

MATHS ASSOCIATION OF PODAR

ANNUAL REPORT 2017-18

Team:

Chairperson: Prof. Asif Shaikh

Secretary: Soham Wadke

Joint Secretary: Shreyas Khandare

Treasurer: Smit Gada

1. Mathematrix Inter 2017

Mathematrix 2017: A tale of Math Mania

Mathematrix 2017 was this year's first intercollegiate and interschool mega event organised by Maths Association of Podar on 28th and 29th of July'17. The main objective of the event was to make it clear that Mathematics is not only about knowing algorithms, computations, numbers and equations; it is also about understanding the concept well. With everyone's heart full of excitement, the event kicked off on 28th July with the opening ceremony in F2. Mast. Devavrat Nimbalkar of class SYJC proceeded the ceremony with an introductory speech which gave an insight of the overall event. **Professor Hemant Bhate (Phd. Yale University)** was the guest of honour for the inauguration ceremony along with our very own Principal Madam, **Dr.Shobhana Vasudevan** , **Vice Principal Natarajan Sir** , **Teacher in charge Asif Sir** and **Chairperson Soham Wadke** with his team. Mr Bhate ignited the students with wonders of Mathematics and mentioned that, "**Even the game of football is based on the concepts of geometry and this is only one of the examples proving Mathematics has its everlasting presence everywhere!**" Principal Ma'am set the right base in her speech to perform well which gave the perfect boost to commence the event.

An exhibition was held in the auditorium showcasing various concepts revolving around Mathematics. The key projects were as follows:-

- **Maths and War (Catapult)**
- **Maths and Cricket (Duckworth Lewis method)**
- **Maths and History(Da Vinci bridge, Shadow Clock)**
- **Maths and health**
- **Maths and art(Origami)**
- **Algorithms for solving Rubiks Cube**
- **Games and Puzzles(Footpool, Zenga)**

The exhibition received an overwhelming response by our honourable chief guest Mr.Bhate, college faculty, teacher in charge of the schools and the participants. **The 'Mathemagician Show' by Mr. Arvind Hirlekar** was a hit among students as the magic of numbers left them baffled. Mr. Arvind

emphasized that, **“Dear students, Logic is what lies in this Magic”**. The event was graced by the participation of more than 500 students from schools and colleges across Mumbai in the following competitions:-

- **Move with Maths (Snake and Ladder maths competition)**
- **4 D Quiz (Maths Treasure with 4 successful rounds)**
- **Numero Art (Art related maths activity)**
- **Mathemaniac (Research paper presentation)**
- **Battle of Bids**

One of the remarkable arrangements of the exhibition set up was the **‘Senior’s Wall’**, which was a small token of appreciation for all our beloved seniors whose legacy the team wished to take forward. **“It’s a proud moment for me when i see my bachas giving their heart and soul to the event!”**, says **Anushree Patil Chairperson 2016-2017**. After all day energetic events, the team headed towards the closing ceremony of the Day 1 felicitating prize winners with medals and trophies and the highlight being **‘Best Contingent Award’ won by Lokmanya Tilak High School**.

“It was indeed a great experience being a part of Mathematrix”, said one of the teachers of **S.V.D.D High school, Ghatkopar**.

On Day 2 the team was back with a bang to host competitions for colleges where students participated in large numbers. Centre of attraction which gained tremendous momentum of the audience was the **Battle of Bids which motivated the participants to invoke the best of their abilities to make their dream team and battle it out to win the bid**. Day 2 ended on a very positive note after witnessing enthusiasm all day long to make the event a grand success. Closing ceremony of Day 2 was graced by each and every member of the team cheering up the winners and celebrating the grand success. Mathematrix 2017 was wrapped on a very pleasant note where in hardwork of each and every member paid off. **All the college alumni and the graduation year students wished the juniors good luck to meet the set benchmark next year**.

Photographs:-

Our Chief Guest Dr. Hemant Bhate viewing the exhibition with Principal Dr. Shobana Vasudevan



A glimpse from the exhibition



Volunteers explaining the working of a Trebuchet



2. Mathematrix Intra 2018

Math mania in Podar

The **Maths Association of Podar** organized a mathematical event exclusively for the students of Podar – a Mathematical festival for our very own Podarites. The event was conducted in the college premises on 3rd February, 2018. The students were all geared up to explore mathematics and have fun. The event was not just based on intellectual thinking and logic but also entertainment. Around 30 students participated for the event.

The activities were as follows:

1. The 4-D Quiz

The flagship event of Mathematrix consisted of 4 rounds testing the participants on different areas like algebra, geometry and logic as they raced to gain the title of the 'Ultimate Champion'. Around 15 people participated for this event

2. Battle of Bids

A sports analytics based event, it was a simulation of the IPL auction. The players had the objective of making a team using a set budget. *"I never knew this much statistics goes into purchasing players in IPL and I had a lot of fun"*, says Sahil Pendse from FYJC.

3. Mathemaniac

Mathemaniac was a presentation based event wherein students were given topics on which they had to present. Nash Equilibrium, Black-Scholes Equation and time value of money were some of the topics.

4. Paintball

Redefining maths with creativity was the theme for this amazing competition. Promotion mathematics via entertainment to attract the masses towards loving maths was the desired goal. As a result, the participants had to drown themselves in blast of mathematical colours.

Thus, this event was able to blend maths and fun and has been one step closer to eradicating the fear of mathematics.

Photographs:-

Participants getting ready to place their bids



A glimpse from 4-d Quiz



Purvil kanadia from FYJC presenting during Mathemaniac

