

# VAIBHAV MISHRA



Information Systems

d25vaibhavm@iimidr.ac.in • 9348573375

## EDUCATION

---

Indian Institute of Science Education and Research, Bhopal

2025

*Master of Science, Economics Science, 8.40/10*

*Relevant course work: Data Envelopment Analysis · Dynamic Network DEA · Analytics*

Indian Institute of Science Education and Research, Bhopal

2024

*Bachelor of Science, Economics Science, 7.6/10*

*Relevant course work: Efficiency Analysis · Data Envelopment Analysis · Production Analysis · General Equilibrium · Social Choice Theory · Advanced Natural Language Processing*

DAV Public School, Cuttack

2019

*AISSE, 89%*

*CBSE, Science Stream*

*Relevant Coursework: Mathematics, Physics, Chemistry, Biology, English*

DAV Public School, Cuttack

2017

*AISSE, 91%*

*CBSE,*

*Relevant Coursework: Mathematics, Physics, Chemistry, Biology, English, Social Studies, Hindi*

## MASTER'S THESIS

2025

---

### DEA-BASED NASH BARGAINING APPROACH TO MERGER TARGET SELECTION FOR HORIZONTAL MERGER

- *Modelling a two-firm merger as a two-person bargaining problem, the study aimed to optimize profit sharing between the acquirer and target firms, considering both short-term and long-term objectives.*
- *The proposed methodology incorporated efficiency scores under Variable and Constant Returns to Scale and evaluates firms' financial performance metrics such as Net Cash Flow, Market Capitalization, and Enterprise Value.*

## PROJECTS & EXTRACURRICULAR

---

Relationship Agricultural inputs and their output  
(National Institute of Public Finance and Policy)

May – July 2022

SVM(G) and its socio-economic effects on Rural India  
(Delhi School of Economics)

May - June 2023

### Activity

- Inter Institute Sports Meet (Gold)  
Football
- Inter Institute Sports Meet (Gold)  
Football
- Inter Institute Sports Meet (Gold)  
Football

### Month Year

Dec 2022

Dec 2023

Dec 2024

## SKILLS

---

Programming languages: **Python, R Programming, MATLAB, Stata, MySQL, and Latex.**

Languages: Odia, Hindi, English