

## EUREKA'24: A Recap of Modulus' Annual Event

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EUREKA'24, the flagship annual event of Modulus, the esteemed academic society, was held with great fervor and enthusiasm. The event was organized against the backdrop of academic passion and

intellectual curiosity, the event aimed to engage participants in a series of exciting challenges, igniting their passion for mathematics and creating cooperation within the mathematical community.

This year's event featured two unique competitions intended to promote intellect, teamwork, and competitive spirit in the participants. "BIDWARS: THE MEGA AUCTION" highlighted the thrill of cricket, whereas "MATHEMATICAL FACE OFF: VEDIC SUTRAS V/S NEW RULES" paired ancient Vedic mathematics techniques against present-day mathematical approaches in a captivating quiz format.

As the curtain drew on Eureka'24, both players and spectators were left with memories of intense competition, vibrant friendship, and a renewed respect for the limitless potential of mathematical discovery. The event's spectacular success demonstrates the everlasting fascination with mathematics and the Modulus Mathematics Society's continuous commitment to supporting intellectual growth and scholarly brilliance. With enthusiasm for the next episode growing, Eureka'24 continues to be an example of inspiration and discovery, sparking the flames of curiosity and creativity in mathematicians of all ages.

## BIDWARS: THE MEGA AUCTION

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BidWars: The Mega Auction proved to be an exciting test of strategic thinking and mathematical aptitude. Participants were engaged in an exciting setting where they had to navigate complex bidding dynamics, evaluate mathematical assets, and make quick decisions under pressure. The atmosphere was charged with expectation as teams competed in fierce bidding wars, using mathematical algorithms and game theory ideas to bypass their opponents. With each proposal, competitors displayed their abilities to evaluate price, manage resources efficiently, and employ mathematical tactics to achieve a competitive edge.

The Mega Auction became a gripping show of intelligence and strategy, capturing both audiences and participants with its dynamic combination of mathematical precision and strategic sophistication. Among the planned tactics and cunning gambits, teams demonstrated their sharp judgment and shrewd negotiation skills, attempting to put together a powerful roster capable of winning. The Mega Auction on Cricket demonstrated the merging of sportsmanship and strategic thinking, capturing the audience with its electric atmosphere and nail-biting tension.

## MATHEMATICAL FACE OFF: VEDIC SUTRAS V/S NEW RULES

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The "MATHEMATICAL FACE OFF: VEDIC SUTRAS V/S NEW RULES" featured an engaging competition between modern mathematical techniques and Vedic mathematics. Teams engaged in head-to-head competitions to solve mathematical problems; one team used Vedic math methods, while the other team used mainstream mathematical concepts. The Quiz offered a captivating experience for attendees to delve into the rich tapestry of mathematical approaches and traditions. In this fascinating competition, competitors dug into the age-old wisdom of Vedic mathematics, pitting it against current mathematical approaches to determine their respective strengths and weaknesses.

The quiz format added an element of thrill and anticipation as participants tackled a diverse range of mathematical challenges. Each round showcased the distinctive approaches of the two teams, highlighting the efficiency of Vedic sutras against the rigor of modern mathematical rules. Participants were immersed in a succession of mathematical problems, each meant to assess the efficacy and adaptability of these opposing methods. Contestants demonstrated their expertise and agility in navigating varied mathematical landscapes, ranging from quick calculations to complex problem solutions. As the dust settled and the scores were tallied, participants left with fresh insights and a greater understanding of the evolution of mathematical knowledge.