

# REPORT

THE ANNUAL DEPARTMENTAL FEST -  $\Sigma$ IGMA

ACADEMIC SESSION 2018-19

ARYABHATTA MATHEMATICAL SOCIETY, DEPARTMENT OF MATHEMATICS



***"The study of mathematics like the Nile, begins in minuteness but ends in magnificence".***

These words by great mathematician Charles Caleb Colton hold much relevance in today's world specifically the era in which everything around us related to numbers. Carrying the thought of making young math majoring undergraduates understand the relevance of cryptography, **Department of Mathematics, Aryabhatta College, organised its Annual Fest  $\Sigma$ igma '19 on 15<sup>th</sup> Feb 2019.**

The events organised by the society received active participation from all the department teachers, Dr. Narender Kumar, Dr. Naveen Kumar Jain, Dr. Yogender, Sh. Gufran Malik, Dr. Chandrashekhar Nishad and Sh. Dheeraj singh and from various colleges of Delhi University. **Ms Aakanksha Singh, Teacher-in-Charge of Mathematics Department**, expressed her sincere gratitude to the principal of the

college, Dr. Manoj Sinha, at the commencement of the programme for approving the events and providing all kind necessary support for the smooth conduct of the event .The organising committee of AMS Aryabhata tackled all the issues that arose while organising the fest and managed to coordinate the fest successfully.

With winners emerging from colleges such as **Atma Ram Sanatan Dharm, Asian School Of Business, Motilal Nehru, Ramjas, Kamla Nehru, Gargi**, it is the sure-shot sign of the increasing clout of the Mathematical Society of Aryabhata College in the circuit.



The various events organised by the society were:-

**Mathematical Tambola:**-In this event the participants had to solve the mind boggling equations to get the number on their respective chit in the given time. Although made on similar grounds as traditional tambola.

**Treasure Hunt:** - The event where the participants were supposed to get the required items in 15 min from the places they conclude from the given clues. This three-round event ended with one who managed to analyse and critically think about the hint.

**Mathematical Relay:**-The team event where the participants got to witness intense mental and physical pressure to solve a round of riddles and run to their respective team mates. This challenged their brains to functions in limited time as asked in real life.

**Seminar:** - To enlighten the young undergraduates of Maths, **DRDO Scientist Dr.Dhananjoy Dey** was invited .He showcased the daily **Application of Cryptography** and play side of Maths.



**Paper Presentation:-** The event included presentation on the topic of **Mathematical Model of Traffic Jam** in the given time.

**Quiz:-** To cool down the math heat ,a F.Q on popular HBO show “Friends” was organised in three rounds of multiple choice questions. Participants were given 15 min to solve 20 questions in all the rounds.

Along with all these several mini games were organised.

It was great exposure for all the students and participants with over 34 student participation..





**ORGANISING TEAM:-**

Inderjeet – President

Vikram Rathi- Vice President

Jaideep Nain- Executive

Rishabh Yadav-Executive

Nishtha Chugh- Executive

Harsh Gupta- Treasurer