

Academic Qualifications

Course Name	College/School/University	Year of Passing	Marks Obtained
Ph.D. Economics	Delhi School Of Economics, Delhi University	Pursuing (Enrolled in 2018)	N/A
M.A. Economics	Delhi School Of Economics, Delhi University	2017	62.13%
B.A. (H) Economics	Sri Guru Gobind Singh College of Commerce, Delhi University	2015	81.84%
12 th Class	D.L.D.A.V. Model School, Shalimar Bagh, Delhi (CBSE)	2012	95%
10 th Class	D.L.D.A.V. Model School, Shalimar Bagh, Delhi (CBSE)	2010	89.3%

Academic Achievements/ Awards and Accomplishments

- Qualified the Junior Research Fellowship (JRF) in Economics conducted by UGC 2022
- Received the CDE-DSE Research Fellowship 2019
- Qualified National Eligibility Test (NET) in Economics conducted by UGC 2018
- Awarded “*Certificate of Merit*” for securing “*2nd position in graduation*” 2015
- Topper in “*Statistical Methods in Economics*” (100/100), “*Real Analysis*”, “*Microeconomics*”, “*Public Economics*” and “*Indian Economic Development*” papers in graduation 2015

Subjects opted in post-Graduation

Microeconomic Theory, Introductory Mathematical Economics, Introduction to Game Theory, Introductory Econometrics, Economic Development and Policy in India, Macroeconomic Theory, Mathematical Economics, Topics in Economic Theory, Dynamic Macroeconomics, Econometric Methods, Public Economics I, Public Economics II, Applied Environmental Analysis, Applied Production Analysis, Economic Theory of the Firm, Development Economics, Industrial Organization, Issues in Economic Systems and Institutions, Political Economics

Work Experience

- **Assistant Professor (Ad-hoc), Department of Economics, Shivaji College** **Nov 2020-Present**
 - Taught Introductory Econometrics, Data Analysis, International Trade, Statistics and Mathematical Methods of Economics papers
- **Assistant Professor (Ad-hoc), Department of Economics, SRCC** **Aug 2019-Apr 2020**
 - Taught Intermediate Microeconomics-II, Applied Econometrics and Mathematical Methods of Economics papers
- **Assistant Professor (Guest) , Department of Economics, Kirori Mal College** **Jan-Apr 2019**
 - Taught Financial Economics (Sem VI-B.A.(H) Economics)
- **Research Assistant, Dr. Ram Singh, Professor, Delhi School of Economics**
 - Project 1: Public–private partnerships vs. traditional contracts for highways: Comparison of cost and quality of roads** **2018**
Nov-Dec
 - Transformed the dataset on National highways to run different iterations of regression equations (OLS and 2SLS) and stored the results in a directly usable LaTeX format in Stata.
 - Prepared write-ups for *Literature review* and *methodology* sections published in the paper
Link: <https://link.springer.com/article/10.1007%2Fs41775-018-0032-0>
 - Project 2: Scope of Eminent Domain power in Indian states** **2017**
Jun-Aug
 - Undertook a comprehensive study of the Land Acquisition Act, 1894 and its various amendments upto 2016 and created various indices at the state level.
- **Consultant II, EXL Service, Gurgaon** **Sept 2017- Dec 2018**
 - Worked on a research project (Current Expected Credit Losses (CECL) initiative) which aims to implement the new statutory banking guidelines in the U.S. from 2019 onwards.

- Cleaned and prepared a master dataset by merging a combination of different files containing millions of records of the industry provided data followed by the analysis of the data.
- Developed various statistical and empirical models at portfolio and account level to estimate the lifetime losses of a financial institution over the current portfolio after calculating *Life of Loan (LoL)* for the products with undefined term of loan.

Internship

- **Summer Intern, Economic Statistics Division, Ministry of Statistics & Programme Implementation** 2016
 - Undertook Project on Developing Methodology and Estimation of Index of Service Production *June-July* for Various Sectors in India, i.e., Hotels and Restaurants; Other business activities; and Sewage and refuse disposal, sanitation and similar activities – prepared Laspeyres’ chain-linked indices using database discovered after intensive research.

Academic Projects

- **Pursuing Ph.D. in Economics from Department of Economics, Delhi School of Economics** 2018-Present
 - Prepared a comprehensive dataset on various projects at the national and state level for construction of highways from NHAI and other authorities since 1998
 - Conducted different type of analysis to compare the performance of traditional and Public-Private Partnership contracts for the highways
 - Studying the toll collection and Operation & Maintenance Cost data separately to identify the Internal rate of Return for the projects
- **Term Paper on “Relative Efficiency of Private vs. Public firms”** 2019
 - Using the parametric and non-parametric methods, estimated the efficiency levels of each individual firm engaged in provision of electricity and water services from the ASI data
 - Compared the performance of private, public and the jointly owned firms by aggregating the efficiency scores across these ownership categories
- **Presented the paper “Inter-state variations in health outcomes and determinants of health: A study of North-East India” in the seminar “Social Development in North-East India: Problem, Issues and Challenges ” organized by the Council for Social Development (15-16 July, 2019)** 2019
 - Studied the inter-state differences in health status of children, women and men in the North-East Region using the NFHS-3 and NFHS-4 data
 - Analyzed the determinants of health as listed by WHO using the OLS/Logistic regression models
- **Term Paper on “Effect of reservation policy with sub-categorization of the social groups”** 2019
 - Recognizing the intra-group inequality among the officially defined groups, categorized and ranked the individual castes into 25 groups on the basis of their socio-economic conditions using the IHDS data
 - Analyzed the impact of reservation policy on political and educational outcomes of these groups in three different ways, finding positive but unequal impact of the policy on the backward classes
- **Term Paper on “Relationship between GDP, Nightlights and Air Pollution: A panel data analysis of Indian districts ”** 2019
 - Created a large panel dataset covering 550 districts and established Nightlights data as a good proxy variable for GDP to check the impact of economic activity on the air pollution
 - Prepared Air Pollution Index, estimated regression models using fixed effects and random effects in panel data and checked for the presence of Environmental Kuznets Curve at the district level.
- **Term Paper on “Impact of Rent Control and Land Use Regulations on Housing Rents: Evidence from Indian States and Cities”** 2017
 - Prepared an index measuring supply restrictiveness of housing using building bye-laws and FAR; and an index of rent control from the Rent Control acts of the States
 - Estimated the impact of supply of housing on rent, controlling for demand side factors and using regression analysis on two different datasets.

Positions of Responsibility

- **Principal Investigator, Minor Research Project, Shivaji College** Mar 2022-Present
 - Conducting a study with the students titled “Impact of online education on the schooling choices: A study of JJ clusters in Delhi” under the Intramural Research scheme of the college involving primary data collection
- **Member, Epitome, Economics Society of Shivaji College** Nov 2020-Present
 - Organized various online and on-campus seminars and workshops to promote research culture and enhance the real-world knowledge of the students
 - Supervised and judged various events and competitions in the annual fest ‘Pareto’
- **Member, Entrepreneurship Development Cell, Shivaji College** July 2021-Present
- **Member, Finance & Investment Cell, Shivaji College** July 2022-Present
- **Member, Student Advisory Committee, Shivaji College** July 2021-June 2022
- **Member, Anti-ragging Committee, Shivaji College** July 2021-June 2022
- **Organizer, Workshop on All India Results of Sixth Economic Census, MOS&PI** 2016
- **Editor and Member, Rotaract Club, SGGSCC**
 - Managed the events organized by the society including collection drives, planned visits to orphanages and old age homes, blood donation camps, fundraising and its annual fest. 2012-15
 - Reported all the activities of the club timely to the parent club and prepared an annual report combining the objectives and the outcomes of the workings of the society.
- **Executive Member, Equal Opportunity Cell** 2014-15
 - Worked for personality development of students belonging to underprivileged communities.
- **Organizer, Academic Fest, Arthshastra Society, SGGSCC**
 - Organized different events during all the three years with participation of over 100 students

Computer Skills

- Software- SAS, Stata, R, Python VBA and SQL.
- Advanced knowledge of MS Word, MS Excel, MS PowerPoint, LaTeX and HTML.