

STATNOVA: IGNITING YOUNG MINDS

STATISTICS EXHIBITION FOR HIGH SCHOOL AND HIGHER SECONDARY STUDENTS

The Department of Statistics organized a Statistics exhibition titled “**STATNOVA: Igniting Young Minds**” as part of **QUANTA FEST: FROM ATOMS TO ECOSYSTEM**, an interdepartmental exhibition for Plus Two students on 25th and 26th September 2025 at PG and Research block. The primary aim of the programme was to familiarize students with the applications of statistics in everyday life and to encourage curiosity, analytical reasoning, and scientific thinking among young learners. Around 700 students from neighboring schools actively participated and explored the creative statistical displays and interactive demonstrations in the exhibition.

Objectives

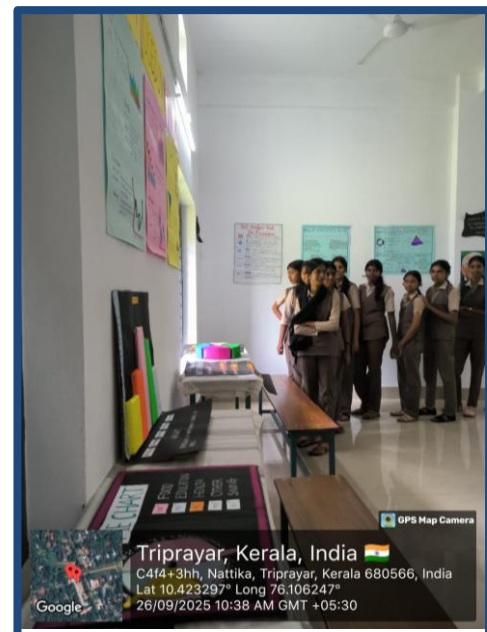
- To introduce the concept of probability simply and engagingly.
- To demonstrate the relevance of probability in real-life scenarios such as games, health, finance, weather forecasts, and traffic.
- To help students understand the steps of data analysis and familiarize them with basic data analysis tools.
- To provide hands-on learning experiences through interactive activities and demonstrations.
- To motivate students to explore careers in statistics and data science.



The exhibition featured poster presentations, working and still models, interactive games, and live demonstrations prepared by students under the guidance of faculty members.

Highlights of the programme

- Famous Statisticians and Their Contributions – Showcased milestones and pioneers in statistical development.
- Still Models of Data Visualization Tools – Demonstrated graphical representation and interpretation of data.
- Dice Games – Demonstrated basic probability concepts.
- Interactive Games – Explained the basics of statistical methods through fun and engaging activities.
- Statistics in Sports Analysis – Illustrated the use of probability in toss outcomes and player performance.
- Statistics in Health & Medicine – Infographics on survival rates, vaccination coverage, and health data visualization.
- Career opportunities in Statistics - – Information panels about emerging fields in data science and analytics.



Outcomes & Impact

- Students gained a practical understanding of how probability influences decision-making.
- The interactive models and games enhanced learning beyond textbooks.
- Participants could connect statistical concepts to everyday scenarios, making the subject more meaningful and enjoyable.
- The exhibition helped raise awareness of diverse career opportunities in statistics, data science, finance, health research, and sports analytics.

Feedback

The event received overwhelmingly positive feedback from both students and teachers. Participants appreciated the hands-on activities and visual demonstrations that simplified complex statistical concepts. Many expressed interests in attending similar exhibitions and workshops in the future, highlighting the program's success in promoting curiosity and enthusiasm for statistics among young minds.



STATNOVA : IGNITING YOUNG MINDS, the Statistics Exhibition was a resounding success, achieving its goal of promoting statistical awareness among high school and higher secondary students. The Department of Statistics looks forward to organizing more such initiatives that bridge academic concepts with real-world applications.

