

## **Prime Numbers Explored!**

*Nothing is as beautiful, gorgeous flawless or fine  
As the perfectly invisible numbers of prime*

On the 10<sup>th</sup> of September, 2018, the students of Std IX & X presented their work on a wide spectrum of topics all united under the banner of Prime Numbers with unprecedented fervor, as part of ISA activity. The occasion invited one and all to explore the beautiful world of Mathematics transcending all constraints and finding joy in it. The event was graced by the Chief Guest Prof. K N Ranganathan , Regional Coordinator (Tamil Nadu and Pondicherry) Indian National Mathematical Olympiad , Mr. Masaki Takatoshi , Japanese Faculty, ABK-AOTS , DOSOKAI, Chennai and Mr. V Ramachandran , Former Head of the Dept. Maths, PSBB Nungambakkam.

The programme began with a prayer followed by Principal Mrs. Geetha Govindarajan's welcome address. This was followed by PowerPoint Presentations made by students of Class X on the applications and importance of Prime Numbers worldwide with emphasis on its evolution in Greece.

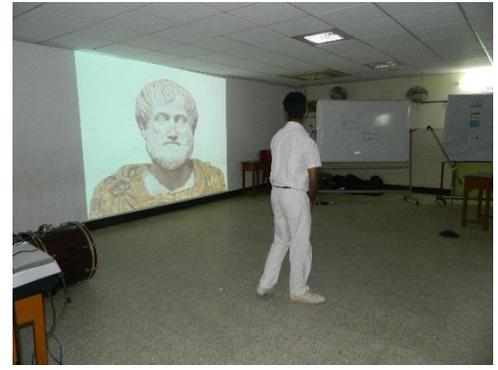
Prime Numbers in Music explained and demonstrated how prime numbers add melody to musical notes. The presentation on Art & Architecture revealed the impact of prime numbers in enhancing beauty in art and traced its development in Greece India and Singapore. Applications of Prime Numbers in Barcodes, gemology and Crystallography, banking, Cryptography and Crypto currency, Fibonacci sequence & Kunnakol were showcased in a very effective and engrossing manner.

Prof. K N Ranganathan congratulated the students on the excellent presentations that exploited the use of prime numbers. He summarized all the concepts that were presented and spoke on the mesmerizing beauty of primes.

Mr. Masaki Takatoshi , spoke in Japanese that was interpreted by Ms. Lalitha , Japanese faculty from ABK-AOTS, DOSOKAI . He appreciated the students' efforts and explained how the PPTs made him nostalgic about his works in the field of barcodes.

After the presentations, the invitees proceeded to view models by students of Std IX and charts by Std VIII.

On the whole, this activity awakened the audience to the key role played by prime numbers in various fields that affect everyday life. We thank the school management for providing us the opportunity to be a part of this fantastic informative session.



**Roving Reporters**  
**KKN**

