIDR*  
In this study, we have analyzed how exchange rate affects migration decision, by estimating the exchange rate elasticity of migration. We have utilised micro-founded RUM model which under special condition allows for unobserved heterogeneity between the migrants and non-migrants. Using Indian migration data from 24 OECD countries spanning from 1995 - 2014, we have found out that with a 10% real depreciation of origin country currency, there is a 3.1% to 7% increase in migration flow.
- **Trend of Rural Non-Farm Sector Employment in India** (under review)  
*IGIDR*  
The paper based on National Sample Survey Data seeks to analyze the rural non-farm employment scenario at national and state level. It can be observed that employment in the manufacturing sector is on a decline while the construction sector is experiencing a boom and the tertiary sector has remained more or less stagnant. It can also be observed that some of the major agricultural states are doing relatively bad as compared to national average.
- **Frequency domain analysis of Industrial Cycles: Case Study of Indian Manufacturing Sector**  
*CSSSC*  
Using cross-spectral techniques we have tried to unearth the pattern of industrial cycles of the Indian manufacturing sector in sync to the GDP cycle and also their co-movement. It has been found that different industries act different during the phases of the cycle. We have identified turning points and duration of each industrial cycles.
- **Hindu Succession Act and Health Outcome: Second Generation Impact** (funded by Union College, NY, USA)  
(with Jeeten Giri)  
In India, amendments were made to Hindu Succession Act (2005) which gave equal rights to the female members of the family (which previously was only reserved the male members). We have analysed how this institutional change has affected the health outcome (as measured by the BMI z-score) of those children (0–5 years of age) whose mothers were married after the amendment was made. We hypothesise that this pro-female institutional change helped to increase the bargaining power of the mothers due to the psychological feeling that they now have a collateral to fall back, which leads to increase care and thus better health outcomes. By employing difference in difference estimation, we found that there is indeed a significant positive effect on BMI z-scores of the children. Furthermore, our result suggests that the effect is significant for the male child and insignificant for the female child.

## Work in progress

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- **Stocks and Wars: What does the data say?**  
(with Jeeten K. Giri (Southern Illinois University, USA))
- **Effect of Global Value Chains on Contract Workers Intensity**  
(with Anwesha Basu (IGIDR))
- **Impact of the Presence of Grandparents on Grandchildren's Cognitive Skill**  
(with Upasak Das (University of Pennsylvania) and Udayan Rathore (IGIDR))
- **Revealed Preference for Boy Child: Evidence from Self-Reported Health of the Elderly in India**  
(with Udayan Rathore (IGIDR))

## Conference, Seminar and Workshops

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- **Brown Bag Series** Bangalore, KA 2019  
*Indian Institute of Management, Bangalore (IIMB)*  
Paper Presentation: Hindu Succession Act and Health Outcome: Second Generation Impact

- 5th IGC-ISI Summer School**  
*International Growth Centre (IGC)*  
Speakers: Lakshmi Iyer, Aprajit Mahajan, Gaurav Chiplunkar and Namrata Kala
  - Workshop on KLEMS Database**  
*Reserve Bank of India (RBI)*  
Speakers: Viral Acharya, K.L. Krishna, B.N. Goldar, Suresh C. Aggarwal, Deb Kusum Das
  - XXVIIth Annual General Conference on Contemporary Issues in Development Economics**  
*Jadavpur University*  
Paper Presentation: *Exchange Rate Elasticity of Migration: Case Study of India*
  - Envision 2016**  
*University of Calcutta*  
Paper Presentation: *Analysis of the Incidence of Child Brides in India: A District Level Study*
  - Confluence 2012**  
*St. Xavier's College*  
Paper Presentation: *Food Security and Government Intervention: Current Scenario of India*

**New Delhi, DL**  
2019

**Mumbai, MH**  
2018

**Kolkata, WB**  
2017

**Kolkata, WB**  
2016

**Kolkata, WB**  
2012

## Technical Skills

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**Statistical Softwares:** STATA, R, EViews and gretl

**Language:**  $\text{\LaTeX}$ , HTML and Markdown

## Awards and Achievements

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- UGC-NET Qualified**  
*University Grants Commission*
  - M.Phil. Fellowship**  
*Indira Gandhi Institute of Development Research (IGIDR), Mumbai*

November 2017

August 2016 – 2018

## Language Fluency

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English (Read, Write and Speak), Hindi (Read, Write and Speak) and Bengali (native)

## References

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*Available upon request.*