Raising A Mathematician Foundation®

PRAVAHA

Mahindra™ University
Global Thinkers. Engaged Leaders.

MATH.BIZ

REPORT 2026

June 09 to June 19, 2026

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MATH.BIZ

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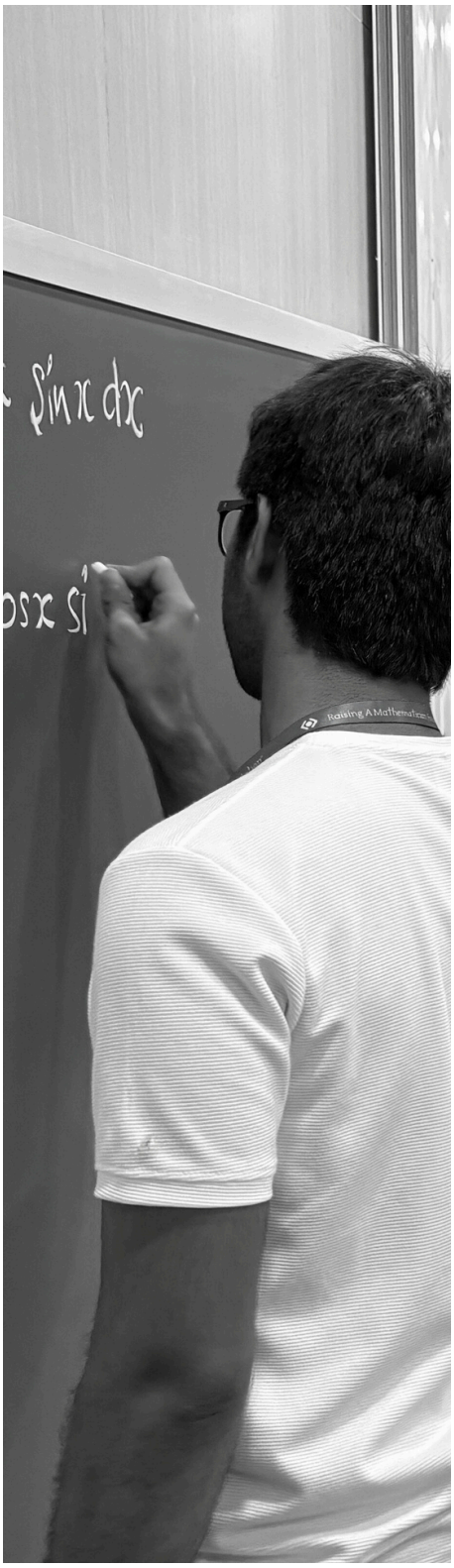


ORGANIZERS

Math.Biz 2026 was a collaboration between Raising A Mathematician Foundation, Pravaha Foundation and Mahindra University.

RAM is a not-for-profit organization that promotes education in mathematics, nationwide through various initiatives. From its flagship residential mathematics camp - 'Raising A Mathematician Training Program' (RAM TP) to annual camps like Epsilon India, Roots Camp and All Girls Math Nurture Camp (AG MNC) and workshops on modules such as application of mathematics in finance, economics, computer science, and physics, RAM focuses on making mathematics appealing for gifted students and general public.

Additionally, RAM offers Math and Informatics Olympiad Training Programs that provide year-round training for students aiming to participate in the International Mathematical Olympiad. RAM also conducts Maths Circle for non-English medium school students in the suburbs of Mumbai which happens to be the first Maths Circle in India for non-English medium students. Along with this, RAM conducts Maths Circle at various locations of India like Chennai (2 chapters running actively), Delhi, Nagpur, Nashik and Bengaluru.

RAISING A MATHEMATICIAN FOUNDATION

PRAVAHA FOUNDATION

Pravaha Foundation is a non-profit organization that aims to bring together multiple stakeholders to tackle development issues at scale. Pravaha's major focus is towards long term issues which include poverty and inequality, education, social innovation among children and young people. Pravaha's flagship program aims to advance high-ability and talent-related learning in India alongside leading education, social development, and policy and research partners.

MAHINDRA UNIVERSITY

Mahindra University embodies Global Thinkers and Engaged Leaders, who deeply understand their role in the world and are committed to improving lives through active participation. They live by Mahindra Rise's values of No Limits, Positive Change, and Alternative Thinking, driving their actions. Embracing Mahindra Rise, they show unwavering dedication to overcoming challenges, inspiring change, and fostering innovation. This ethos cultivates creative problem-solving and fearless exploration. Mahindra University shapes individuals who excel in their fields and contribute to society, fostering empathy, ingenuity, and responsible stewardship. This prepares them to address global challenges today and tomorrow.

KEY HIGHLIGHTS

Diversity of Participants

Gender Bifurcation

Male
56

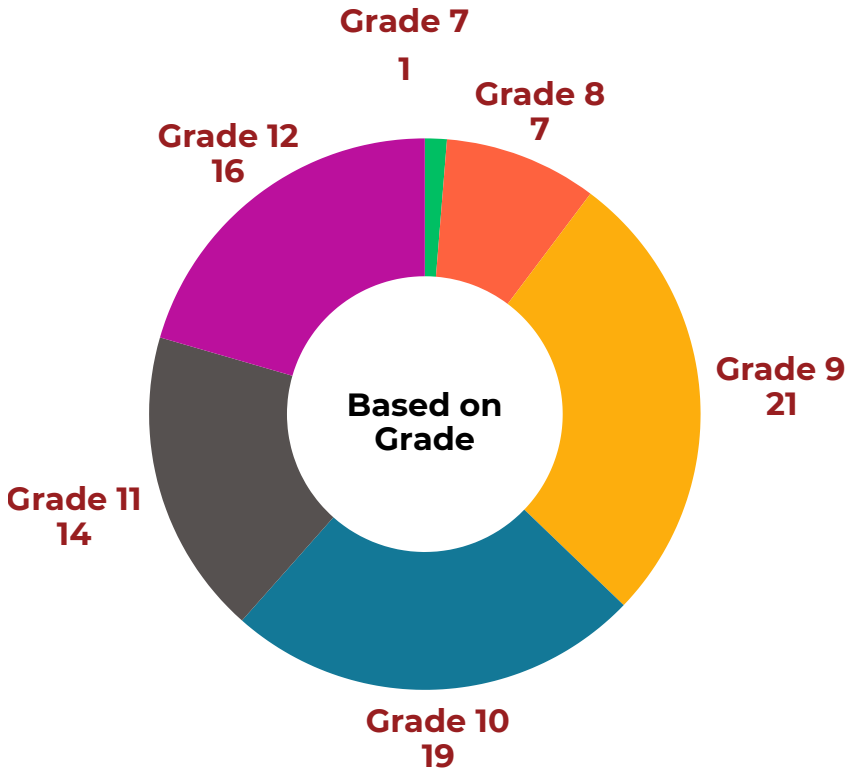
Female
22

Place of Domicile

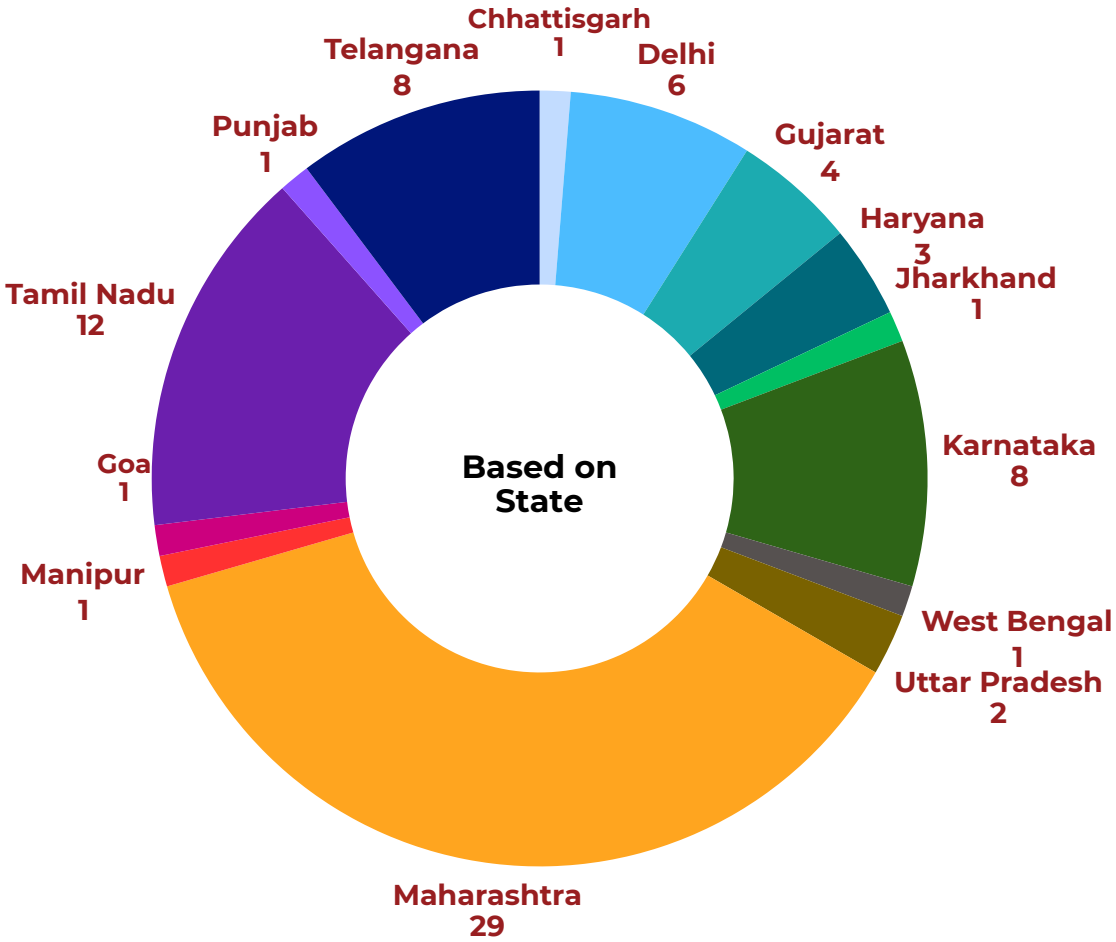
City
69

Town
07

Village
02



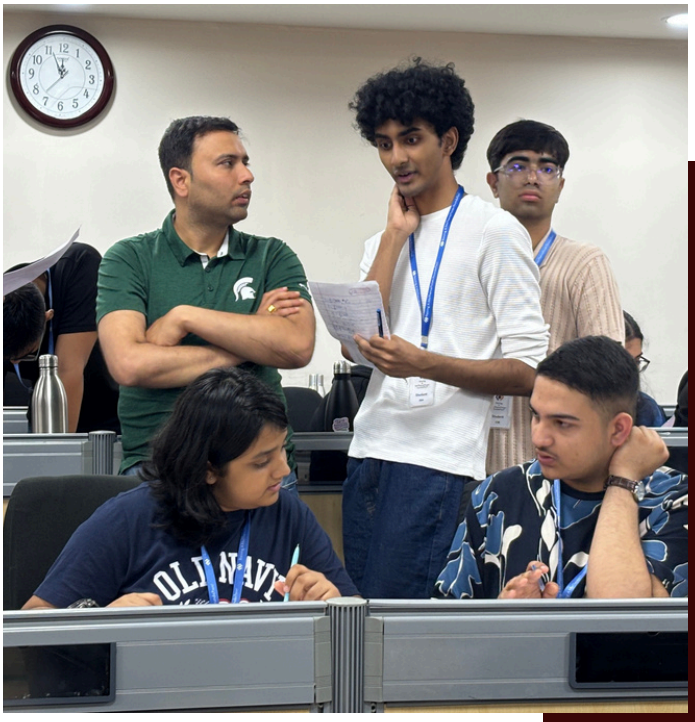
Diversity of Participants



Detailed Report

Objective

The primary objective of Math.Biz 2026 was to expose students to the application based aspect of Mathematics in areas like Finance, Economics and Accounting. Students often learn Mathematics without knowing where they might find its application, but once they perceive the application of Mathematics in a particular field, it becomes all the more meaningful for them to learn Mathematics. Till date, there has been no program other than Math.Biz that focuses on looking at Economics and Finance through the lens of Mathematics for school students. The goal of Math.Biz 2026 was to get students to appreciate the beauty of the intersection of Mathematics with other disciplines



Selection Procedure

Out of the hundreds of applications received from all over India, around 100 students are selected for the program through a structured, two-level evaluation process. The initial phase involves a comprehensive review of the application form and the accompanying Teacher's Recommendation Letter to gauge each student's true passion for pure or applied mathematics. Shortlisted applicants are then advanced to Level 2, where they were provided with curated pre-reading material to study over a 15–20 day period before taking a qualifying online test. To secure a spot in the camp, candidates must achieve a minimum score of 85%, with up to three attempts permitted to meet this rigorous standard.

PRE-CAMP

Before the residential camp, students actively prepared themselves by engaging with meticulously crafted preparatory notes provided by the academic team of the camp and taking the quiz based on the material shared. This was crafted to occupy students for approximately one month of the pre camp period. This proactive approach of making pre-reading materials and assignments available to participants ahead of the camp ensured that they arrived well-equipped and ready to make the most out of the learning experience.

Pedagogy and Program Schedule

The selected participants were divided into two batches based on their grades and scores. The two batches were called ‘Small Caps’ and ‘Mid Caps’. A regular day at Math.Biz 2026 consisted of 3–4 sessions by the in-house faculty, along with 1–2 sessions by guest speakers. These sessions brought together expertise from diverse areas of mathematics, finance, economics, and related fields, allowing students to explore the interdisciplinary applications of mathematics. Every two or three sessions were followed by a doubt-clearing session facilitated by the teaching assistants, where participants engaged in discussions, clarified concepts, and further explored ideas introduced during the lectures. The participants were also exposed to various career pathways in finance, including corporate roles, academia, and consulting, through an engaging panel discussion.

Along with the academic sessions, students participated in the Economics Bowl, a quiz-based competition designed to encourage application of concepts from economics, finance, and mathematics. The activity provided a platform for students to test their conceptual understanding, analytical thinking, and ability to connect theoretical ideas with real-world scenarios. The Economics Bowl added an element of healthy competition and collaborative learning, motivating students to engage deeply with the themes explored during the camp.

Throughout the duration of the camp, participants were encouraged to ask questions, critically analyze the reasoning behind every statement and proof, and develop a deeper understanding of mathematical ideas. Students derived formulae independently and experienced the excitement of discovering mathematical relationships through their own reasoning. All sessions were highly interactive, fostering curiosity and intellectual engagement. While some questions posed by participants brought moments of amusement for the speakers, others reflected the depth of their understanding and curiosity, often leaving speakers impressed by the level of thought and enthusiasm demonstrated by the students. The discussions, activities, and competitions highlighted the keen, inquisitive, and analytical nature of the participants.

Topics covered in the camp

SMALLCAPS

- Introduction to Game Theory
- Congruence between Life Goals and Assets
- Introduction to Financial Mathematics
- Relationship between AR, MR, and Elasticity
- Mathematical Induction
- Probability Distributions and Central Limit Theorem
- Introduction to Portfolio Theory
- Introduction to Regression and Data Analytics
- Overview of Equities
- Introduction to Information Economics

MIDCAPS

- Congruence between Life Goals and Assets
- Bond Mathematics
- Mathematical Modeling of Risk
- Mathematical Induction
- Probability Distributions and Central Limit Theorem
- Introduction to Regression and Data Analytics
- Portfolio Theory with Matrix Algebra
- Financial Derivatives
- Introduction to Information Economics

COMBINED SESSIONS

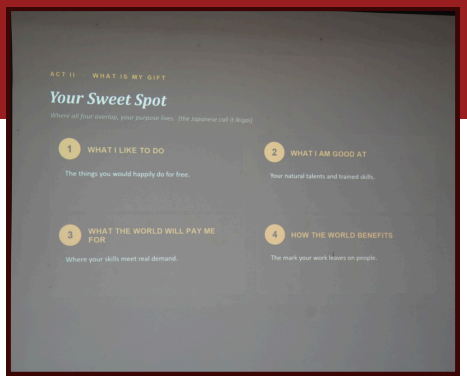
- Cost Functions & Introduction to Calculus
- Elasticity of Demand and Markets
- Central Tendency and Dispersion
- Introduction to Macroeconomics
- Introduction to Behavioral Economics
- Covariance and Correlation
- Introduction to Environmental Economics
- Currencies of Life
- Leadership

Chief Guest speaker

TERENCE LEWIS

Indian dancer and choreographer
Doctorate in Performing Arts and Dance.

Terence delivered an engaging talk on "The Art of Creativity," where he shared insights into the role of creativity, discipline, and continuous learning in achieving excellence. Drawing from his personal experiences, he encouraged students to think beyond conventional boundaries, embrace challenges, and pursue their passions with dedication. The interactive session inspired participants to appreciate the importance of creativity in both personal and professional growth.



Speaker Line Up

DR. HARIHARAN RAMASUBRAMANIAN

Asst. Prof. at Frankfurt School of Finance and Management and Co-founder of RAM Foundation.

Dr. Hariharan took sessions on Cost functions and Introduction to Calculus, Intro to Game Theory, Elasticity of demand, Central Tendencies and Dispersion, Behavioural Economics, Bond Mathematics, Mathematical Modelling of Risk, Covariance & Correlation, Regression and Data Analytics.

CA JAYAPRAKASH RAJANGAM

Chartered Accountant, M&A Consultant, and Chairman of RAM Foundation.

CA Jayaprakash took sessions on the Congruence between Life Goals and Assets.

CA HARISH MENON

Chartered Accountant, Co-founder – House of Alpha

CA Harish took sessions on Financial Derivatives and an Overview of Equities.

DR. ANJALI RAJAN

Assistant Professor at Mahindra University School of Management and IIM alumni

Dr. Anjali took sessions on Macroeconomics and Measurement of Poverty and Inequality and Environmental Economics

MR. VINAY NAIR

Co-founder of RAM foundation, founder of Vichar Vatika, and director of Epsilon India

Mr. Vinay took sessions on Methods of Proof and Mathematical Induction. Mr. Vinay led an interactive session on currencies of life.

CA MOKSHIT KOTHARI

RAM Alumni, CA and Actuarial aspirant

CA Mokshit took a session on Portfolio Theory and Matrix Algebra

DR. SINDHU VASIREDDY

Associate Professor at Mahindra University School of Management

Dr. Sindhu took sessions on Game Theory

Speaker Line Up

CA S. G. CHANDRAMOULEE

Leading a 300+ member finance team for the Trading business across Chennai, Manila, and Krakow, with strong expertise in shared services, SAP implementation, and global team leadership.

CA S. G. took a session on leadership

MS. SRUTHI SUBRAMANIAN

RAM Alumni, Graduate from IIT Kanpur

Ms. Sruthi conducted a session on Probability Distributions and the Central Limit Theorem.

MR. ADIL HASSANI

RAM Alumni, Actuarial aspirant, CA aspirant

Mr. Adil introduced students to Financial Mathematics.

MS. ANJU SUBRAMANIAN

RAM Alumni, BA Shri Ram College of Commerce (SRCC), University of Delhi

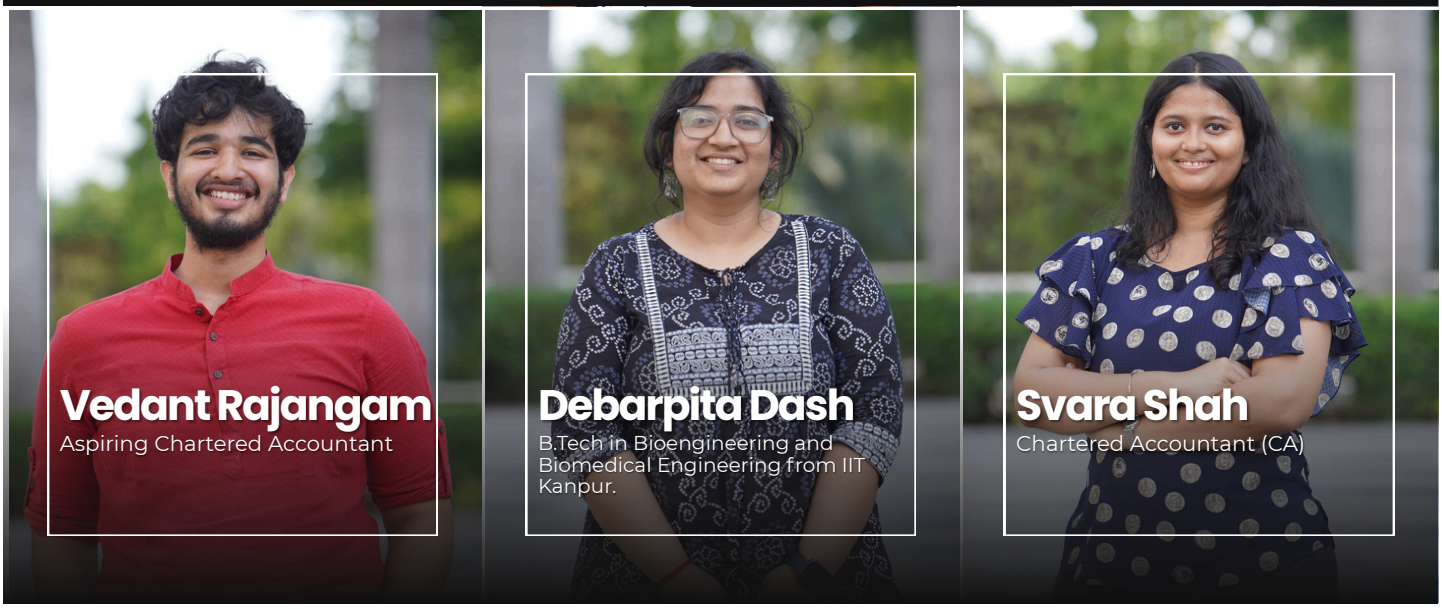
Ms. Anju took sessions on the math behind monetary policy

Teaching Assistants

Sruthi Subramanian
Master in Finance at Princeton University after completing a B.S. in Mathematics and Scientific Computing at IIT Kanpur.

Anju Subramanian
BA Economics (Hons) from Shri Ram College of Commerce, Delhi University.

Adil Hassani
B.Com in Actuarial Science at R. A. Podar College and aspiring to become an actuary.

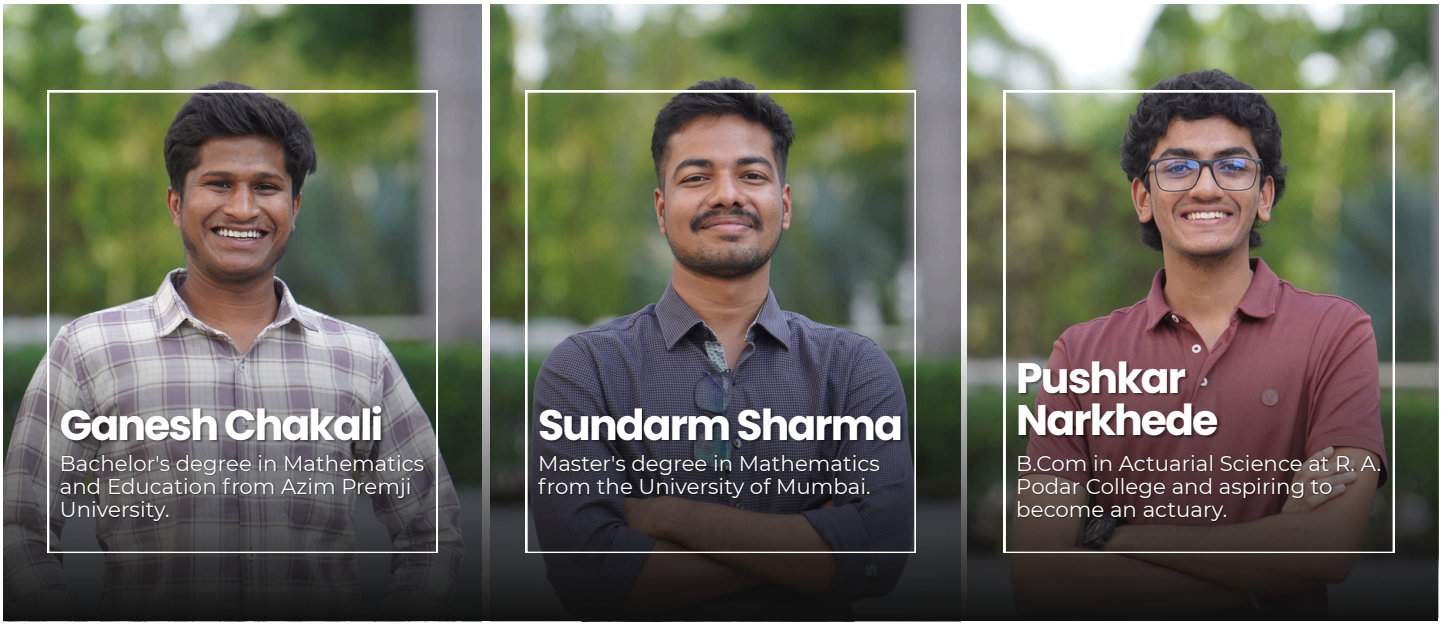


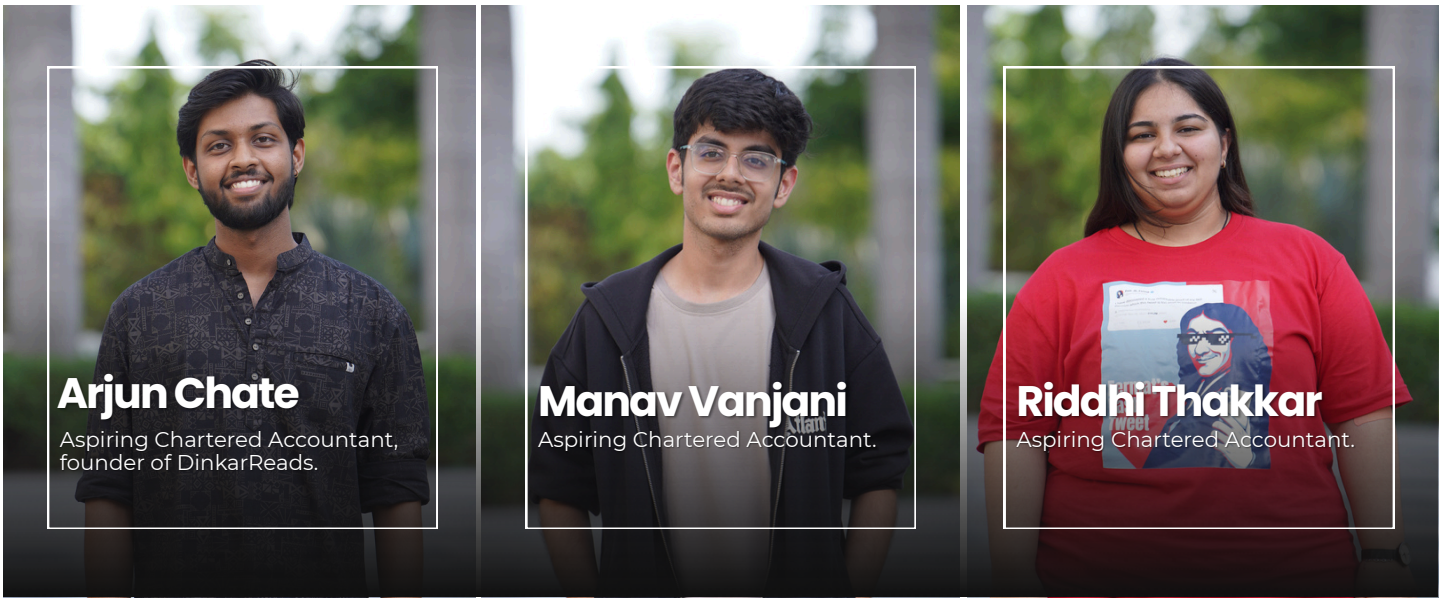
Vedant Rajangam
Aspiring Chartered Accountant

Debarpita Dash
B.Tech in Bioengineering and Biomedical Engineering from IIT Kanpur.

Svara Shah
Chartered Accountant (CA)

Teaching Assistants





Student Engagement and Team Activities

MR. TANISH KULKARNI
RAM Alumni, Bronze Awardee at the International Cybersecurity Olympiad (ICO) 2025

Economics Bowl

A new addition to Math.Biz 2026 was the Economics Bowl, an academic quiz competition introduced to encourage collaborative learning and healthy competition among participants. The initiative was conceptualized and conducted by Tanish Kulkarni, a RAM alumnus and Grade 11 student, based on his experience as a former Math.Biz participant.

The competition began with a qualifying round of multiple-choice questions based on concepts covered during the camp. The top 16 students from each batch - MidCaps and SmallCaps - advanced to the finals, where they competed in teams of four. The questions covered economics, finance, business, current affairs, general knowledge, and real-world applications, requiring students to apply their understanding in a time-bound, collaborative setting.

The Economics Bowl added a competitive dimension to the camp while promoting teamwork, critical thinking, and the practical application of concepts. It also showcased the valuable contribution of RAM alumni, with Tanish leading the planning and execution of the first-ever Economics Bowl at Math.Biz.

Following the competition, a ***Musical Housie*** provided a refreshing break, allowing participants to relax and interact in a fun, engaging environment. The activity strengthened social bonds and fostered a sense of community among the participants.

Conclusion

Math.Biz 2026 stood as a groundbreaking initiative, redefining mathematics education by seamlessly bridging high school geometry, algebra, and statistics with the intricate dynamics of finance, economics, and business management. Through a rigorous pre-camp preparation phase and a highly interactive, dual-batched residential schedule, the program effectively transformed abstract mathematical theory into a vibrant, real-world analytical toolkit.

The convergence of visionary instruction from esteemed faculty and industry-experienced mentors-alongside collaborative team events like the Economics Bowl and Musical Housie-cultivated an environment where intellectual curiosity flourished. Campers did not merely absorb formulae; they derived relationships independently, challenged assumptions, and developed enduring social and professional networks. Supported by the shared values of Raising A Mathematician Foundation, Pravaha Foundation, and Mahindra University, the camp successfully inspired a diverse cohort of gifted young minds to appreciate, explore, and shape the interdisciplinary landscapes of tomorrow.

Contact Us

Thank You!

We extend our heartfelt gratitude to all the participants, parents, volunteers, and supporters who made this camp a memorable and impactful experience. Your enthusiasm, energy, and commitment is what made it truly special.

We look forward to many more such enriching journeys together!

Stay connected with us for updates and upcoming events:

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