

ACADEMIC QUALIFICATIONS

Year	Degree	Institution	Performance (%/CPI)
2015 -2020	BS-MS (Dual), Economic Sciences	Indian Institute of Technology Kanpur	U.G.: 9.5/10.0   P.G.: 10.0/10.0
2015	Class XII (AISSE)	MVM Senior Secondary School, Jammu	96.6%
2013	Class X (AISSE)	Army Public School Kaluchak, Jammu	10.0/10.0

SCHOLASTIC ACHIEVEMENTS

- Ranked **1<sup>st</sup>** in the department | Received **A\*** grade in **8** courses, awarded to top 2% students for outstanding performance
- Received **Academic Excellence Award** for the year 2018-19, awarded to top 10% students of the batch
- Awarded **MITACS Canada scholarship'18** of **6000 USD** for a research internship at **University of Victoria, Canada**
- Received a research grant for a research project under SURGE, 2017 program at IIT Kanpur
- Secured **rank 1** among 180 teams in the **Limca Book of Records Quiz, Jammu Edition, 2012**

RESERVE BANK OF INDIA NATIONAL POLICY CHALLENGE 2019

Competition	<ul style="list-style-type: none"><li>Won the 3-tier national level competition organized by Reserve Bank of India amongst 300+ reputed institutes</li><li>Acted as a <b>group leader</b> in a team of four and presented a <b>monetary policy stance</b> before an eminent panel of economists including <b>Dr. Viral Acharya, former Deputy Governor, RBI</b> and other MPC members</li></ul>
Awards	<ul style="list-style-type: none"><li>Awarded a cash prize of <b>INR 125,000</b> and a <b>three month</b> long internship at RBI Headquarters, Mumbai</li></ul>

INTERSHIPS & ACADEMIC PROJECTS

Bayesian Analysis of Food Expenditure using Longitudinal Data Models | IIT Kanpur (Aug'18 –Present)

Objective	<ul style="list-style-type: none"><li>To analyze the impact of economic recession, socio-economic and demographic factors on the total <b>food expenditure</b>, food expenditure at home and away from home among the U.S. households</li></ul>
Approach	<ul style="list-style-type: none"><li>Designed an algorithm in MATLAB to implement <b>mean regression</b> and <b>quantile regression</b> mixed models for longitudinal <b>PSID</b> data of <b>2174 households</b> observed between 2001-2015</li><li>Used <b>quantile regression</b> framework to capture heterogeneity in the covariate effect across different quantiles</li></ul>
Results	<ul style="list-style-type: none"><li>Quantile analysis show a considerable <b>heterogeneity</b> in the covariate effects for all three categories of food expenditure, especially for economic recession and homeowners having mortgages</li></ul>

Reserve Bank of India, Mumbai Summer Internship, Monetary Policy Department (May'19-July'19)

Objective	<ul style="list-style-type: none"><li>To determine the impact of inflation levels of commodities on current perceptions of inflation and inflation expectations over one year horizon among the Indian households using <b>IESH</b> survey</li></ul>
Approach	<ul style="list-style-type: none"><li>Used <b>dynamic panel data</b> models with <b>panel error corrected estimation</b> technique and <b>cointegration analysis</b> with pooled mean group estimation on IESH data of <b>18 cities</b> across India between 2008-2017</li></ul>
Results	<ul style="list-style-type: none"><li>Found overall <b>headline inflation</b> to be a major factor indicating expectations are not yet well anchored in India</li><li>All- India inflation levels more significant compared to city level inflation levels and cointegration estimates showed that fluctuations in price indices take about <b>5-6 quarters</b> to get completely reflected in expectations</li></ul>

Collective Bargaining Rights and Influence on Police Killings | University of Victoria, Canada (May'18 –July'18)

- Analyzed the effect of collective bargaining rights to police on non-White deaths between 1950-1984 using the U.S. killings data
- Performed event history analysis on the state and county level data to model heterogeneity in killings across regions
- Impact of collective bargaining rights in contiguous border counties by following the approach of Dube et al (2010)

POSITIONS OF RESPONSIBILITY

Coordinator | Core Team Academics | Academic Mentor, Student Guide Institute Counselling Service (Mar'16-Apr'19)

Leadership	<ul style="list-style-type: none"><li>Led a <b>3 tier</b> team of <b>170+</b> students for conduction of <b>8 day</b> long Orientation Program'18 for <b>900+</b> freshmen</li><li>Worked in tandem with <b>5 counsellors</b> and <b>2 psychiatrists</b> to organise events and provide support to students</li></ul>
Initiatives	<ul style="list-style-type: none"><li>Conceptualised and successfully organised <b>Computer Literacy Classes, English Conversation Classes</b> and <b>Technical Terminology Classes</b> to aid students from Hindi background facing difficulty in academics</li><li>Launched a new initiative <b>SAMVAD</b>, year-long event comprising of panel discussions, talks, Hakuna Matata and competitions aimed at promoting awareness about good mental health in the campus</li><li>Organised sessions on <b>Social Awareness</b> and <b>Drug Abuse</b> for <b>900+</b> freshmen in Orientation Program'18</li></ul>
Mentorship	<ul style="list-style-type: none"><li>Personally supported nearly <b>eight</b> indigent students and helped them come out of Academic Probation</li><li>Organised <b>remedial classes, academic sessions</b> and <b>one-to-one mentoring</b> for freshmen and sophomores</li></ul>

Core Team Member, Economics Student Society, IIT Kanpur (Apr'17 –Mar'18)

- Ideated **Economics Buddy Program** to enhance interaction between the incoming and the outgoing batch
- Organized group discussion, quizzes, seminars and debates related on prominent economic issues to promote awareness

EXTRA CURRICULAR ACTIVITIES

- Volunteered for a trip to a neighbouring village under **Unnat Bharat Abhiyaan** aimed at spreading awareness about govt. policies
- Attended 2018 **Joint Statistical Meeting (JSM) Vancouver**, Canada, one of the major conferences in the field of Statistics
- Took 'Know Your Department' and 'Interngyaan' session for freshmen & sophomores of Economics department