

# ANSHUL KUMAR SINGH

Pre-Final Year Undergraduate  
Indian Institute of Technology Kanpur

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## Education

Year	Degree	Institution	CPI/%
2015	M.Sc.(int.) Economics	Indian Institute of Technology , Kanpur	6.5/10.0
2008	Class XII (UP Board)	B.N.S.D Inter College	71.8%
2006	Class X (UP Board)	Ramsahay I C Bairi	64.0%

## Key Projects

### Ordered Response Comparison between Fitch, Standard & Poor, Moody Ratings

Jan-March'13

Guide: Prof. Somesh Mathur (IIT Kanpur)

- Determined factors affecting **Sovereign Debt Ratings** for **79 Countries** using the ratings given by the top credit ratings agencies
- Analyzed the ratings on **9 Explanatory variables** using **Ordered Logit & Probit** models using panel data set
- Results consolidated the predicted ratings being close to the actual ratings for developed and developing countries emphasizing external balance, inflation rate & external debt as significant factors in determining a country's ratings

**Achievement:** Paper accepted for oral Presentation at **International Conference on Social Science and Management 2013**, Indonesia organized by **Higher Education Forum**; Under peer review in **OXFORD BULLETIN OF ECONOMICS AND STATISTICS**; Ref: **OBES-13-196**

### Testing the J-Curve phenomena for India

Jul-Sep'12

Guide: Prof. Somesh Mathur (IIT Kanpur)

- Analyzed the J-curve to determine Econometrics Equation between CAB & Average Nominal Exchange Rate (NER), for trade balance & Exchange Rates, using previous literature of various countries
- Developed an inverted U-shaped curve which upon addition of AR(1) & MA(1) series gave significant coefficients

**Achievement:** Paper accepted for oral presentation at **3<sup>rd</sup> Global Accounting, Finance and Economics Conference held in Melbourne, Australia**

### Impact of falling Rupee on Foreign trade and Investment

July'13-Present

- Estimating the Marshall-Lerner condition by **analyzing import and export demand equations** on a bilateral basis for **India, US, China** to check whether **trade follows J-Curve** using monthly average time series data from November 1994 to August 2013
- Building a **relationship between Exchange Rate, Foreign Investment, Trade Balance** using OLS method and Econometric tests

**Achievement:** Abstract accepted in **National level Young Economist Competition 2013**, organized by Christ University, Bangalore

## Internships

### Empirical Industrial Organization and Finance

June-July'13

Guide: Dr. Stefan Lutz (Honorary fellow at the **University of Manchester, UK**)

- Analyzed the study done in "**Effects of taxation on European multi-nationals' financing and profits**" using North-American firms data sets
- Prepared the structure and estimated the Model for "**Profits in the mobile telecommunications industry**" using European data
- Compiled large **Compustat and Amadeus panel data sets** and made estimations using **Stata 12**

### Oravel Stays Pvt Ltd

May -June'13

- Conceptualized and implemented the listing of budget non-hotels for prime events within 10 km radius in India
- Collated the data for non-hotel lodgings for more than 10 cities updating their data on Amenities provided, Prices etc.

## Relevant Coursework

Probability & Statistics | Econometric Methods | Money and Banking | Security Analysis, Derivative& Portfolio Management\*

\*currently pursuing

## Position of Responsibilities

### Coordinator – Open District Athletics Meet hosted by IIT Kanpur

March'12

- Organized the **first ever** Athletics Meet at IIT Kanpur in affiliation with the **U.P. Athletics Association**
- Conducted trials for IIT Kanpur athletics team along with **increasing the total participation** in event from Kanpur district **over 500**

### Maintenance Secretary, Hall Executive committee Hall-1

July'13-Present

- Recommended a **new cost effective method** to **stop seepage** by using dual walls and tap technique
- Drafting a proposal to **revitalize** nursery of our hostel and **setup a temporary green house** in the hostel

### Coordinator – Athletics in Udghosh (Inter Collegiate Sports Festival of IIT Kanpur)

Sept'11

- Amplified the scale of event by increasing the strength of managing team and prize money thereby increased participation
- Introduced **Racewalking event**, promoted the **event in-campus and other colleges** securing participation from over **100 students**

## Extra-Curricular Activities

### Volunteer at Citizens for Accountable Governance

July'13-Present

- Increased the outreach of **Manthan**, a policy-making competition, by through extensive promotion in **over 50 colleges**

**Attendee** of 4th International Workshop on **Quantitative Finance** organized by IDRBT (India); IGIDR (India), IIT Kanpur (India) and Rensselaer Polytechnic Institute (USA)

**Member** of Institute's Athletics Team for the year 2011-2012; **Participated** in 100m and 400m distance athletics event Udghosh'11