

REPORT OF STATOSPHERE 2023

DEPARTMENT OF STATISTICS

- ❑ **TITLE OF EVENT/ PROGRAMME:** STATOSPHERE 2023
- ❑ **THEME OF THE EVENT/ PROGRAMME:** Students' Seminar
- ❑ **ACADEMIC SESSION:** 2023 - 24
- ❑ **DATE:** 1st December, 2023 at 12:30 PM
- ❑ **VENUE:** Prof. P.C. Mahalanobis Memorial Laboratory, 3rd Floor, Main Building
- ❑ **OBJECTIVE/ PURPOSE:** To build up the knack of the students of studying about a topic outside the curriculum on their own and giving a brief presentation on it.
- ❑ **SPEAKER/S / RESOURCE PERSON/S:** **Speakers:** The 5th Semester students of Statistics (Honours) were divided into 6 groups. Each group presented a topic of their choice.
- ❑ **ORGANIZING COMMITTEE:** Convenor – Dr. Shirsendu Mukherjee, Members – Dr. Dhiman Dutta, Dr. Sankha Bhattacharya, Dr. Parthasarathi Bera, Smt. Oindrila Bose
- ❑ **TARGET AUDIENCE/ PARTICIPANTS:** Students of Semester V from Statistics Honours Course
- ❑ **ATTENDANCE SHEET:**

STATOSPHERE 2023 - STUDENTS' SEMINAR
Organized by Department of Statistics in collaboration with IQAC, Asutosh College
Date: December 1, 2023 Time: 12:30 PM
Venue: Prof. P.C. Mahalanobis Memorial Laboratory, 3rd Floor, Main Building

Sl. No.	Roll No.	Signature	Sl. No.	Roll No.	Signature
1	0572	Ankita Sarkar	23	1493	Adityabarna Bose
2	0275	Madhuban Dey	24	0683	Sudipa Dutta
3	0778	Rishiraj Sarkar	25	0597	Simlita Saha
4	1234	Dia Bhattacharya	26	1591	Joyela Ghoshwami
5	1337	Sana Anamud	27	0860	Shreyas Chakrabarty
6	230	Sukanya Maity	28	0569	Soham Patra
7	1583	Shreyas Maity	29	0259	Arijit Bose
8	926	Sankat Maity			
9	934	Sambit Roy			
10	1391	Soumit Das			
11	1589	Rupsha Das			
12	0972	Shreyashi Das			
13	0464	Sankha Saha			
14	0248	Boikhat Choudhury			
15	0006	Alimrajsita Halder Mahajan			
16	0450	Tanyasha Majumdar			
17	0099	Shreyasi Kar			
18	0369	Debjyoti Chakrabarty			
19	1101	Aneek Samanta			
20	0930	Sayan Mandal			
21	1481	Md. Yusuf Imamuddin			
22	1297	Shivam Rajumdar			

- **BRIEF REPORT ABOUT THE EVENT/ PROGRAMME:** The event started with the welcome address from Dr. Parthasarathi Bera, Assistant Professor, Department of Statistics, Asutosh College. The 5th Semester students of Statistics (Honours) were divided into 6 groups. Each group presented a topic of their choice. The names of the group members and their chosen topics are given below:

Group 1: Topic - Forecasting Time Series data using Machine Learning

Members: 1. Shreyas Chakraborty, 2. Sankha Saha, 3. Rajat Hawlader, 4. Arijit Bar

Group 2: Topic - Clarifying the Illusion in Data: A Study of Simpson's Paradox.

Members: 1. Tanmoy Nath; 2. Madhuban Dey; 3. Sanghamitra Jana; 4. Sreyashi Das; 5. Upasana Majumder; 6. Rishiraj Sarkar; 7. Ankita Sarkar.

Group 3: Topic - Sudoku Square as Experimental Design

Members: 1. Sudipa Dutta, 2. Adityabarna Bose, 3. Jayeeta Goswami, 4. Simlin Saha, 5. Soham Patra

Group 4: Topic - Uncovering the Hidden Patterns: Benford's Law in Statistics

Members: 1. Saikat Maity, 2. Soumik Das, 3. Sukanya Maity, 4. Sara Ahmed, 5. Shreya Maiti, 6. Sambit Roy, 7. Dia Sengupta

Group 5: Topic - Various Distance Measures in Statistics (Mainly Bhattacharyya Distance)

Members: 1. Rupsha Das, 2. Sudipta Samanta, 3. Shivam Mazumder, 4. Aveek Samanta, 5. Shrey Ghosh, 6. Subhanjan Debnath, 7. Md Yusuf Imamuddin, 8. Sayan Mandal

Group 6: - Topic: "Zipf's Law: A Statistical Study of underlying patterns in linguistics"

Members: 1. Baibhab Chowdhury, 2. Debjyoti Chakraborty, 3. Shuvrajyoti Nath Mohajohn, 4. Shreyasi Kar, 5. Tuyasha Majumder

All the teams had more or less five to seven members. Some of them researched about the topic, where some others made the presentation and the others or all of them gave the speech turn by turn and demonstrated the presentation of their respective group in front of the audience. All the students worked very hard and their performances were commendable. At the end of each group's talk, they also addressed the queries raised by the audience.

- **EXPECTED OUTCOME:** Different topics outside the regular curriculum were discussed in this event which grew interest in the students to study them further. It was a first time experience for many students to work as a team, make a presentation on a topic and demonstrate it in front of others. This seminar marks the beginning of practise for the students to give presentations and lectures in future.
- **GEO-TAGGED PHOTOGRAPHS:**

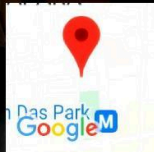


Kolkata, West Bengal, India

যতীন দাস পার্ক, ভবানিপুর, G8GW+587, Jatin Das Park, Patuapara, Bhowanipore, Kolkata, West Bengal 700025, India

Lat 22.5253887 / Long 88.3457869

Friday 01 December 2023 12:40:35



Kolkata, West Bengal, India

92, Shyama Prasad Mukherjee Rd. Jatin Das Park, Patuapara, Bhowanipore, Kolkata, West Bengal 700025, India

Lat 22.5254039 / Long 88.3459271

Friday 01 December 2023 12:30:29



Kolkata, West Bengal, India

যতীন দাস পার্ক, ভবানিপুর, G8GW+587, Jatin Das Park, Patuapara, Bhowanipore, Kolkata, West Bengal 700025, India

Lat 22.5253852 / Long 88.3458347

Friday 01 December 2023 13:03:46

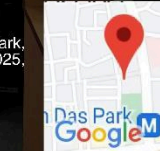


Kolkata, West Bengal, India

যতীন দাস পার্ক, ভবানিপুর, G8GW+587, Jatin Das Park, Patuapara, Bhowanipore, Kolkata, West Bengal 700025, India

Lat 22.5253656 / Long 88.3458108

Friday 01 December 2023 13:14:27





Kolkata, West Bengal, India

যতীন দাস পার্ক, ভবানীপুর, G8GW+587, Jatin Das Park, Patuapara, Bhowanipore, Kolkata, West Bengal 700025, India

Lat 22.5253698 / Long 88.3458332

Friday 01 December 2023 13:45:25

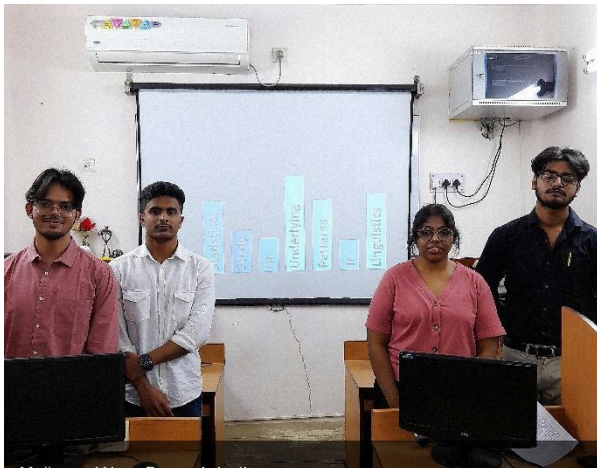


Kolkata, West Bengal, India

যতীন দাস পার্ক, ভবানীপুর, G8GW+587, Jatin Das Park, Patuapara, Bhowanipore, Kolkata, West Bengal 700025, India

Lat 22.5253651 / Long 88.3458116

Friday 01 December 2023 14:05:30



Kolkata, West Bengal, India

যতীন দাস পার্ক, ভবানীপুর, G8GW+587, Jatin Das Park, Patuapara, Bhowanipore, Kolkata, West Bengal 700025, India

Lat 22.5253739 / Long 88.3458455

Friday 01 December 2023 14:52:25

