

REPORT OF NATIONAL STATISTICS DAY CELEBRATION, 2025

- **TITLE OF THE EVENT/ PROGRAMME:** SPECTRASTAT – Celebrating National Statistics Day 2025
- **THEME OF THE EVENT/ PROGRAMME:** Inter-Department Poster and Quiz Competition
Theme: Application of Statistics in Diverse Fields
- **ACADEMIC SESSION:** 2024 - 25
- **DATE:** 26th June, 2025, at 12:00 Noon
- **VENUE:** Students' Common Room, 1st Floor, Main Building, Asutosh College
- **OBJECTIVE/ PURPOSE:** The objective of celebrating National Statistics Day 2025 was to raise awareness about the pivotal role of statistics in shaping policies, scientific research, business decisions, social development, and various interdisciplinary fields. The event aimed to foster a culture of analytical thinking among students by highlighting how statistics can be applied in diverse domains to solve real-world problems. Through engaging activities such as a Poster and Quiz Competition, the event sought to encourage creativity, collaboration, and statistical literacy among students from different departments.
- **ORGANIZED BY:** Department of Statistics in collaboration with IQAC, Asutosh College.
- **TARGET AUDIENCE/ PARTICIPANTS:** Students from different Departments of the College.
- **NUMBER OF PARTICIPANTS:** 23
- **ATTENDANCE SHEET:**
Sheet 1: https://drive.google.com/file/d/1mNCUZE9u2KtrWyxCfXc6C9_PcZ6Ygl-/view?usp=sharing
Sheet 2: https://drive.google.com/file/d/1DV9MBqqTvMmf0v4U_ZT8C4KTLZyG0np4/view?usp=sharing
- **BRIEF REPORT ABOUT THE EVENT/ PROGRAMME:** To mark the occasion of **National Statistics Day** on **June 29, 2025**, our college organized an **Inter-Department Poster and Quiz Competition** around the theme "*Application of Statistics in Diverse Fields*." The celebration was coordinated by the Department of Statistics and witnessed enthusiastic participation from students across departments including Biochemistry, Geography, Computer Science, Botany, Journalism and Mass Communication, Statistics, Mathematics, Geology and Microbiology.

The inaugural session was graced by the presence of Dr. Sraboni Roy, Coordinator, Internal Quality Assurance Cell, Dr. Rina Kar Datta, Secretary, Teachers' Council, faculty members, and student participants from various departments. The program commenced with a floral tribute to the photographs of Prof. P. C. Mahalanobis and Sir Asutosh Mukherjee, honoring their remarkable contributions to the fields of statistics and education. A melodious inaugural song performed by Dr. Arpita Paul, Department of Mathematics set a vibrant and inspiring tone for the day.

Poster Competition:

- Participants: 11 teams from 9 departments
- The posters were evaluated by an esteemed panel of judges:
 - Mrs. Ena Chatterjee, Former Faculty, Department of Statistics
 - Mrs. Suparna Basu, Associate Professor, Department of Economics.
- Judging Criteria: Relevance to theme, originality, visual presentation, and clarity of statistical concepts
- Topics Covered:
 - i. Biochemical Signatures of Sleeplessness – A Statistical Insight into Insomnia
 - ii. Application of Statistics Everywhere
 - iii. Decoding Microbial Genomes
 - iv. Understanding Geography with Statistics
 - v. Unlocking Insights with Mahalanobis Distance
 - vi. Application of Statistics in Mathematics
 - vii. Application and Importance of Statistics in Grain-Size Analysis
 - viii. Importance of Statistics in Objective Journalism
 - ix. Application of Statistics in various fields
 - x. Stratified sampling in public health surveys
 - xi. Understanding Biochemistry: Basic aspects of Statistics for Life Science
- Winners:
 - i. First Prize: Department of Geography – “Understanding Geography with Statistics”
 - ii. Second Prize: Department of Biochemistry – “Biochemical Signatures of Sleeplessness - A Statistical Insight into Insomnia”
 - iii. Third Prize: Department of Statistics – “Unlocking Insights with Mahalanobis Distance”

Quiz Competition

The event featured an open quiz conducted by Ms. Oindrila Bose, Department of Statistics. There were questions related to statistics, famous statisticians and the history of statistical developments in India and the World. The engaging format encouraged maximum participation, making the session both interactive and informative. Instant spot prizes were awarded to participants who answered correctly, which further motivated the audience to take part actively. The quiz competition was a resounding success,

fulfilling its objective of spreading statistical literacy and celebrating the legacy of Prof. P. C. Mahalanobis.

The valedictory session was graced by two distinguished guests, Dr. Sayani Mukhopadhyay, Teachers' Representative, Governing Body and Dr. Keya Ghosh, Convenor, Academic Sub-Committee. They appreciated the enthusiasm and creativity displayed by the participants throughout the event. The session concluded with the guests handing over prizes to the winners of the poster competition, congratulating them for their outstanding presentations and encouraging all students to continue exploring the world of statistics.

- **EXPECTED OUTCOME:** The event aimed to enhance students' understanding of the practical relevance of statistics across various disciplines. By participating in the poster and quiz competitions, students were expected to:
 - Develop critical thinking and data interpretation skills.
 - Gain awareness of the interdisciplinary applications of statistics.
 - Foster teamwork, creativity, and effective communication.
 - Inspire further interest in pursuing statistics as a tool for research, policy-making, and problem-solving in real-world contexts.
- **GEO-TAGGED PHOTOGRAPHS:**





