

Anupam Nigam

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Personal Details

Nationality: Indian

Date of Birth: 29 December 1999

Marital Status: Unmarried

Location: Virar West, Maharashtra, India

Online Presence

YouTube: https://youtube.com/@pi_nomenal1729

Instagram: https://instagram.com/pi_nomenal1729/reels

Career Objective

A passionate mathematics teacher who explores innovative ways of teaching by connecting concepts to real-life applications, especially for IT and computer science students. I integrate animations, AI tools, and engaging visuals to make math fun and meaningful. I also create content on YouTube and Instagram to share the beauty of mathematics with a wider audience..

Education

Institute of Science, Homi Bhabha State University <i>M.Sc. in Mathematics, CGPA: 8.70/10</i>	Mumbai, Maharashtra 2023
Swami Vivekananda College of Arts, Science and Commerce <i>B.Sc. in Mathematics (Major), CGPA: 10.00/10</i>	Mumbai, Maharashtra 2021
Metropolitan School <i>12th Grade (Science Stream), Percentage: 91%</i>	Gorakhpur, Uttar Pradesh 2017
Metropolitan School <i>10th Grade, Percentage: 93%</i>	Gorakhpur, Uttar Pradesh 2015

Professional Experience

Elphinstone College <i>Mathematics Lecturer</i> <ul style="list-style-type: none">Teaching industry-relevant courses tailored for B.Sc. IT students, including Numerical and Statistical Techniques, Discrete Mathematics, and Applied Mathematics.Integrated modern computational tools to teach Computer-Oriented Statistical Techniques, fostering analytical thinking aligned with data-driven industries.Collaborated with faculty to embed mathematical foundations into core tech subjects like Data Structures and Algorithms, enabling interdisciplinary learning and real-world problem solving.Developed interactive learning environments using animations, algorithm visualizations, and real-time coding demonstrations to make abstract mathematical concepts more accessible and engaging.	Mumbai, Maharashtra <i>Jan 2024–Present</i>
Ultimate 360 Classes <i>Mathematics Lecturer</i> <ul style="list-style-type: none">Instructed Classes 11 and 12 in Mathematics, utilizing visual aids and problem-solving workshops to enhance conceptual understanding.Coordinated group study sessions to support exam preparation, tailoring content to individual learning needs.	Mumbai, Maharashtra <i>Jul 2024–Present</i>
4Hire Education Pvt Ltd <i>Subject Matter Expert</i> <ul style="list-style-type: none">Produced over 2000+ video solutions for mathematical problems on the NUMERADE platform, improving student comprehension through clear, concise explanations.	Remote <i>Dec 2022–Dec 2023</i>

○ Created 500+ video-based solutions for student queries on PW and NUMERADE platforms.

Key Competencies

Applied Mathematics: Deep understanding of linear algebra, calculus, probability, and optimization with direct relevance to AI, ML, and Data Science.

Tech-Integrated Pedagogy: Uses tools like Python, Manim, GeoGebra, and LaTeX to create interactive, visual, and engaging mathematical content.

Content Creation: Runs active YouTube and Instagram channels sharing animated math concepts for IT and CS learners.

Concept-Based Teaching: Designs lessons that highlight real-world tech applications of math, from algorithms to analytics.

AI Data Science Contextualization: Connects mathematical theory to practical use-cases in machine learning, neural networks, and data modeling.

Student-Centric Mentorship: Guides tech-oriented students through projects involving mathematical modeling, coding, and research.

I hereby declare that the information provided above is true and complete to the best of my knowledge and belief.