



MATH.BIZ

June 11 to 21, 2025



BROCHURE
2025



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About Raising A Mathematician (RAM) Foundation

RAM is a not-for-profit organization that promotes mathematics education nationwide through various initiatives. From its flagship residential math camp called Raising A Mathematician Training Program (RAM TP) to annual camps like Epsilon India 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 the general public. Additionally, RAM offers Olympiad Training Programs that provide year-round training for students aiming to participate in International Olympiads.

About Pravaha Foundation

Pravaha Foundation is a non-profit organization dedicated to promoting social development in India through education and collaboration. With the support of Mytrah Energy, Pravaha brings together various stakeholders to tackle development issues at scale. The foundation's focus is on gifted and talented education, working with leading educational, social development, and policy and research partners. Pravaha's aim is to identify and nurture gifted children, providing them with the resources they need to reach their full potential and become future leaders, scientists, artists, and sportspersons.

About Mahindra University

Mahindra University is a multidisciplinary institution in India committed to nurturing future leaders. Its curriculum combines academic rigour with industry relevance, focusing on engineering, business, and law. With a strong emphasis on experiential learning, it offers industry internships, global immersion programs, and research opportunities, fostering holistic development and innovation.

What is Math.Biz?

Math.Biz aims to showcase a unique aspect of Mathematics not typically taught in schools. The program incorporates principles from finance, economics, business, and management and connects them to high school level mathematical concepts.

General Info

Math.Biz operates differently from traditional educational systems by focusing on nourishment to the mind over grades. The program encourages students to take intellectual risks and explore new ideas, and it places an emphasis on critical thinking and inquiry. Instead of just learning mathematical concepts, students are encouraged to question their relevance and applicability in real-world fields like economics, finance, accounting, and operations management. This unique approach provides students with a deeper understanding of mathematics and how it can be applied in various industries.

Highlights of the program

Math.Biz program offers several key benefits for students, including:

1. Enhanced comprehension of high school mathematics and its practical use in the business industry.
2. Opportunities to learn from and engage with renowned faculty in the field.
3. Building a community of like-minded students who can exchange knowledge, provide support, and inspire each other toward their shared interests.

Access to insightful guest lectures from experienced professionals in the industry, providing valuable real-world perspectives on the applications of mathematics in business.

By participating in Math.Biz, students will gain a deeper understanding of high school mathematics and its role in the business world, while also developing critical thinking skills and connecting with a network of peers and experts in the field.

Concepts covered

Batch A covers topics such as:

- The basics of risk and volatility
- Financial mathematics including present value, future value, annuities, compounding, and elasticity of demand
- The relationship between average revenue, marginal revenue, and economic order quantity

Batch B focuses on:

- The connection between real return, nominal return, and inflation
- Techniques for minimizing risk in investments and maximizing profit
- Analysing real-world data and understanding the 'rule of 72'
- Portfolio management and cost-volume-profit analysis
- Advanced mathematical concepts applied to finance, accounting, and economics
- Cost functions and continuous compounding using the concept of 'e'

Important Information

Target audience:

Math.Biz is designed for students in grades 9 to 12 who have a strong interest in mathematics and finance. The program also welcomes students who have completed grades 8 and 12 but have not yet started college.

Selection process:

The selection process is competitive and up to 100 students will be selected (both batches together) for the program.

Program dates:

June 11 to 21, 2025

Venue:

Residential Camp at Mahindra University, Hyderabad.

Important dates:

- Application deadline: March 20, 2025
- Application Fee: INR 250
- Selection test (Online): March 30, 2025
- Results: April 8, 2025

Selection test:

To be considered for Math.Biz, students must take an entrance test which will consist of 20 objective and 2 subjective questions to be completed within 2 hours.

Application fee:

Students who are interested in applying to Math.Biz can do so by paying an application fee of INR 250. The application will not be considered complete until the payment has been received.

Course fee:

FREE

How to apply?:

Application Deadline:

Interested students should submit their applications for Math.Biz on or before March 20, 2025, through the website www.raisingamathematician.com.



FAQ



Frequently Asked Questions

1. What is Math.Biz?

Math.Biz is a 11-day residential program at Mahindra University, Hyderabad. It is a program designed to teach high school students how mathematical concepts from finance, economics, business, and accounting can be applied using high school mathematics (algebra, geometry) and statistics.

2. How many students will be attending Math.Biz?

The final selection of around 100 students will be made by a committee based on the results of an entrance test. Decisions made by the committee are final and no further negotiations will be considered.

3. What Is the basis of selection for Math.Biz?

The students are selected based on their performance in the selection test and the decision of the selection committee is final and cannot be disputed.

4. What is the objective of this training program?

The aim of Math.Biz is to provide students with a unique opportunity to see the application of mathematical concepts in fields like finance, economics, accounting, and management, promoting interdisciplinary learning.

5. What does a typical day of a student at training program look like?

The daily schedule begins at 7 am with adequate rest periods, and the sessions end before dinner. The program consists of approximately 4 hours of formal sessions and 2 hours of tutorials, featuring guest lectures from prominent speakers, esteemed professors, or industry experts.

6. How do I apply for this program?

The student must complete their application by filling out an online form and making a payment of INR 250 through the website to be considered for the program.

7. Is application fee waiver available?

Yes, based on financial need with endorsement from the applicant's schoolteacher. To request, student must email contact@raisingamathematician.com with reason for request for waiver.

8. What is the cost of the program?

The program is offered free of cost for selected students. We believe these students have potential to impact the world and deserve support to participate in such programs.

9. How is the program offered for free?

The program is made possible by generous contributions from Pravaha Foundation and Mahindra University. If you wish to support nurturing mathematical talents, you can do via https://pages.razorpay.com/pl_DhrOLOISfDycbb/view.

10. When will the selection test take place?

March 30, 2025 is the date of the selection test. Further information will be sent to applicants via email and also posted on the website.

11. Can we join the program after the start date or leave before it ends?

Joining after June 10, 2025 or leaving before the valedictory ceremony on June 20, 2025 is not allowed.

12. How to support RAM Foundation?


To donate, click [here](#).

For any specific donation, write to [_contact@raisingamathematician.com](mailto:contact@raisingamathematician.com)

13. Contact

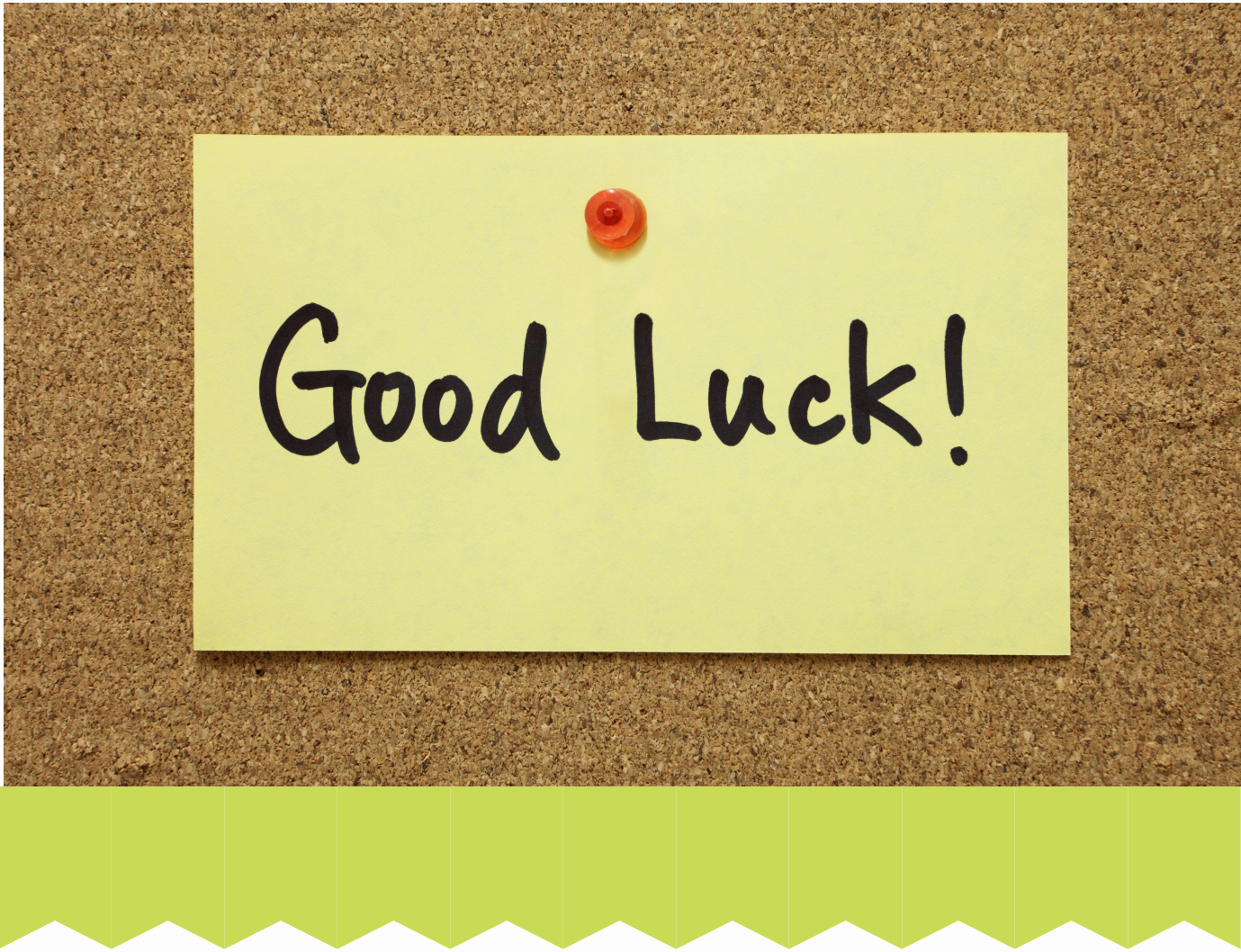
For any further question which might not answered here, please contact:

 contact@raisingamathematician.com

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Disclaimer

The organizers reserve all the rights to make any changes in the program as they may deem fit and the organizers will not be held responsible for any losses that may be incurred by the participants. Any participant who is found not following any rules or engaged in any misconduct/illegal/unlawful/inappropriate/disrespectful activity in the camp will not be permitted to attend/continue the program.



Good Luck!