



# BHAVYA GUPTA

*Pursuing Ph.D. from IEOR, IIT Bombay*

## EDUCATION

**IIT Bombay (Industrial Engineering and Operations Research)**

Ph.D. 2023-Present. (9.57 CPI)

Work on quantifying supply chain resilience using System Dynamics

**Panjab University (Department of Mathematics), Sec-14**

**Chandigarh 2018-2023**

MSc Hons Mathematics (9.2 CGPA)

BSc Hons Mathematics (8.5 CGPA)

**Bhavan Vidyalaya, Sec-27 Chandigarh 2016-2018** High schooling

Class 12th (93.5) CBSE Board. Scored 100 marks in mathematics

**Little Flower Convent School, Sec-14 Panchkula 2004-2016**

Class 10th (95.2%) ICSE Board. Scored 100 marks in mathematics

## OBJECTIVE

Seeking an opportunity to serve as an assistant professor of Mathematics. I have a passion for teaching. I aspire to become a Supply Chain Analyst.

## CONTACT

Phone: 79019-11750

[Email Id](#)

[Website link](#)

## ADDRESS

IIT Bombay

## HOBBIES

Singing

Dancing

Poetry [Insta id](#) 

## SKILLS

Critical thinking

Effective Communication

Languages (English/Hindi)

Leadership

Interactive and easy lecture

Classroom management

Well Planned lesson

Capacity for teamwork

## TECHNICAL SKILLS

**Simulation:** Arena, AnyLogic, Vensim

**Computer Proficiency:**

Matlab, Mathematica, Latex

Maple, C+, Java, [Python](#)

**Microsoft Office suite:** Word, Powerpoint, Excel

## WORK EXPERIENCE

I own a YouTube channel in which I have made videos on higher mathematics topics: JAM, CSIR NET, GATE. Tutored BSc math students. <https://youtu.be/Da-MnKYF4Gs>

Taught mathematics & science to Class 6th-9th in KV school.

## ACHIEVEMENTS

Presented research work at [ISDC 2025, USA](#). Attended SD workshop 2024 & ORSI 2023, Participated in IISE arena simulation competition, [Extended abstract](#) presented in POMS '24 IIM Ranchi.. Awardee of prestigious [PMRF](#) (2023) in PHD. Department Coordinator IRSCP (2024-25). 2nd Kho-Kho and Carrom Girls (Inter hostel GC)

### University Level (2018-23)

[Qualified](#) CSIR NET JRF (AIR 49), Lecturer (AIR 51), GATE (AIR 136) (Score 632). JAM AIR 450. Delivered National lecture on Questions

discussion of group theory 2021. Mathematics & Music (2023)

Delivered Lectures on Heart curves (2022), ring theory (2021)

Won oral presentation (Constructible Numbers) on Mathematics

Day'21. Won prize in Mathematics Quiz, Model Making (Time

minimizing Transportation Problem), Science Quiz, A minute to win.

Sports Club In charge '20-21, PU Maths Club Coordinator '21-22,

Department Representative '22-23. Aailed Gargi scholarship

Selected for [Vigyan Vidushi](#) Program, TIFR Bombay (2022)

Selected for [Mini MTTs](#) Program at Ferozpur (2020)

The Cultural Convener.

### School Level (2010-18)

Won 1st inter school chess competitions class 5th to 10th.

Participated in the Haryana state level chess championship held in Jhajjar.