

# Anchal Soni

## CONTACT INFORMATION

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## RESEARCH INTERESTS

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Time Series Analysis, Dimension Reduction Techniques, Independent Component Analysis

## EDUCATION

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- **Indian Institute of Management** Bangalore, India  
*Doctor of Philosophy (PhD), Area - **Decision Sciences*** May 2016 - present
- **Faculty of Mathematical Sciences** University of Delhi, India  
*M.Sc. Statistics* 2009-2011
- **Lady Shri Ram College for Women** University of Delhi, India  
*B.Sc.(H) Statistics* 2006-2009
- **Budding Buds Sr. Sec. School** Tinsukia, Assam, India  
*Central Board of Secondary Education; Class 12* 2006
- **Budding Buds Sr. Sec. School** Tinsukia, Assam, India  
*Central Board of Secondary Education; Class 10* 2004

## TEACHING EXPERIENCE

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- **Indian Institute of Management** Bangalore  
*Preparatory course Teacher* June 2019
  - **Course:** Quantitative Techniques for PGP
  - **Role:** Sessions on Basic Mathematics & Statistics for incoming PGP batch - 13 sessions of 90 minutes each
- **RBI Academy** Mumbai  
*Teaching Assistant* December 2018
  - **Course:** Programme on Advanced Financial Econometrics conducted by Prof Malay Bhattacharyya
  - **Role:** Conducted Hands on training sessions in R on concepts covered in the course
- **Indian Institute of Management** Bangalore  
*Teaching Assistant* 2018 onwards
  - **TA1:** Decision Sciences by Prof Ishwar Murthy, EPGP1, May 2018
  - **TA2:** Applied Multivariate Data Analysis by Prof Malay Bhattacharyya, PGP2, July 2018  
Conducted sessions on how to use the software R in applying concepts of Statistics
  - **TA3:** Big Data Analytics with Networks by Prof Shankar Venkatgiri, PGPEM2, July 2018
  - **TA4:** Decision Sciences I by Prof Malay Bhattacharyya, PGP1, July 2019
  - **TA5:** Applied Multivariate Data Analysis by Prof Malay Bhattacharyya, PGP2, July 2019  
Conducted sessions on how to use the software R in applying concepts of Statistics
  - **TA6:** Decision Sciences II by Prof Rajluxmi Murthy, PGP1, October 2019
  - **TA7:** Decision Sciences I by Prof Rishideep Roy, PGP1, October 2020
  - **TA8:** Decision Sciences II by Prof Ishwar Murthy and Prof Trilochan Sastry, PGP1, November 2020
- **KC College** University of Mumbai  
*Assistant Professor* June 2014 - Jan 2016
  - **Area:** Taught Statistics to BMS/BAF/BFM/BBi students
  - **Workshops:** Conducted Workshops on 'Communication Skills and Group Discussion'
- **Bombay Hospital College of Nursing** Mumbai, India  
*Visiting Faculty* Summer 2015
  - **Area:** Taught Statistics to M.Sc. Nursing students

- **Budding Buds Sr. Sec. School**

*Post Graduate Teacher*

Tinsukia, Assam, India

*Nov 2011 - Sep 2012*

- **Area:** Taught Mathematics and Statistics in Class 12, 11
- **Award:** Best Teacher Award 2012 for innovative ideas and creativity while teaching

#### CONFERENCE

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- **Shailesh J Mehta School of Management, IIT Bombay, Feb 2018:** Independent Components in Information Demand for Cryptocurrencies (*with Ravi Prakash Ranjan*)

#### ACHIEVEMENTS

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- **Academic:** Cleared CT-1 (Financial Mathematics) and CT-3 (Probability and Mathematical Statistics) under Institute of Actuaries of India, Oct 2009
- **Internship:** Worked under the guidance of Prof. Amber Habib for 'Finance Project', Mathematical Science Foundation, New Delhi, Oct 2009 - March 2010

#### COMPUTATIONAL AND LANGUAGE SKILLS

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- **Computational:** Skilled in Programming with R, Latex and SPSS
- **Language:** Proficient in Hindi and English