



## DWARAKA DOSS GOVERDHAN DOSS VAISHNAV COLLEGE

(Autonomous)

Re-accredited with Grade A++ by NAAC

College with Potential for Excellence, Linguistic Minority Institution

Affiliated to University of Madras

Arumbakkam, Chennai – 600 106

### DEPARTMENT OF STATISTICS (Shift II)

#### REPORT 2023-2024

**The department of Statistics conducted the various events for the academic year 2023-2024**

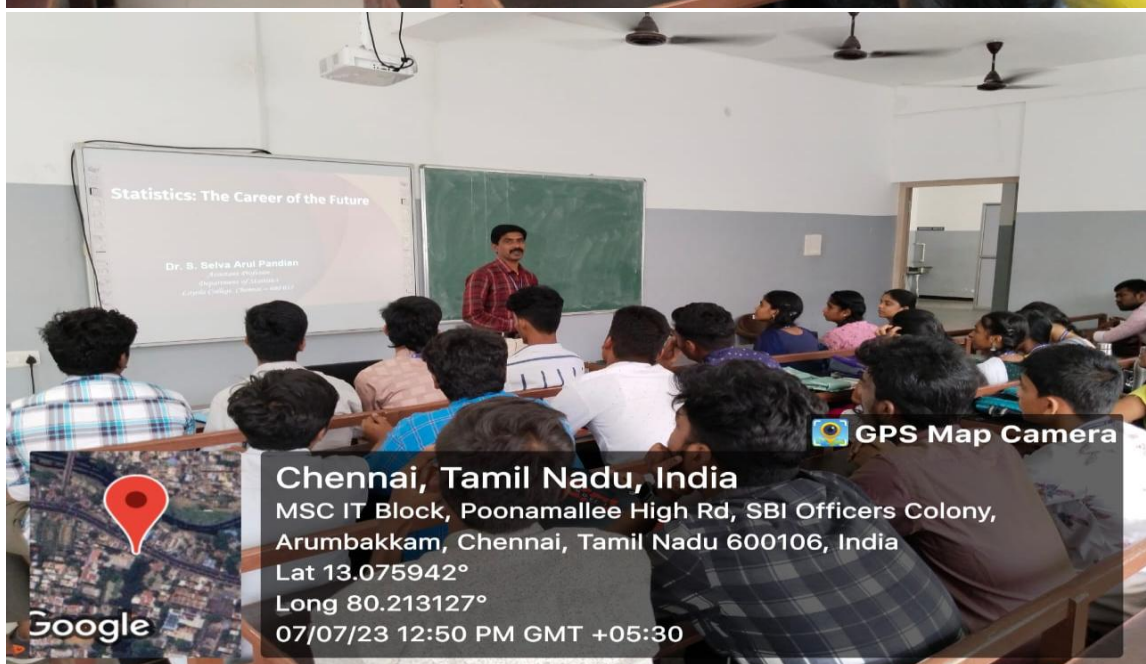
#### ❖ **National Statistics Day on 29-06-23**

The Department of Statistics celebrated “National Statistics Day – E Quiz on 29th June 2023”. National Statistics Day is celebrated in recognition of honouring the legendary person, the late Professor Prasanta Chandra Mahalanobis, the Government of India has decided to designate June 29th as Statistics Day at a national level. The Department conducted E-Quiz to all UG, PG students and Research Scholars of various colleges on 29th June 2023 at 08.30 AM through Google Form. Around 237 members (181 UG & PG Students of various departments, 12 Research Scholars, 42 Faculty Members and 2 IT Peoples) are participated from various colleges and those who secured 60 % and more marks received E-certificates.

#### ❖ **SIP-DEEKSHARAMBH -2023**

The Department of Statistics organized Student Induction Program-2023 for the first year students from 03-07-23 to 10-07-23(6 days). On the first day of department orientation program, Dr.S.Sundarabalan Assistant Professor & Head, elaborately explained about the department, certificate courses and Mr.T.Maheshwaran, Assistant Professor, explained about different between school life and college life. Finally we had an interaction session with students for each session. On the second day of department orientation program, Dr. S.Raguraman, Assistant Professor, deeply explained about the personal improvement of students and Dr.R.Guruviswanathan Assistant Professor, explained about the positive attitude. We had a wonderful interaction session with students for each and every session. On the third day of department orientation program, Mr. Antony Pradhap, Business Executive, Glaxo Smith Kline pharmaceuticals Ltd., Chennai, explained deeply about the topic of “Strategic thinking and Management” it had very good interaction session with students and on the same day students campus visit and interaction with senior students which was headed by Dr.N.S.Indhumathy, Assistant Professor, department of statistics. Finally we had students’ talent Expo in last session. On the fourth day of department orientation program, Dr.S.Santhi, Assistant Professor, explained about the Placement, value added course and Career opportunities and in next session Dr.S.Raguraman, interact with students in the topic of understanding the positive peer

pressure and class room behaviour. Indoor games like carom, chess and also volleyball had conducted to students on that day. On the fifth day of department orientation program, Dr. Selva Arul Pandian, Assistant Professor, department of Statistics, Loyola College, Chennai, explained about the scope of statistics in various field to students and also had interaction with students and Mr.T.Maheshwaran Assistant Professor, explained about the department facilities and library facilities to the students. On the same day Talent expo was conducted by senior students and also alumni shared their experience with first year students. On the sixth day of department orientation program, Ms.Aswini, Assistant Professor & Head, Department of Psychology, elaborately explained about human values and societal values to the students and finally feedback about the SIP programme had collected from students by Dr.R.Guruviswanathan, Assistant Professor.



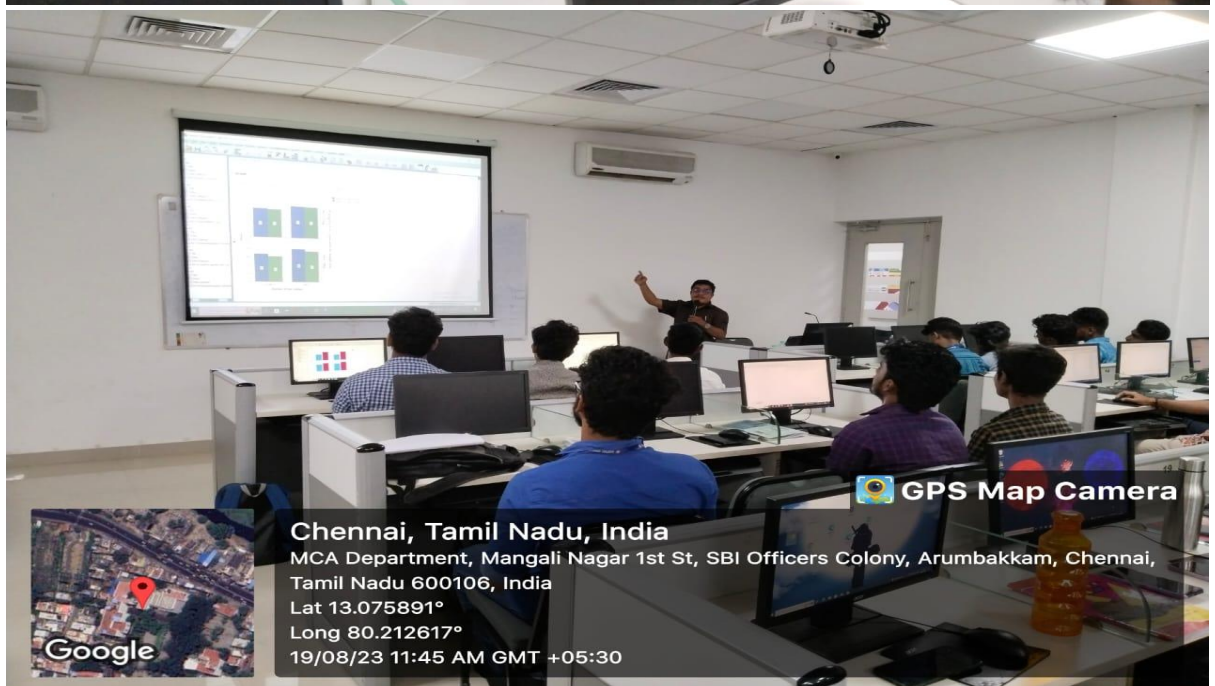
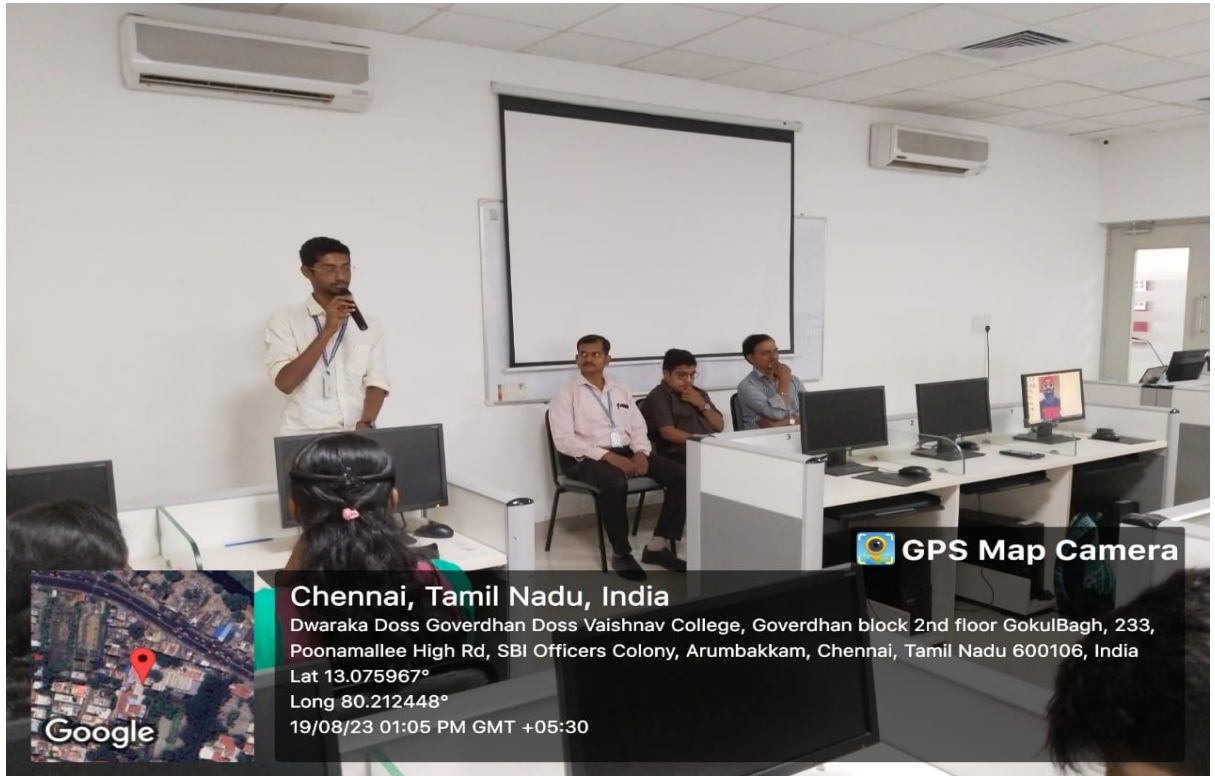
❖ **Guest Lecture and BIZSTAT Association Investiture Ceremony on 20-07-2024**

The Department of Statistics organized a Seminar on the topic of “Scope of Statistics in various fields”. The resource person was Dr.N.Sundaram, Associate Professor & Head, Department of statistics, Government arts college for men(Autonomous),Nandanam, Chennai.The introduction of the chief guest was given by Divyafirst year student. The resource Person explained deeply about the benefits and scope of statistics in various fields and also job Opportunities of field of information technology in IT. Topics were very useful for students The vote of thanks was proposed by shylaja (second year student).



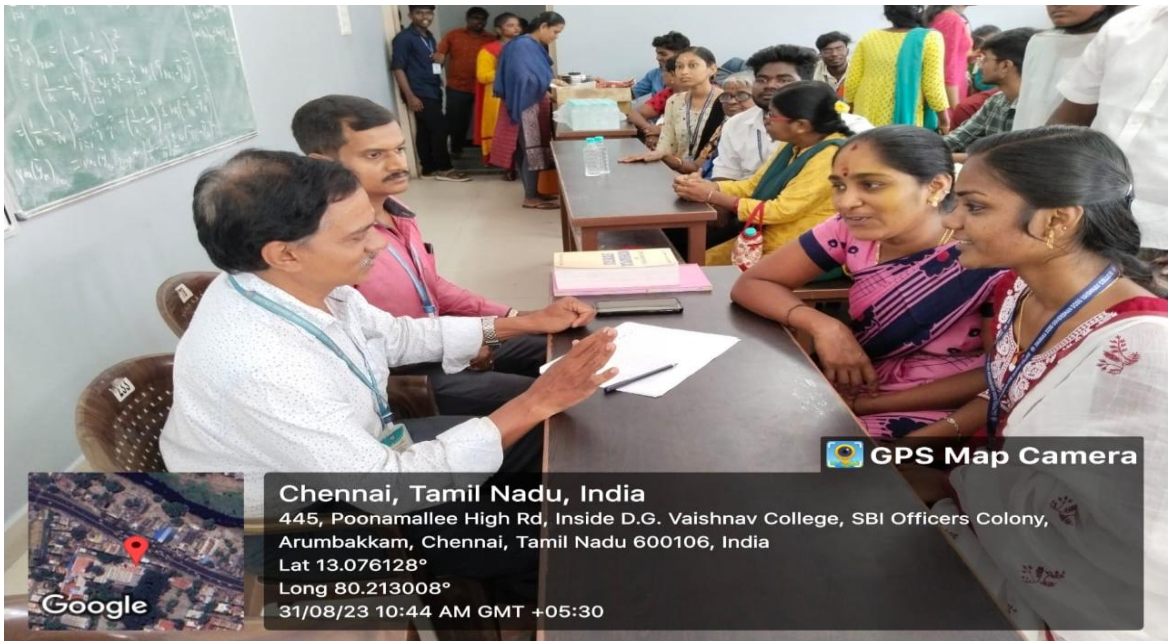
❖ **Statistical Applications using SPSS on 18-08-2023 & 19-08-2023**

The Department of Statistics organized a workshop on SPSS. The resource person was Dr. Kumarapandiyar G, Assistant Professor, Department of Statistics, Madras Christian College, Chennai. Samyukta, a third-year student, gave the introduction to the chief guest. The resource person explained and gave a hands-on experience with the spss package by covering various analysis tools, data representation techniques, and data manipulation. The workshop proved to be very useful for students. Harsha Rajkumar, the 2nd-year student, proposed the vote of thanks.



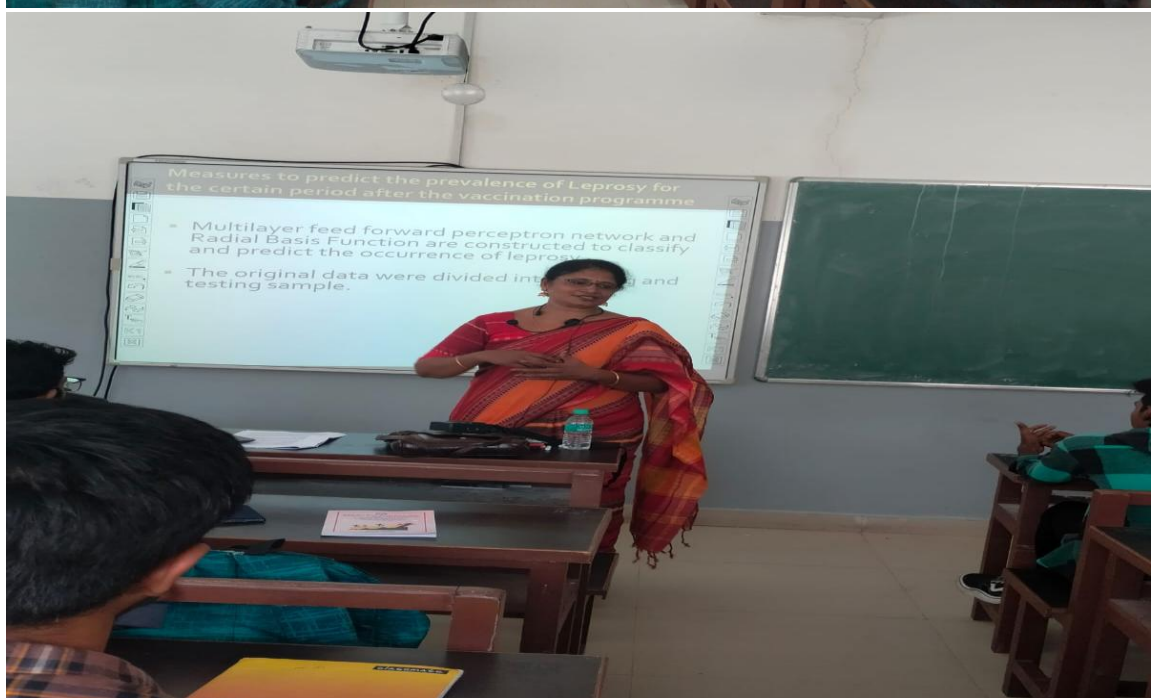
❖ **Parents-Teachers meeting on 31-08-2023**

The Department of Statistics conducted a Parents-Teachers meeting for I-year and III-year students which was held on 31-08-2023. We discussed the academic performance of the students about their previous semester ESE marks and CIA-I marks and overall participation in the department program and placement of the students with their parents. Advised the students to score good marks in the next CIA exams and end-semester examinations and asked the parents to take care of their ward during the ESE.



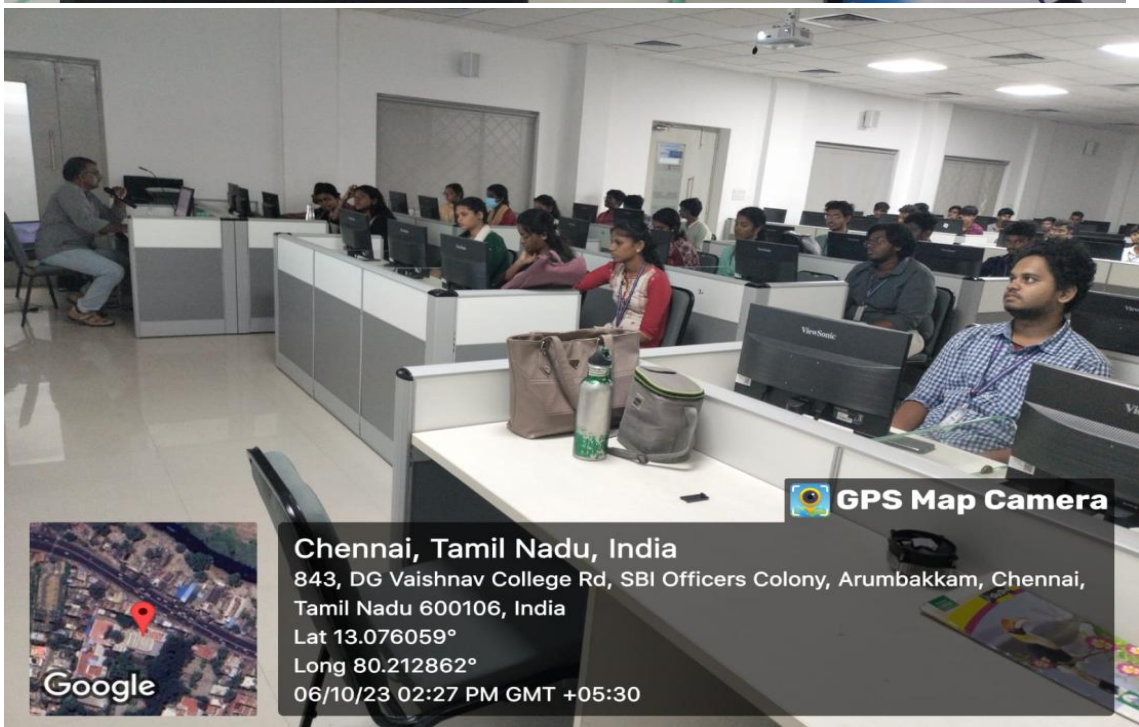
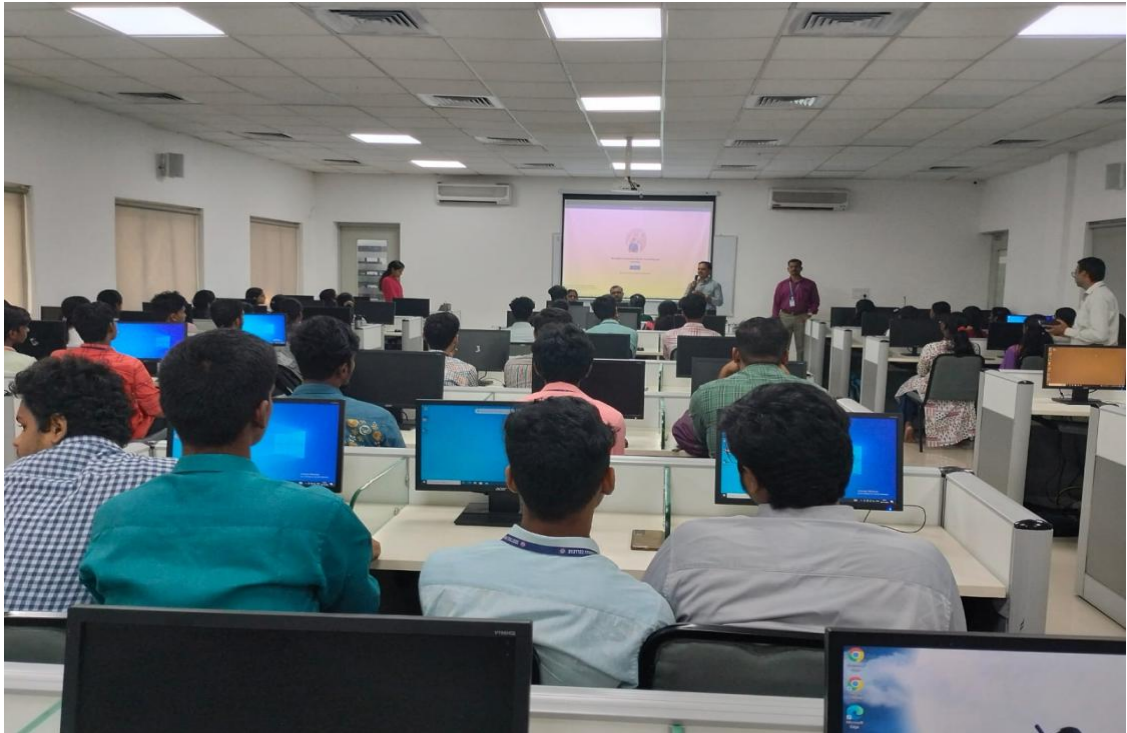
❖ **Applications of Data Mining in Health care on 15-09-2023**

The Department of Statistics organized a Guest Lecture on the topic of “**Applications of Data Mining in Healthcare**”. The resource person was Dr. A. Venmani, Assistant Professor, Department of Mathematics and Statistics, Faculty of Science and Humanities, SRM Institute of Science and Tech. Kattankulathur. The welcome address was given by Akshitha, (III year student). The introduction of the chief guest was given by Mehavarshini, (III year student). The resource person explained deeply about the Data mining extraction of information from large data set. She has also explained to the students based on statistical methods for estimation of vaccine efficacy in health care. It was an Informative session for the Students. The vote of thanks was proposed by Aparna (III year student).



❖ **Skill Training Program on 06-10-2023**

The Department of Statistics organized the Skill Training Program for the second and third year students on 06-10-2023. Students attended lecture about overview of Basics of Statistics and Data Science using Python with hands-on training which was delivered by Dr.Babu. C. L, Senior Manager, Cognizant Technology Solutions, Tharamani, Chennai.



❖ **World Statistics Day – E Quiz on 20-10-2024**

The Department of Statistics celebrated “**World Statistics Day – E Quiz on 20<sup>th</sup>October 2023**”. The Department conducted an E-Quiz to all UG, PG students, and Research Scholars of various colleges on 20th October 2023 from 08.30 AM to 08.30 PM through Google Form. Around 225 members (167 UG students of various departments, 31 PG Students of various departments, 16 Research Scholars, 4 IT Members, and 7 Faculty Members) participated from National and International level various Colleges. Those who secured 60 % or more marks received E-certificates. On the same day, we donated Rs.3,000/- to Nalmanam orphanage, which is located in Villivakkam, Chennai, and Rs.2,000/- to ALL THE CHILDREN orphanage which is located in Vysarpadi, Chennai.

❖ **Naturopathy Health Camp on 20-12-2023**

Department of Statistics and the Bizstat Association organized a free Naturopathic Health Camp for the students of DGVC. The camp organizer Rajved Clinic & Dr Health Nature Cure helped with the event. Harini delivered the welcome address, and Arun delivered an Introduction about the camp organizer. The Chief Guest Dr. Karthikeyan taught the students about Naturopathy and its importance. A team of 4 was invited comprising 2 doctors and 2 Acupuncture specialists. The camp proved to be useful for the Students and the Staff. ”Paanagam” was distributed as a refreshment for the participants. Finally, the data collected from the camp was analyzed for an overview of the health of the students and staff of DGVC.







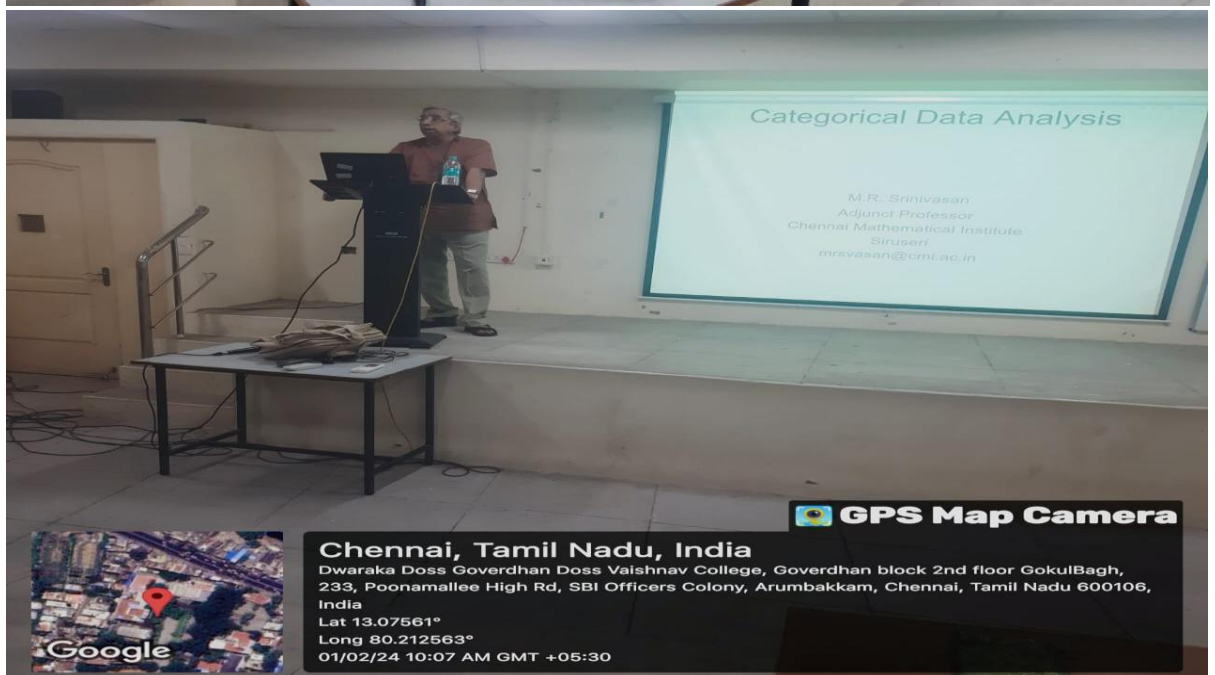
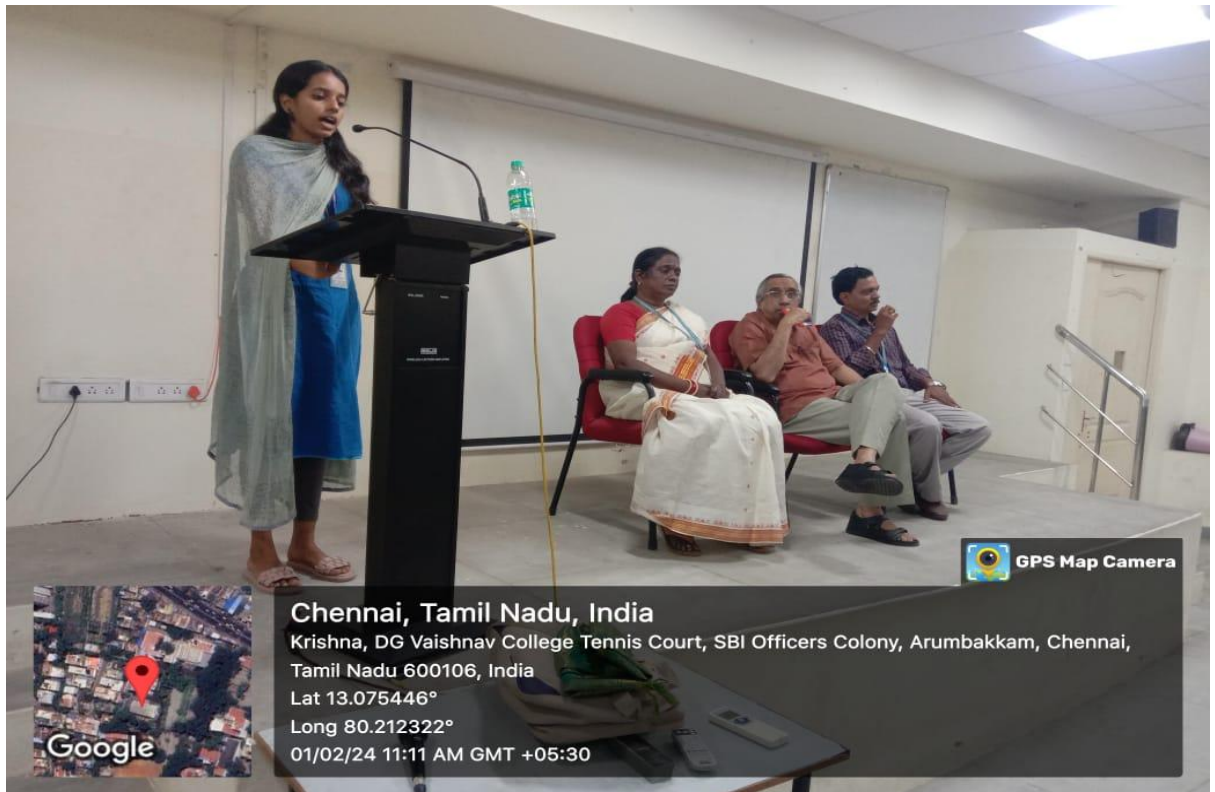
### ❖ Environmental Studies Trip on 19-01-2024

The Department of Statistics organized EVS visit for the first year students on 19-01-2024 to visit Vandalur, Arignar Anna Zoological Park was the first Zoo established in the country in 1855. It is one of the largest Zoos in Southeast Asia, spreading across 602 hectares of land. It is one of the most modern and scientifically managed Zoos in the country and it is rated as the "Best Zoo" in the country with a top score of 82% in the first Management Effectiveness Evaluation conducted by the Central Zoo Authority, MOEF & CC. The park works with the mission of conservation breeding of rare and endangered animals, veterinary care & conservation education.



## Seminar on 01-02-2024

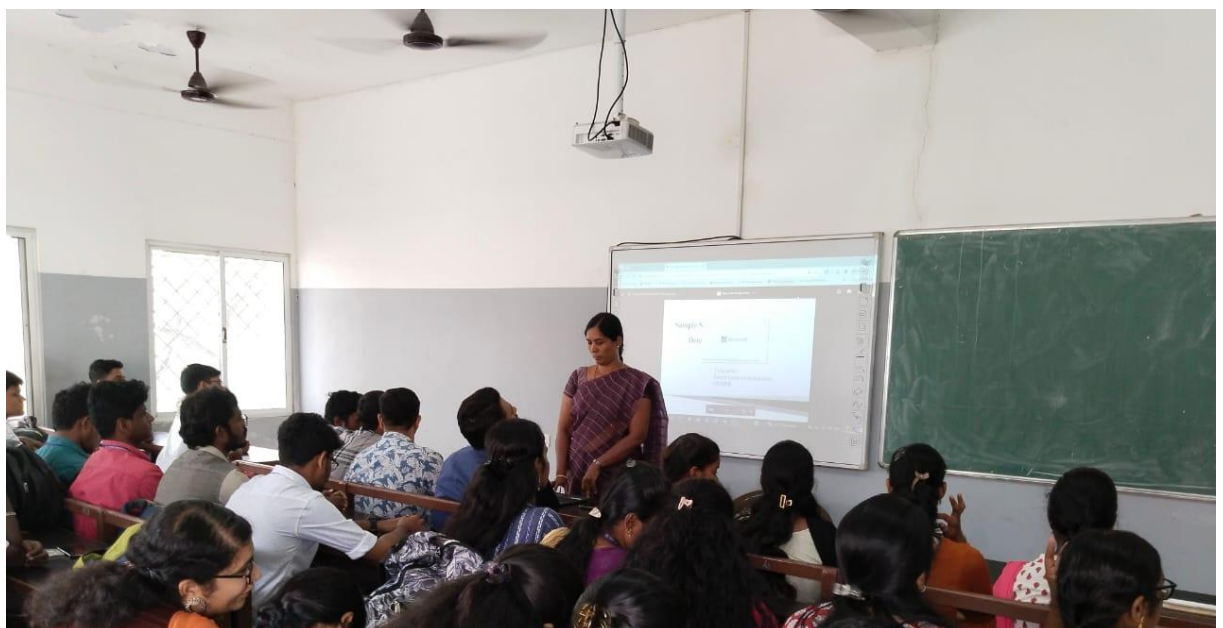
The Department of Statistics organized a seminar on “Introduction to categorical data analysis”. The resource person was Dr.M.R.Srinivasan, an Adjunct professor, at Chennai Mathematical Institute, Siruseri, Chennai. The introduction of the chief guest was given by Rithika (a third-year student). The resource Person explained deeply about categorical data analysis and its real-life applications. Topics were very useful for students  
The vote of thanks was proposed by Shylaja (second-year student).



❖ **Series of Guest Lecture on 09-02-2024, 15-02-2024 & 23-02-2024**

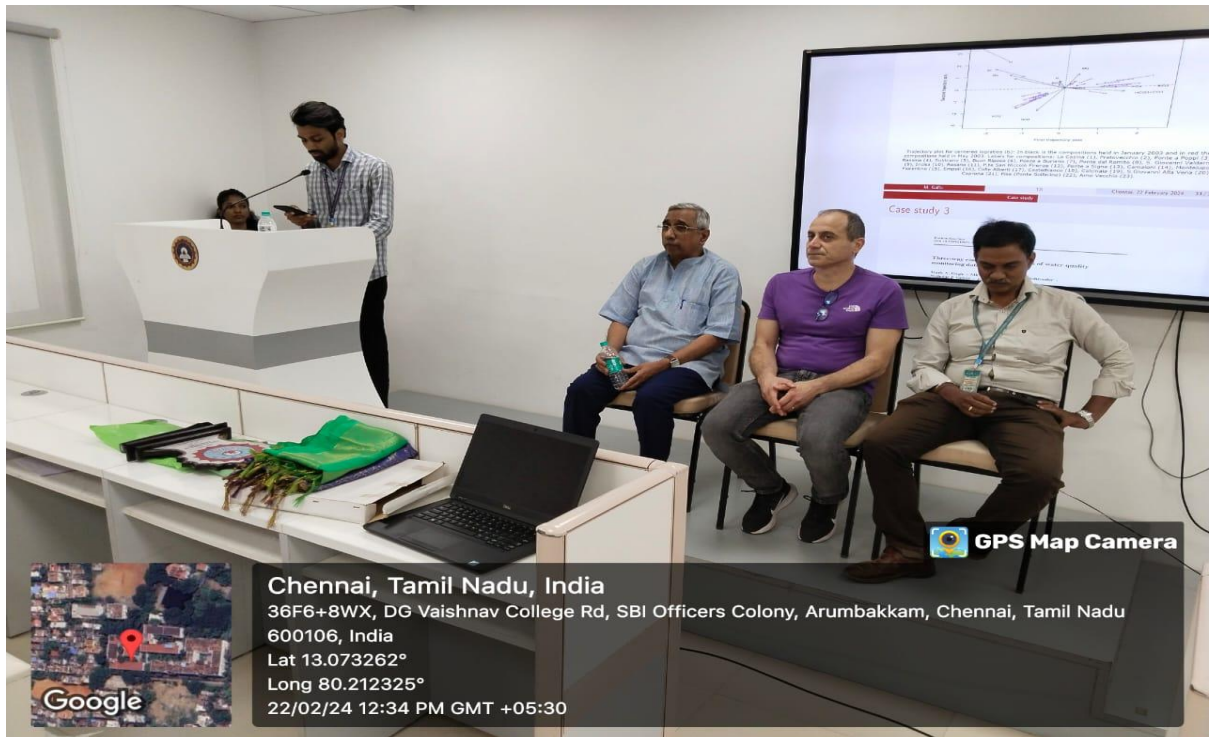
The Department of Statistics organized a Series of Guest Lecture on the topics of “Testing of Hypothesis”, “Sample Size Determination” and “Applications of Probability and RV”. The resource person was **Dr. S. Subbulakshmi**, Assistant Professor, ShriKrishnaswamy College for Women, Anna Nagar, Chennai.

**Ms. T. Gayathri**, Senior Lecturer in Statistics, Sri Ramachandra Institute of Higher Education & Research, Chennai. **Dr. P.Hemavathi**, Assistant Professor, Department of Mathematics, Saveetha School of Engineering, Chennai. The introduction of the chief guest was given by **Vijayalakshmi** Third year student. The resource person explained deeply about the concept of hypothesis testing, sample size determination and Applications of Probability and Random Variables. Topics were very useful for students. The vote of thanks was proposed by **Shylaja** (second year student).



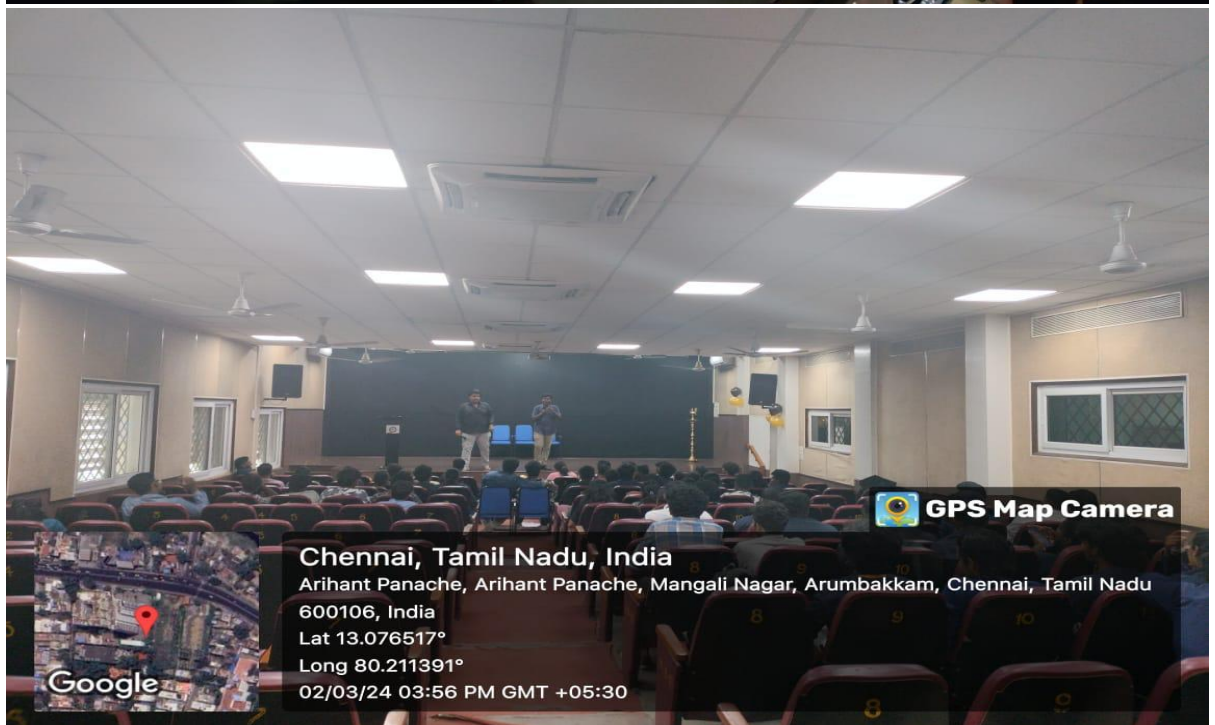
❖ **International Seminar on 22-02-2024**

The Department of Statistics organized an International Seminar on the topics of “Tensor Analysis”. The resource person was **Dr. Michele Gallo**, Professor, Department of Human and Social Sciences, University of Naples - L'ORIENTALE, Italy. The introduction of the chief guest was given by **Mehavarshini** Third year student. The resource Person explained deeply about the concept of Tensor Analysis. Topics were very useful for students. The vote of thanks was proposed by **Rhithik Roshan Marlecha**(Third year student).



❖ **An intercollegiate competition “Satisfy 24” on 02-03-2024**

The department of Statistics organized an intercollegiate competition “Satisfy 24”. The chief guest was Kennet Alphy, content creator and keynote speaker. The introduction of the chief guest was given by Samyuktha, a third year student. The chief guest explained about personal brand and business related topics. The topics were useful to students. The other college students also felt it was useful. There were events conducted and they were data interpretation, potpourri, channel surfing, Ipl auction, montecarlo, shipwreck, creative writing, choreo clash, quiz, photography poster making and meme making. The vote of thanks was proposed by Rhithik roshan of third year



❖ **International Conference on Statistical Modeling and Its Applications  
on 14-03-2024 & 15-03-2024**

The Department of Statistics organized an International Conference on Statistical Modelling and Its Applications. The chief guest was DR. R. RAVANAN, JOINT DIRECTOR(Finance), Directorate of Collegiate Education, Chennai, who inaugurated the conference. Day 1, Dr. C. Vijayalakshmi Associate Professor, Dept. of Statistics and Applied Mathematics, CUTN, Thiruvarur. Topic: Drowsiness detection in deep learning, Dr. Prabhakaran Sethuraman, Group Engineering Director C+ AI Microsoft Corporation, Redmond, USA Topic: Power of statistics in AI and Machine learning, Dr. Kiruthika, Professor, Department of Statistics, Ramanujan School of Mathematical Sciences, Pondicherry University, Topic: Finite mixture models, theory and application Dr. N. Viswanathan, Professor, Dept. of Statistics, Presidency College, Chennai. Topic: Comparison of estimation method using parameters of Weibull distribution

In Day 2, Dr. B. Ravikumar, Scientist, CSIR - Central Leather Research Institute (CSIRCLRI), Chennai Topic: Correlation and Regression Model, Dr. T. Anbupalam, Centre for Healthy Brain Ageing (CHeBA), University of New South Wales, Sydney, Australia, Topic: Statistical models in genetics, Dr. S. Stephan Raj, Assistant Professor, Dept. of Computational Sciences, Christ University, New Delhi Topic: Comparative study on stock prices of shipping companies and the nifty, Dr. M. R. Sindhumul, Associate Professor & Head, Department of Statistics, University of Madras Topic: Robust statistics and its applications.

