Mayukh Banerjee

Curriculum Vitae

Research Scholar's room,
Department of Economics,
Delhi School of Economics,
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Interests

Interested in Economic Policy making in context of Business cycle theories with more emphasis on Keynesian and Newkeynesian theories. I am also interested in using Machine Learning techniques in context of Economic data analysis with more emphasis on Econometrics and Statistics. My research interest lies in the areas of **Macroeconomics (in both Short run and long run issues) and in Financial Economics.**

Education

2014-2017	**Bachelors in Economics**, *Subsidiary subjects - Statistics, Mathematics, Sociology & Political Science*, Presidency University, Kolkata, CGPA-**6.8/10**
2017-19	**Masters in Applied Economics**, *Specialization - Econometrics & Financial Economics*, Presidency University, Kolkata, CGPA-**7.3/10**
2020	**Lectureship for Assistant Professors**, *Economics*, UGC, Score - **196/300**
2021-Present	**PhD in Economics**, *Delhi School of Economics*, University of Delhi, Delhi

Experience

2019 - 2020   **Business Analyst, Times Group (Mumbai)**, *Pricing of printing rates and Revenue - cost analysis*
- Design of printing rates, analyzing of quarterly and monthly revenues and subsequent cost - benefit analysis.
- For basic analysis and data preparation MS Excel was preferable and for data analysis I worked in Python (mostly) and in R.

March 2022   **Research Assistant under Dr. Pami Dua & Dr. Divya Tuteja**, *Reserve Bank of India*
- The project was about the 'Effects of conventional and unconventional monetary policy on financial markets'.
- I collected monetary policy data for Indian economy and some global macro financial data. I also contributed with an extensive literature review related to the project.

May 2022   **Assistant Professor (Ad-hoc)**, *Shree Ram College of Commerce, University of Delhi*
- Course assigned - Mathematical Economics (MME - II)

Technical Skills

Programming Languages	R, MATLAB, PYTHON, STATA
Other softwares	LATEX, MS EXCEL

Relevant Coursework (upto 2022)

- Advanced Microeconomics - I (Presidency University)
- Advanced Microeconomics - II (Presidency University)
- Advanced Mathematical Economics (Presidency University)
- Financial Economics - I (Presidency University)
- Financial Economics - II (Presidency University)
- Econometric Methods - I (Presidency University)
- Advanced Econometrics - I (Presidency University)
- Time Series Econometrics (Presidency University)
- Mathematical Economics (DSE)
- Business Cycle Theories (RBC theories and New-Keynesian 3 equation models) (DSE)
- Advanced Econometrics (DSE)
- Macro - 1 (Macroeconomic theories of growth, ISI-D)
- Monetary Macroeconomics (ISI-D)
- Dynamic Programming (with Quantecon and Python programming) (DSE)
- Global Macroeconomics (Open Economy Macroeconomics, ISI-D)