

OM PRAKASH BANKOLIA

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EDUCATIONAL QUALIFICATION

Year	Degree	University/School	CPI/%
2018-Present	BS-MS(Dual): Economic Sciences	IIT Kanpur, India	9.5/10
2014-2018	BS: Economic Sciences	IIT Kanpur, India	6.50/10
2013	XII (RBSE)	Gyan Jyoti Sr. Sec. School, Sikar, Rajasthan	85.00
2011	X (RBSE)	Govt. Sr. Sec. School, Jharli, Sikar, Rajasthan	81.00

ACADEMIC PROJECTS

Impact of Economic Policy Uncertainty(EPU) on Trade, *ECO412*

Mentor: Dr. S. K. Mathur, Economic Sciences, IITK

(July'17- Nov'17)

- Assessed and analysed **panel** dataset for 18 countries over 20 years for importers and exporters (**6120** data points)
- Used **Gravity equation**, multilateral trade resistance (**MTR**) term and **Hausman-Taylor** regression model
- Observed that EPU has **negative** and highly significant impact on trade flow like coefficient of EPU was **-0.06**
- Suggested policies that country should **not** export or import goods in uncertain environment

Energy Consumption, Economic Growth and CO2 Emissions, *ECO542*

Mentor: Dr. S. K. Mathur, Economic Sciences, IITK

(July'17- Nov'17)

- Applied panel **unit root test**, **cointegration**, **VECM** and **FMOLS** model for 32 Asian countries for period *1975-2013*
- Found that GDP per capita and energy consumption have **positive** significant impact on CO_2 emission
- Results support the validity of Environmental Kuznets Curve (**EKC**) hypothesis

Impact of Internet Connections on Income level, *UGP*

Mentor: Prof. Sohini Sahu, Economic Science, IITK

(Jan'17- April'17)

- Analyzed and calculated internet inequality of panel dataset for OECD Countries (700 observations)
- Used **OLS**, **fixed effect** and **random effect** models, and found **positive** impact of internet connection on income
- Concluded that higher internet connections lead to higher income of people

Estimated Production Function for Rice, *Summer'16*

Mentor: Dr. Deep Mukherjee, Economic Sciences, IITK

(May'16-July'16)

- Estimate Production function for rice for 50 districts of Madhya Pradesh from agriculture census 2002, 2007 and 2012
- Employed OLS regression model using Excel and Stata software

TECHNICAL SKILLS

- Programming Language:** C, C++, MATLAB, Python, SQL, PHP, HTML/CSS
- Statistical Software:** R, STATA, EViews
- Software and Utilities:** AutoCAD, \LaTeX , MS Office
- Operating System:** Windows, Linux, Mac

SCHOLASTIC ACHIEVEMENTS AND AWARDS

- Secured **AIR-1686** among 8765 candidates in **GATE 2018** from Mathematics
- Secured **98.05** all India percentile in **JEE(Main)-2014** among **1.4 million** participants throughout the nation
- Select in **JEE-Advance 2014** out of **1.5 lakh** applicants throughout the nation
- Awarded laptop by **Rajasthan Government** (Rajasthan Rajeev Gandhi Vidyarthi Digital Scheme 2013) in class-12

EXTRACURRICULAR ACTIVITIES

- Conducted Farmer Survey:** Conducted interviews and group discussion with the farmers in some villages of Kanpur during March 2017
- Workshop Executive Techkriti'16:** Successfully Organized a 4-days Cloud Computing workshop in IITK
- Got online certificate from **MyGov** for successfully completing the **Quit India Quiz**
- CSAW'16 Volunteer:** Conducted **tests-series** of participants in cyber security event at IIT Kanpur

RELEVANT COURSES

Bayesian Econometrics	Econometrics-I, II	Probability and Statistics	Panel Data
Game Theory	Monetary Economics	Labour Economics	Industrial Economics
Mathematical Modelling	Mathematical Economics	Numerical Methods in Engineering	Fourier Series
Fundamental of Computing	Machine Learning(online)	International Economics and Finance	Linear Algebra