

Anindo Sarkar

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EDUCATION

Indian Institute of Management, Ahmedabad (IIM A)	Post Graduate Diploma in Management (MBA)	2014 – 2016
Indian Institute of Technology, Kharagpur	B. Tech (Hons.) in Mechanical Engineering	2009 – 2013

RESEARCH EXPERIENCE

Indian School of Business (ISB) **Research Associate to Prof. Krishnamurthy Subramanian** **Jun 2016 - Present**

- Alternative Investments Policy Advisory Committee of the Securities Exchange Board of India (SEBI)
- Prediction of willful defaults in the Indian Banking Sector (Work in Progress)
- Related party transactions and willful defaults (Work in progress)
- Provided research inputs for policy making
- Developed framework for measuring and benchmarking performance of alternative investment vehicles in India
- Framework published as guidelines in SEBI report in Annexures 4, 5
- Developed research database on willful defaults in India
- Generated hypotheses and performed empirical verification of variables that affect willful default including governance variables, Altman z-scores and Merton distance to default
- Hypothesized and performed empirical inference of a natural experiment that exploits issuance of accounting standard as a natural experiment to tie willful default to transparency of accounting standards
- Developed loan level database of secured loans by defaulters in India

York University, Canada **Spacecraft dynamics control and navigation lab** **May 2012 – Jul 2012**

- Vibration of single link flexible manipulators
- Performed experiments to identify response of single link manipulators to impulse torques

Indian Institute of Science, Bangalore **Department of Aerospace Engineering** **May 2011 – Jul 2011**

- Visualization of flow past a missile configuration
- Performed CFD Simulations of flow over missile object
- Identified of special flow characteristics that influence missile dynamics
- Developed of protocol for efficient visualization of flow lines close to surface

PUBLICATIONS

- “Examination of affordable housing policies in India” (with U. Dhavalikar, V. Agrawal, S. Morris), published in Business and Management Horizons, 4, June 2016 (<http://www.macrothink.org/journal/index.php/bmh/article/view/9508>)
- Implementation of emissions trading system (ETS) in India (with Amit Garg) To be published in IIM-A Case Center

PROFESSIONAL EXPERIENCE

Macquarie Capital Securities Pvt. Ltd. **Intern, Analyst** **Apr 2015-Jun 2015**

- Buy side advisory for Private Equity clients in Entertainment and cement industries
- Pitch book for client in food and beverage industry
- Prepared database for business valuation of the target
- Prepared financial models for deal valuation
- Assisted in preparation of valuation presentations for deal execution
- Assisted in two deals worth USD 80 Mn and worth USD 1 Bn
- Performed industry analysis for projecting the direction of growth
- Performed firm level competency and gap analysis for the target client
- Prepared financial models for absolute valuation of potential acquisition targets of the client

KPMG, India **Management Consultant** **Jun 2013 – Jun 2014**

- Advisory project for Transport Department, Govt. of West Bengal
- Strategy paper for growth of Engineering exports of India, for Engineering
- Was involved in end to end consulting for monetization of land assets of client
- Built financial models for valuation of property and benchmarking
- Advisory for restructuring and sale of asset for revenue maximization
- Generated a revenue of INR 280 Mn for the Govt. of West Bengal
- Prepared case studies on 13 major competitors to Indian exports
- Conducted field survey of exporters to understand ground level challenges
- Executive summary: <https://www.eepcindia.org/download/Summary-startegy-paper-engg-exports-2014-19.pdf>

ACADEMIC ACHIEVEMENTS

- Completed **7 PhD level courses** in math, finance, economics and statistics at ISB and IIM A **2016-17**
- Within top **10% of students** at IIM A in second year (CGPA 3.52/4.33) **2016**
- Highest grade (A)** in **7 out of 16 finance courses** in second year at IIM-A **2015-16**
- Had **GPA of over 9** out of 10 in **3 out of 8** semesters at IIT Kharagpur, **2009-13**
- 99.6 Percentile** among 194,514 applicants in Common Admission Test (CAT) to IIMs **2013**
- All India Rank **216/ 165814 (99.87 percentile)** in Graduate Aptitude Test in Engineering (Mechanical Engg.) **2013**
- All India Rank **933/ 384977 (99.76 percentile)** in IIT Joint Entrance Exam **2009**
- Ranked 29** in in FTRE (Fiiitjee Talent Reward Exam) conducted in 41 cities in India **2008**
- High Distinction** in Australian National Chemistry Quiz conducted by Royal Australian Chemical Institute **2006**
- All India Rank 18** in Global Math Talent Search Examination conducted by Bright Career **2006**
- All India Rank 4** in National Mathematics Talent Competition, by Assoc. of Math Teachers of India (AMTI) **2005**
- Ranked 1** in mathematics in National Level Science Talent Search Examination (NSTSE) **2005**
- High Distinction** in Science (99%ile) in IAIS Exam by University of New South Wales **2005**
- Ranked 25** in Global Math Talent Search Examination conducted by Bright Career **2005**
- Distinction** in Mathematics (97%ile) in IAIS Exam by University of New South Wales **2004**

HONORS

- MITACS Globalink Scholar 250 selected amongst 1800 applicants from India, Brazil, Mexico, China for research in universities in Canada **2012**
- Summer Research Fellow at Indian Institute of Science, Bangalore sponsored by Indian Academy of Sciences, National Academy of Sciences and Indian National Science Academy **2011**

TERM PAPERS

- Financing of firms: “On collateralized debt obligations”
- International finance: “Inflation expectations and Abenomics”
- Valuation of firms: “On the Dell EMC deal – Valuation of EMC Corp”
- Massive change in economics & finance: “Examination of stock market bubbles – the Chinese stock market crash – June 2015”

RELEVANT COURSES

- Financial Markets:** Futures, options & risk management; Fixed income securities – rates; Trading strategies; Asset backed securitization
- Asset Management:** Alternative investments and hedge funds; Modern investment and portfolio management
- Corporate Finance:** Corporate finance; Valuation of firm; Financing of firm; Merger acquisition & corporate restructuring
- Quantitative finance:** Pricing and hedging of derivative securities; Derivative pricing (PhD Course)
- Economics:** Macroeconomic theory & policy; Monetary theory & policy; International finance; Economic environment & policy; Microeconomics A (PhD course); Microeconomics B (Game theory) (PhD Course)
- Math and Statistics:** Statistics (PhD course); Linear Algebra (PhD course); Econometrics – (cross sectional) (PhD course); Econometrics- (Time Series) (PhD course); Transform Calculus, PDEs
- Algorithms and computing:** Programming and data structures (in C); Foundations of computing; Divide and conquer algorithms (Coursera certificate)

RESEARCH SKILLS

- Econometrics: Estimation of panel data and cross-sectional models, causal inference
- Databases: Bloomberg, Prowess, Capital-IQ, WRDS – CRSP and Compustat
- Softwares: Matlab, VBA, Python, Stata

OTHER ACTIVITIES

- Nascent blog on macroeconomics and finance: <https://capmsite.wordpress.com/about/> **2016-**
- Finished 42nd among 4816 finishers in Airtel Hyderabad 10k run (time: 48:08) **2017**
- Finished in 10th percentile of finishers in Airtel Hyderabad Half Marathon (time: 2:00:22) **2016**
- Physics and astronomy: Core member of astronomy club at IIM Ahmedabad **2016**
- Was member of NSO (National Sports Organisation) Athletics at IIT Kharapur **2010**

REFERENCES

- Dr. Krishnamurthy Subramanian, Associate Professor, of Finance, ISB
- Email: krishnamurthy_subramanian@isb.edu, Phone: (+91) 40 2318 7169
- Dr. Sanket Mohapatra, Associate Professor, Economics and Finance Area, IIM Ahmedabad
- Email: sanketm@iima.ac.in, Phone: (+91) 79 6632 4386
- Dr. Amit Garg, Professor, Public Systems Group, IIM Ahmedabad
- Email: amitgarg@iima.ac.in, Phone: (+91) 79 6632 4952