

ANISH SUGATHAN

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EDUCATION & TRAINING

- 2013 – 2015 **Harvard Kennedy School of Government**, Cambridge MA, USA
Post-Doctoral Research in Sustainability Science
Faculty Host: Prof. Rohini Pande & Prof. Michael Greenstone
- 2008 – 2013 **Indian Institute of Management Bangalore**, Bangalore India
Fellow (Ph.D) Corporate Strategy & Policy
SAP Labs India, Doctoral Scholarship
Dissertation Title: “Essays on Institutional Determinants of Firm Behavior”
Advisors: Prof. S. Chandrashekar, Prof. Deepak Malghan & Prof. Deepak K. Sinha
- 1997 – 2001 **University of Kerala**, Kerala India
Bachelor of Technology (B.Tech), Electronics & Communication Engineering
First Class with Distinction,
Alumni Proficiency Award for Best Outgoing Student

CURRENT & PREVIOUS POSITIONS

- 2015 – **Indian Institute of Management**, Ahmedabad, India
Assistant Professor, Business Policy Area
- 2015 – **Harvard Kennedy School of Government**, Cambridge MA, USA
Associate in Sustainability Science
- 2013 – 2015 **Harvard Kennedy School of Government**, Cambridge MA, USA
Post-Doctoral Research Fellow in Sustainability Science Aug, 2013-Jul, 2015
Mossavar-Rahmani Center for Business and Government,
and Evidence for Policy Design
- 2013 **Indian Institute of Management Bangalore**, Bangalore, India
Post-Doctoral Research Associate, May, 2013-Sep, 2013
Corporate Strategy & Policy Area
- 2012 – 2013 **National Institute of Advanced Studies**, Bangalore, India
Research Associate, with Prof. S. Chandrashekar,
Honorary JRD Tata Visiting Professor
- 2011 – 2012 **Centre for Development Studies**, Thiruvananthapuram, India
Research Associate, with Prof. S. Irudaya Rajan, Chair Professor
Research Unit on International Migration
- 2002 – 2008 **Bharat Heavy Electricals Limited**, India (Govt. of India, Public Sector)
Senior Product Engineer (Design) Aug, 2006-Jun, 2008
Planning Engineer (CEO’s Office) Jul, 2006-Aug, 2006
Development Engineer (Research) Jul, 2002-Jul, 2006
- 2001 – 2002 **IBM Global Services**, Bangalore, India
Research & Development Engineer Aug, 2001-Feb, 2002

FELLOWSHIPS & AWARDS

2013	Giorgio Ruffolo Post-Doctoral Fellowship, Harvard Kennedy School
2010	SAP Labs India Scholarship for doctoral studies, IIM-Bangalore.
2009	39 th St.Gallen Symposium Wings of Excellence Award, Selected for participation
2006	Competitively selected for assisting the Executive Director of BHEL Trichy
2005	First recipient of BHEL Young Innovator Award
2001	Best Outgoing Student, Alumni proficiency award in college
1996	Jawaharlal Nehru Science Quiz Competition, National level runner-up
1995	National Scholarship Scheme, Merit Certificate for grade X th exam of Central Board of Secondary Education, India
1995	Top 0.1% Certificate of Merit in Science for grade X th exam of Central Board of Secondary Education, India

PUBLICATIONS & RESEARCH

"[The influence of governance infrastructure and corporate governance on profit shifting](#).", Anish Sugathan & Rejie George, 2015, *Journal of International Business Studies*, Advance online publication.

"[Lower Pollution, Longer Lives](#): Life Expectancy Gains if India Reduced Particulate Matter to Air-quality Standards", with Michael Greenstone, Janhavi Nilekani, Rohini Pande, Nicholas Ryan, Anant Sudarshan & Anish Sugathan, 2015, *Economic & Political Weekly*, Vol. L No. 8, 40-46

"[Estimation of firm-level productivity changes in the Indian power sector: Disentangling unobserved heterogeneity by a transformed fixed-effect stochastic frontier model](#)", with Deepak Malghan, S Chandrashekar & Deepak Sinha (IIM-B working paper, targeting *Energy Economics*)

"Coal Fired Power-Plant in India", with Rohini Pande (Advanced working paper)

"Modeling Health and Economic Impact of Anthropogenic Air Pollution", with Scot Miller, Rohini Pande, (Research in progress)

"Institutional Design for Efficient Provision of Electricity: Experimental Study of Electricity Consumption under Misallocation and Pilferage", with Deepak Malghan, Rahul Tongia, Vishal Mehta & Rohini Pande (Research in progress)

PATENTS

Indian Patent, "Low Temperature Vapor Absorption Energy Conversion Device", IN249887
Granted: 25/11/2011 Journal No. 47/2011, Single Inventor. IPR with BHEL, India

Indian Patent, "An Apparatus and Method for Testing and Calibration of Control System for Bulk Solid Feeder by Simulated Input & Output", No. 791/KOL/2008, Filed 06/03/2008, Co-Inventor, IPR with BHEL, India

COMMENTARY, BOOK REVIEW & RESEARCH IN MEDIA

"Policy activism alone won't end the farm fires that are hurting public health in north India" OpEd, Nov 24, 2015, [Business Standard](#), [IndiaSpend.org](#), [Scroll.in](#)

"[Corporate tax rates in response to profit shifting](#)", Oct 24, 2015, Mint OpEd

Media coverage for "Lower Pollution, Longer Lives" EPW article: [Economic Times](#), [Indian Express](#), [The Hindu](#), [NDTV](#), [Hindustan Times](#), [Times of India](#), [US News & World Report](#), [Fox Business](#), [Miami Herald](#), [Bangkok Post](#),

[Herald Standard](#), [International Business Times](#), [Financial Express](#), [State Times](#), [The Health Site](#), [Khaleej Times](#), [New York Times](#), [Mint](#), [Chicago Tribune](#), [The Tribune](#), [Huffington Post](#), [ABC News](#), [Philippine Star](#), [South China Morning Post](#), [Asian Image](#), [DNA India](#), [Business Standard](#), [Deccan Herald](#), [Asian Age](#), [Zee News India](#), [IBN Live](#), [Pennsylvania Tribune](#), [RYOT](#), [Seattle Times](#), [Arkansas Online](#), [Saudi Gazette](#), [Macau Daily Times](#), [Khaleej Times](#), [UPI](#), [The Weather Network](#)

“[New Emission Concerns](#)”, Mint Opinion Editorial (Sep 22, 2014), By Jairam Ramesh, Former Environment Minister, India

“[Background Paper](#) for Greenstone and Pande, International New York Times OpEd (Feb 10, 2014)” with Janhavi Nilekani

“Modern growth theory”, Dipankar Dasgupta, Oxford University Press, Book Review, IIMB Management Review, 67-68, 2012

“Building a world-class civil service for twenty-first century India”, S.K. Das, Oxford University Press, Book Review, IIMB Management Review, 122-123, 2011

“Insights from Complexity Theory: Understanding Organizations Better”, with Amit Gupta, tejas@iimb, 2008

CONFERENCES & SEMINARS

“The Challenges in Balancing Economic Development and Environmental Sustainability”, Harvard India Conference, 2015, on panel discussion with Ambassador Pradeep Kapur and Prof. Rohini Pande

“Evaluating Emission Control Policies for the Indian Power Sector”, Sustainability Science Fellows Seminar, 2013, Harvard Kennedy School of Government

Inaugural Paul R. Lawrence Annual Conference: Connecting Rigor & Relevance in Institutional Analysis, 2013, Harvard Business School (Selected for doctoral pre-conference)

“Institutions of Economic Governance and Corporate Governance: The Case of International Earnings Shifting”, Academy of Management 2012 Annual Meeting, Boston

Dissertation Colloquium, Business Policy and Strategy Division, Academy of Management 2012 Annual Meeting, Boston.

“Institutions of Economic Governance and Corporate Governance: The Case of International Earnings Shifting”, Indian Institute of Management Bangalore, Doctoral Seminar 2012, Bangalore India

“Routine Driven Process of Organizational Change: The Micro-origins of Adaptive Performance”, with S. Chandrashekar, European Academy of Management 2012 Annual Meeting, Rotterdam, Netherlands (Selected)

Campus for Finance: Private Equity Conference 2012, WHU-Otto Beisheim School of Management, Vallendar, Germany (Selected)

“Geopolitics and the Free Spirit of Human Enterprise”, 39th St.Gallen Symposium 2009, St. Gallen University, Switzerland

INVITED TALKS & LECTURES

Aug, 2014 “Research & Career Avenues for Management Scholars from India”, Indian Institute of Management Bangalore, India

Oct, 2012 “Regression Models of Migration from Large Scale NSSO Survey Data”, Centre for Development Studies, Thiruvananthapuram, India

- Jun, 2012 “Introduction to Statistical Analysis of Survey Data”,
Azim Premji University, Bangalore, India
- 2009 – 2013 “Introduction to the Fellow Program: Preparing Proposal for
Doctoral Research”, Indian Institute of Management Bangalore, India
- Mar, 2012 “Data Analysis and GIS Mapping of Migration from NSSO Survey Data”
Centre for Development Studies, Thiruvananthapuram, India
- Feb, 2012 “Estimating International Migration from NSSO Survey Data using R”
Centre for Development Studies, Thiruvananthapuram, India

RELATED RESEARCH & PROFESSIONAL EXPERIENCE

Academic & Consulting

- 2013 **Pristech Analytics, Bangalore**, Startup Consulting
- Helped with startup strategy and developed analytics operations model.
- 2012–2013 **National Institute of Advanced Studies (NIAS)**, Bangalore, Research Assistance
- Structure of the International Uranium Markets with Prof. S.Chandrashekar, JRD Tata Visiting Professor
 - Quantitative Estimation of Uranium Mining, Milling and Enrichment Using Satellite Imagery, with, Prof. S.Chandrashekar and Prof. Lalitha Sundaresan, NIAS, Bangalore and Prof. Bhupendra Jasani, Department of War Studies, King’s College London
- 2011–2012 **Centre for Development Studies**, Research Assistance
- NSSO data analysis and modeling for the book project “Emigration in 21st-Century India: Governance, Legislation, Institutions”, Routledge India, 2014, by S. Krishna Kumar and Prof. Irudaya Rajan, MOIA Chair Professor, CDS, India
- 2010 **Research Assistance to founding secretary of MOIA**
- Charting Strategic Roadmap for the Ministry of Overseas Indian Affairs (MOIA), to S. Krishna Kumar (Retd. IAS), founding secretary of MOIA
- 2006 **Bharat Heavy Electricals Ltd**, Business Policy
- “Five year corporate strategic plan”, Executive assistant to Dr.V.Gopalakrishnan, Executive Director, Bharat Heavy Electricals Ltd., Trichy India
- 2001 **Indian Space Research Organization**, Undergraduate Project
- “Modeling and performance evaluation of computer memory architecture” at the Mission Synthesis & Simulation Group, Vikram Sarabhai Space Centre

Industrial Research & Design

- 2002–2008 **Bharat Heavy Electricals Ltd**, India
- “India’s first 800MW once-through supercritical power plant simulator”, development of dynamic system model and control scheme for steam temperature controller
 - “India’s largest superheated once-through steam test facility”, contributed to instrumentation and control system design
 - “Techno-economic feasibility report for in-house development of Solid Oxide Fuel Cell”, working jointly with IIT-Madras and Regional Research Lab Thiruvananthapuram
 - “NOx reduction by Over-Fire Air technology”, contributed to control scheme design for research project at 250 MW Suratgarh Thermal Power Plant, Rajasthan, India
 - “Thermal design of 250MW coal fired thermal power plants”, performed thermal design of Paricha and Harduaganj 2x250MW thermal plants for the Uttar Pradesh Rajya Vidyut Utpadan Nigam Ltd., U.P, India

RELATED TRAINING & COURSEWORK

Sustainable Development

Massachusetts Institute of Technology (2014)

MIT-Harvard Working Group on Evaluating Technology and Policy for Sustainable Development,
Member of initiative chaired by Profs. William Clark & Noelle E. Selin

Harvard Kennedy School (2013)

Policy Analysis and Design for Sustainable Development, (Audit) Prof. William Clark

*Methods***Massachusetts Institute of Technology (2014)**

Applied Econometrics: Mostly Harmless Big Data, (Audit) Profs. Joshua Angrist, Victor Chernozhukov

Harvard University (2013–14)

Empirical Industrial Organization (Audit), Prof. Ariel Pakes,

Indian Institute of Management Bangalore (2008–10)

Inference in Observational Settings, Prof. Arnab Mukherji (A Grade, 3.61/4.00) • Research Methods–I & II (B Grade, 3.49 & 3.45/4.00), Prof. Gopal Naik • Quantitative Methods–I & II (A Grade, 3.51 & 4.00/4.00), Profs. S. Das & Nagdevera • Qualitative Research Methods (A Grade, 3.57/4.00), Prof. Ganesh Prabhu • Simulation for Decision Making (A Grade, 3.52/4.00), Prof. Rajluxmi Murthy

LANGUAGES

English (Fluent), Hindi (Fluent), Malayalam (Native)

COMPUTER SKILLS

R, STATA, MATLAB, Python, C/C++, Programming with Big-Data in R – pbdR (Distributed and High Performance Computing), GIS (QGIS, PySAL), LATEX, Microsoft Office Suite

REFEREES

References shall be provided on request.

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