

# SATENDER RANA



## EDUCATION

2023

### Indian Institute of Management Lucknow (IIML)

Executive Programme in Data Science

Hybrid

2021

### London School of Economics and Political Science (LSE)

MSc Dev. Management (Applied Development Economics)

London, UK

**Dissertation:** Impact of Social Capital on Social Distancing and Spread of COVID-19 in India.



## WORK EXPERIENCE

Present

2021

### Senior Research Fellow | Research Lead (Talent Management study | Knowledge Institute)

Indian School of Development Management (ISDM)

Noida, India

- Prepared 3 [research reports](#) from talent study.
- Developed 2 [cases](#) on talent management.
- Conducted 2 workshops on qualitative thematic coding using MAXQDA.

2021

2021

### Independent Consultant

International Rice Research Institute (IRRI)

Remote

- Developed indicators, data collection tool, and index for measuring and monitoring women's agri-entrepreneurship capacity (WAECC).
- Prepared a research report and a working paper on WAECC index.

2021

2020

### Graduate Consultant

The World Bank

Remote

- Conducted feasibility study for the implementation of Artificial Intelligence (AI) based Governance Risk Assessment System (GRAS).
- Prepared a research report on the feasibility study of GRAS.

2020

2020

### Senior Manager

Birla Institute of Management Technology (BIMTECH)

Greater Noida, India

- Conducted demand and supply side analysis for micro-insurance product development and product testing for the beneficiaries of SWAPNO project of UNDP Bangladesh. Also, led a baseline survey and community needs assessment study.
- Organised a national webinar on "Impact of COVID-19 on Indian agriculture".

2020

2016

### Programme Manager

BIMTECH

Greater Noida, India

- Generated revenue worth USD1,33,000 with national (JSW Cement Ltd., JK Paper Ltd., Epsilon Carbon) and international (UNDP Bangladesh) organisations.
- Led 5 development consultancy projects (Impact Evaluation, Baseline Surveys, Community Needs Assessment, Situation Analysis and Perception Mapping) across India covering 90 villages spread across 9 districts. Led perception mapping of a CSR interventions of NTPC Dadri in 6 villages.
- Led data collection, preparation, quality assurance and analysis of structured and unstructured data (textual), and data visualization
- Developed and implemented econometric model (Difference-in-Differences) for the impact evaluation of a microfinance project.
- Published research article in a peer reviewed ABDC category 'A' rated journal.
- Organised 3 national workshops on CSR, 1 capacity building training programme.

2016

2015

### Assistant Program Officer

Indian Social Responsibility Network

New Delhi, India

- Led impact assessment of sanitation project of Sunil Healthcare Limited.
- Liaised and coordinated with network NGOs, companies for project implementation.
- Organised two national level workshops on NGO management

## CONTACT

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[rana.satender@hotmail.com](mailto:rana.satender@hotmail.com)

[in linkedin](#)

[github](#)

[portfolio](#)

## SKILLS

### TOOLS

R programming language for statistical analysis and visualization (ggplot2, tidyverse, purrr, tibble, MICE, Amelia, missForest, Hmisc, mi, lubridate, caret) | STATA | Excel | MAXQDA | Zotero | Adobe InDesign | Word | PowerPoint | Google Workspace (Docs | Sheets (Simple ML for Sheets) | Slides | Forms)

### SOCIAL RESEARCH & DATA SCIENCE

Exploratory data analysis (EDA) | Regression analysis (Linear, Logistic, Fixed Effects) | Time series | Statistical modeling | Econometrics | Impact evaluation | Experimental (RCT) and quasi-experimental research and statistical technique for estimating causal relationships (PSM, IV, RDD, DID) | Systematic literature reviews | Participatory research methods (FGDs | in-depth interviews) | Thematic coding (open and axial) and analysis | Surveys | Development of evaluation framework (Theory of Change and log-frame) | Data collection, preparation, quality assurance and analysis of structured and unstructured data (textual), and data visualization | Report writing

### LANGUAGES

English | Hindi



## TEACHING EXPERIENCE

2022	<b>Qualitative Thematic Coding and Analysis using MAXQDA</b> Resource person at ISDM	📍 Noida, India
2018	<b>Needs Assessment and Impact Evaluation</b> Resource person at BIMTECH	📍 Greater Noida, India
2019   2017	<b>Corporate Social Responsibility (CSR) and Sustainability</b> Took a few sessions of CSR and Sustainability Course at BIMTECH	📍 Greater Noida, India



## TRAINING

2022	<b>Exploratory Data Analysis with Categorical Variables Regression Models: Dummy Variables and Logit/Probit using Eviews</b> <a href="#">IMPRI Impact and Policy Research Institute</a>	📍 Online
2022	<b>Google Data Analytics Professional Certificate</b> <a href="#">Coursera</a>   Google	📍 MOOC
2022	<b>Machine Learning A-Z™: Hands-On Python &amp; R In Data Science</b> <a href="#">Udemy</a>	📍 MOOC
2022	<b>R Programming: Advanced Analytics In R For Data Science</b> <a href="#">Udemy</a>	📍 MOOC
2021	<b>Qualitative Data Analysis with MAXQDA Software</b> <a href="#">Coursera</a>   Emory University	📍 MOOC
2021	<b>STATA</b> London School of Economics and Political Science	📍 London, UK
2021	<b>R programming</b> London School of Economics and Political Science	📍 London, UK
2020	<b>Data Science: R Basics</b> <a href="#">edX</a>   HarvardX, Harvard University	📍 MOOC
2020	<b>Adobe InDesign CC - Essentials Training Course</b> <a href="#">Udemy</a>	📍 MOOC
2020	<b>Adobe InDesign CC - Advanced Training Course</b> <a href="#">Udemy</a>	📍 MOOC
2017	<b>Predictive Analytics with R</b> BIMTECH	📍 Greater Noida, India
2014	<b>Summer School in Environmental and Resource Economics</b> <a href="#">South Asian Network for Development and Environmental Economics (SANDEE)</a>	📍 Bangkok, Thailand
2014	<b>The Age of Sustainable Development (With Distinction)</b> <a href="#">Coursera</a>   Columbia University	📍 MOOC
2014	<b>Global Trends for Business and Society</b> <a href="#">Coursera</a>   Wharton Business School	📍 MOOC
2014	<b>New Models of Business in Society</b> <a href="#">Coursera</a>   Darden School of Business	📍 MOOC
2014	<b>Introductory e-course on Climate Change</b> <a href="#">United Nations Institute for Training and Research</a>	📍 MOOC



## PUBLICATIONS

2022	<b>Community Development Centre: A Covenant with the Baiga (tribe)</b> <a href="#">ISDM Case Centre</a> Menon S, Rana S, Merchant K, Pandey A.	📍 Noida, India
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2022	<b>National Centre for Promotion of Employment for Disabled People: Dignifying the Disabled</b> <a href="#">ISDM Case Centre</a> Menon S, Rana S, Merchant K.	📍 Noida, India
2022	<b>Cage of norms</b> <a href="#">LinkedIn post</a> Rana S	📍 Online
2021	<b>Unpacking gender dynamics in food systems</b> <a href="#">LSE Department of International Development Blog</a> Rana S	📍 London, UK
2021	<b>Institutional Social Responsibility: A B-School's response towards COVID-19</b> <a href="#">India CSR</a> Rana S, Tiwari R.	📍 Online
2018	<b>The Role of Law in Promoting CSR: The Case of Indian Maharatna Public Enterprises</b> <a href="#">International and Comparative Corporate Law Journal</a> , vol. 13 (2), 2018: pp. 57-106. <b>ABDC A</b> Rana S, Sahay A.	📍 Online
2018	<b>Principles of Sufficiency Economy and Sustainable Development</b> <a href="#">Shodh Gyaan</a> , vol. 5 (2), 2018: pp. 27-30. Rana S	📍 Greater Noida, India
2018	<b>Review of book “Poor Economics: A Radical Rethinking of the Way to Fight Global Poverty”, by A. Banerjee &amp; E. Duflo</b> <a href="#">Shodh Gyaan</a> , vol. 5 (1), 2018: pp. 60-67. Rana S	📍 Greater Noida, India



## SELECTED AWARDS AND ACHIEVEMENTS

2020	<b>Commonwealth Shared Scholarship</b> Commonwealth Scholarship Commission in the UK and LSE	📍 London, UK
2020	<b>Accepted to the MSc in Evidence-Based Social Intervention and Policy Evaluation</b> University of Oxford	📍 Oxford, UK
2018	<b>Jindal Doctoral Scholarship to pursue PhD programme in Management</b> O.P. Jindal Global University	📍 Sonipat, India
2015   2013	<b>G D Birla Academic Merit Scholarship</b> BIMTECH	📍 Greater Noida, India



## REFERENCES

<b>Sourabh Bishnoi, Associate Professor of Operations, Decision Science &amp; IT</b> <a href="#">Birla Institute of Management Technology (BIMTECH)</a> E: <a href="mailto:sourabh.bishnoi@bimtech.ac.in">sourabh.bishnoi@bimtech.ac.in</a>   M: +91-120-6843000-10, Extension: 395	📍 Greater Noida, India
<b>Stephanie Levy, Guest Lecturer, Department of International Development</b> <a href="#">London School of Economics and Political Science (LSE)</a> E: <a href="mailto:s.levy@lse.ac.uk">s.levy@lse.ac.uk</a>	📍 London, UK
<b>David Hendry, Assistant Professor in the Division of Social Science</b> <a href="#">The Hong Kong University of Science and Technology</a> E: <a href="mailto:hendry@ust.hk">hendry@ust.hk</a>   T: (852) 2358-8327	📍 Hong Kong