

# Anjali Sinha

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## *Education*

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<b>PhD in Economics, Stony Brook University</b>	2017 - 2024 (expected)
<b>MPhil in Economics, Jawaharlal Nehru University</b>	2015-2017
<b>MA in Economics, Jawaharlal Nehru University</b>	2013-2015
<b>BA (Hons) in Economics, St.Stephen's College, Delhi University</b>	2010-2013

## *Research Papers*

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### **Decline of the labor share in India (Job Market Paper)**

The paper is a quantitative exercise to determine what contributed to the 7% points decline in the labor share of income in India from the 1980s to 2010. Post the liberalization reforms in 1991, the relative cost of investment goods (RPI) in India fell by 55% from the 1980s to the 2000s. In this paper, I estimate an increase of markups by 21% during the same time. I use these two exogenous shocks in a three-sector model to test the argument that explains the decline of the labor share of income using a fall in RPI against the markup argument explaining the same. The paper finds that all of the fall in labor share of income comes from increased markups in India. The decline of RPI prevents the labor share from falling further because of the complementarity of labor and capital in the Services sector, which has been the growing sector in India.

### **Universal Basic Income and Labor Job Search Decision**

Universal Basic Income (UBI) has been discussed as a policy instrument to address income losses to automation and improve total welfare. This paper looks at the job search implication of the policy. I use a search model with heterogenous agents and replace unemployment insurance (UI) with two versions of basic income (UBI). In the version where I replace cumulative UI with the same cumulative UBI in the economy, I find that the unemployment rate goes down from 4.9% in the benchmark economy to 4.41%. An alternative version I experiment with is replacing UI with UBI amount equivalent to \$1000 per month. UBI reduces the wedge between employment and unemployment by increasing the value of employment. This makes the workers target lower paying jobs which come with a higher probability of matching. As a result, the unemployment rate falls from 4.9% in the benchmark economy to 4.43% in the model with UBI equivalent to \$1000 per month.

## *Relevant Experience*

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<b>External Consultant</b>	Jun - Jul 2015
<b>Summer Intern</b>	Jun - Aug 2014
<i>NITI Aayog (Planning Commission of India)</i>	<i>Governemnt of India, New Delhi</i>

- Worked on the Econometric model for energy use by the Transport and Telecom sectors, and Steel industry using Gompertz curve. This work was used in the India Energy Security Scenarios (IESS), 2047, a tool to predict India's energy requirements in 2047.
- Worked on configuring Low Carbon Inclusive Growth (LCIG) model pathway for version 2.0 of the tool.
- Worked on documentation of the IESS features.

## *Other Experience*

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### **Teaching Instructor**

2021 - 2022

*Department of Economics*

*Stony Brook University*

- Eco 305: Intermediate Macroeconomics - Fall 2021, Spring 2022, Fall 2022.
- Eco 305: Intermediate Macroeconomics - Summer 2021 (online).
- Designed course content - topics, weekly schedule, assignments and exams. Held lectures explaining topics in the course (in-person courses) and content for asynchronous classes (online course), graded exams, coordinated with the TA, and managed a class of 70 students.

### **Teaching Assistant**

2017 - Present

*Department of Economics*

*Stony Brook University*

- Eco 108: Introduction to Economics - Fall 2017, Fall 2018 (Hybrid), Spring 2019.
- Eco 303: Intermediate Micro Economics - Spring 2018, Fall 2019.
- Eco 305: Intermediate Macroeconomics - Spring 2020 (in person and later online), Summer 2020 (online), Fall 2020 (online), Spring 2021 (online), Summer 2022 (online), Spring 2023.
- Taught two recitation sections with 35 students each, held office hours, managed discussion boards, and graded assignments and/or exams.

### **Conference Organization**

2019 - 2021

*Center for Game Theory*

*Stony Brook University*

- Successfully organized the 30<sup>th</sup> International Festival on Game Theory in 2019, attended by 400 participants, and the 31<sup>st</sup> and the first online festival in 2020, attended by 800 participants.
- Corresponded with the scientific organizers and the participants, made reservations for conference venue and accommodation for all participants, maintained the Center's website, led a team of 10 students during the 10-day festival arranging for refreshments, transportation and conference materials.

### **Economics Research Group**

2018-2019

*Department of Economics*

*Stony Brook University*

- Organized monthly meetings for students to discuss research, coordinated with presenters, arranged for refreshments and managed funds.

### **Economics Grievance Committee**

Spring 2023

*Department of Economics*

*Stony Brook University*

- Served as a student committee member. Discussed, evaluated evidence, and was a voting member in matters relating to academic dishonesty.

## *Specialized Skills*

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**Programming Languages:** Python, HTML, JAVA

**Other Software:** MATLAB, STATA, R, Latex, SPSS, Excel

## *References*

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### **Alexis Anagnostopoulos**

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### **David Wiczer**

Associate Professor

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