

DWARAKA DOSS GOVERDHAN DOSS VAISHNAV COLLEGE (AUTONOMOUS)



RE-ACCREDITED WITH BY NAAC 'A++' GRADE
COLLEGE WITH POTENTIAL FOR EXCELLENCE | LINGUISTIC MINORITY INSTITUTION AFFILIATED TO
UNIVERSITY OF MADRAS | #833, E.V.R Periyar High Road, Arumbakkam, Chennai - 600 106.

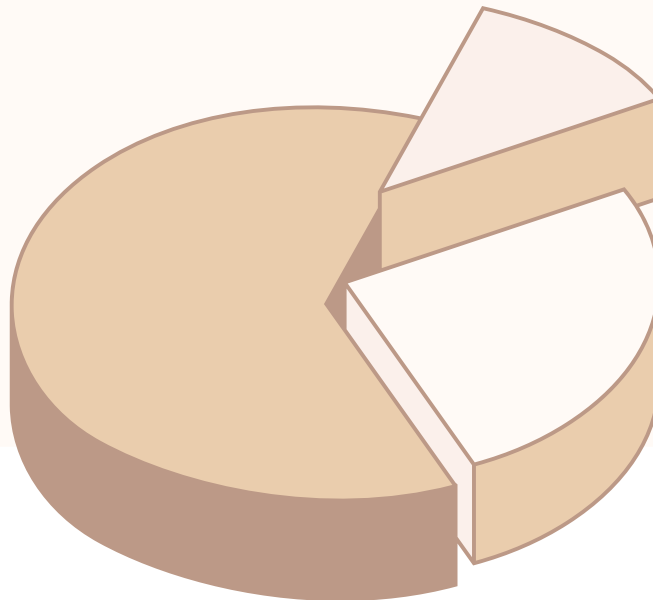


DEPARTMENT OF STATISTICS

DEPARTMENT OF STATISTICS

SHIFT - II

Volume V / Issue I / Date: JUNE - 2025



MESSAGE FROM THE SECRETARY



SHRI. ASHOK KUMAR MUNDHRA

My heartily greetings. It gives me a great pleasure to release second edition of newsletter of Department of Statistics. This newsletter share information of department related activities and helps students to express their creativity. Our institute provides high standards of education and enabling students to achieve professional competence in their chosen field. We encourage our students to not only have a great academic career but also in extracurricular activities and sports. I congratulate Department of Statistics for making this newsletter and wishing them all success in their future work.



MESSAGE FROM THE PRINCIPAL



Dr. S. SANTHOSH BABOO

I am very delighted to release the second edition of newsletter of Department of Statistics. This newsletter will provide the ongoing and forthcoming activities of the department and opportunity for students and faculty members to share their knowledge on recent application in Department of Statistics. Our curriculum and practices are consistently reviewed and students are helped to focus on confidence building, while nurturing a strong sense of social and environmental responsibility through academic and co-curricular activities. I congratulate the Department of Statistics for taking initiative to bring out this newsletter and would like to see them soar to new heights and success in all their endeavors.



MESSAGE FROM THE HEAD



Dr. S. SUNDARABALAN

Statistics is the science concerned with developing and studying methods for collecting, analyzing, interpreting and presenting empirical data. Some powerful techniques like Time series Analysis and Forecasting, Index numbers in the field of Statistics is a highly inter disciplinary field; research in statistics finds applicability in virtually all scientific fields and research questions in the various scientific fields motivate the development of new statistical methods and theory to our Students and Staff.



INSIDE THE ISSUE

TOPICS	PAGE NO
About the Department	3
Mission and Vision	3
Faculty Profile	4
Department Activities	5
Editorial Board	13



ABOUT THE DEPARTMENT

Statistics department was established in the year 2019. The department caters the needs of various statistics aspirants with a vision to equip them with statistical computing and emerging statistical tools. Graduates will be able to understand basic theoretical and applied principles of statistics with adequate preparation to pursue post graduate or enter the job force as an applied statistician. Thus ensuring a bright career in the field of Statistics and Data Analytics.



VISION AND MISSION

VISION

- With fast technological advancements in area like Artificial intelligence, the job market is looking for candidates with technical and data analytics skills.
- Our aim is to provide quality education to our students practically and theoretically. In the upcoming years, some of the most renowned jobs will be occupied by statisticians.

MISSION

- The mission of the Department of statistics is to help students to develop their understanding skills, problem solving ability and logical thinking.
- We seek to improve the practice of statistics through our teaching, service work and intramural and extramural activities and events.

FACULTY PROFILE



Dr. S. Sundarabalan, M.Sc., M.Sc., M.Phil., SET., Ph.D Associate Professor and Head in the Department of statistics. He has 24 years of teaching experiences in both Arts & science Colleges and Engineering College and also having research experiences. He has published 6 research articles in SCOPUS and Web of Science indexed Journals and acted as Resource person for FDP Programs etc.



Dr. T. Maheshwaran M.Sc., M.Phil., B.Ed., SET,Ph.D Assistant Professor in the Department of statistics. He has 18 years of teaching experiences in both Engineering Colleges and Arts & Science College. He has published 5 research articles in SCOPUS indexed Journals. His area of interest is fluid dynamics.



Dr. S. Santhi, M.Sc., M.Phil., Ph.D Assistant Professor in the Department of statistics, 21 years of teaching experiences in Arts and Science Colleges. Her area of interest is Acceptance of Sampling and Statistical Inference. She has published 4 research articles in SCOPUS indexed Journals.



Dr. S. Raguraman, M.Sc., M.Phil., Ph.D Assistant Professor in the Department of statistics, 4 years of teaching experiences in Arts and Science College. His area of interest is Bio-Statistics and Regression Models. He has published 17 articles which are indexed in SCOPUS, Web of Science and UGC care list.



Dr. R. Guruvishwanathan M.Sc., M.Phil., Ph.D, Assistant Professor in the Department of statistics. He has 21 years of teaching experiences in both Arts & Science Colleges and Engineering colleges and also having 2 years of industrial experiences. His area of Interest is Graph Theory.



Dr. N. S. Indhumathy M.Sc., M.Phil., Ph.D, Assistant Professor in the Department of statistics. She has 10 years of teaching experiences in Arts & Science Colleges and she has published 10 research articles in SCOPUS and UGC care list. Her area of interest is Markovian Inventory Model with Bayesian estimation.



National Statistics Day

The Department of Statistics celebrated “National Statistics Day – E Quiz on 29th June 2024”. 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 2024 at 08.30 AM through Google Form. Around 240 members (190 UG & PG Students of various departments, 10 Research Scholars, 40 Faculty Members and 3 IT Peoples) are participated from various colleges and those who secured 60 % and more marks received E-certificates.

SIP - DEEKSHARAMBH 2024

The Department of Statistics organized Student Induction Program-2024 for the first year students on 03-07-24. On the first day of orientation program, Dr.S.Sundarabalan Assistant Professor & Head, elaborately explained about the familiarization of department. In the second session, Uplifting thoughts to the students about their goals and aspirations has explained by Mr.T.Maheshwaran, Assistant Professor, Department of Statistics Students had an interaction session. Dr. S. Santhi, Assistant Professor, Department of Statistics has given a presentation on the objectives of their students club and related activities. She has delivered activities supported to the stated objectives followed by the third year students have given Literary activities encouraging first year students to express their ideas. It was an interactive session.

On the second day of Students induction programme, Students of department of Statistics had an inaugural session. Chief guest Dr. R. Deepak, Senior consultant, Clinical and Radiation Oncologist, Billroth Hospital has delivered a wonderful information to the students on Oncology. In second session of induction programme, Discussion towards the personal improvement lecture given by Dr. S. Raguraman, Assistant Professor,



Department of Statistics. In this session improvements for personal growth have been discussed. In third session of Students induction programme, Dr. N. S. Indhumathy has delivered the lecture based on discussion towards positive attitude. In this session, the topics Optimism, Self-belief and positive environment have been discussed. Students sports activity session held on the third day of Students induction programme. All the Students actively participated in the introduction session prepared for the activities. In the second session, ice-breaker activities helped the students feel more comfortable with their peers. The team work has played a vital role for their comfort zone followed by the team supported each other. The students learnt quick thinking and power of communication through this session. In fourth session, trainers conducted the activity session. The team of the students came up with a theme and they have given a structured presentation followed by students learnt the importance of taking extra effort and also got exposure on working for the continuous improvement. In sixth session, Students learnt the motive of collaboration and how as the team co-operate with each other. It was an interactive session for all the students.

Fourth day of the first session, Mr. R. Siluvai Dasan, Assistant Professor, Department of Mathematics, Rajalakshmi Engineering College, Chennai has given a wonderful lecture based on Strategic thinking and management. It was an interesting and interactive session followed by all the students were taken to the whole campus to know all the departments and facilities in the college. In the third session, about placement introduction, importance of value added courses and career opportunities have been explained by Dr. S. Santhi, Assistant Professor, Department of Statistics. In fourth session of the day, Mr. T. Maheshwaran, Assistant Professor, Department of Statistics has explained and showcased the department facilities and also Lab and Library facilities to the students.

On fifth day of first session, Dr. Selva Arul Pandian, Assistant Professor, Department of Statistics, Loyola College has given a wonderful lecture based on Scope of Statistics in various fields. He has also explained about the opportunities in the basis of Statistics followed by the lecture was given by Dr. S. Raguraman, Assistant Professor, Department of Statistics. He has delivered the positive peer pressure encourages behaviors that helps students growth. Third session was handled by the third year students, department of Statistics. Third year students conducted activities to first year students that helped to bring out their talents. In fourth session, alumni students of the department of Statistics have delivered talk to first year students. The aim of the talk was to provide an insight about the learning experiences of the alumni during college period.

On the sixth day of the first session, Club, committees, cells have been explained by the club members in Dwaraka auditorium followed by Dr. S. Sundarabalan, Assistant Professor & Head, Department of Statistics has delivered the talk about Human and Societal values. Finally, feedback about the SIP Programme had collected from the students by Dr. N.S. Indhumathy, Assistant Professor.



Bridge Course - Basic concepts of Mathematics and Statistics

The Department of Statistics organized a Bridge Course for the first year students from 08-07-2024 to 12-07-2024 on the four different topic in the field of Mathematics and Statistics. The resource person were Mr. R. Siluvai Dasan , Dr. S. Subbulakshmi Dr. A. Balasubramanian and Dr. B. Deepa. The introduction of the chief guest was given by Dr.S.Sundarabalan, Head of the department. The resource persons were explained deeply about the basics of mathematics and statistics with real life example problems. Finally students had cleared their doubts from the resource persons at the end of the each session. We are collected feedback form from the students in each session.



Seminar on “STATISTICS IN THE 21ST CENTURY” 29-07-2024

The Department of Statistics organized a Seminar on the topic of “STATISTICS IN THE 21ST CENTURY”. The resource person was “Dr. N. VISWANATHAN”, associate professor and head, department of statistics, Presidency College Chennai. The introduction of the chief guest was given by Shylaja Third year student. The resource Person explained deeply about the important of statistics in the current and era also the role of statistician in any particular field. He also explained about various tools by which interpretation and prediction are made easier for statisticians. Topics were useful and very productive for students. The vote of thanks was proposed by Shanthini (second year student).

Seminar on “ INDIAN STATISTICAL SYSTEM AND ITS OPPORTUNITIES”

09-09-2024



The Department of Statistics organized a Seminar on the topic of “INDIAN STATISTICAL SYSTEM AND ITS OPPORTUNITIES”. The resource person was Dr. M. R. Sindhumol, Associate Professor and Head, Department of Statistics, University of Madras, Chepauk, Chennai – 600 005. The chief guest introduction was given by Dr. N. S. Indhumathy, Assistant Professor, Department of Statistics. The resource person explained deeply about the Indian Statistical System and emphasized the post-independence history of Indian statistical system. She also explained the need of official statistics and data collection through census surveys. She also delivered about the students inclusion by MoSPI. Finally it was an interactive session for all the students. At last vote of thanks was proposed by Manish (III – Year student).



EVS visit on 27-09-2024

The Department of Statistics organized an EVS trip for the first-year students on 27-09-2024 to visit Kanchipuram. KanchiKudil Located at Sangeetha Vidwan Nainar Pillai Street in Kancheepuram, KanchiKudil is a heritage museum that showcases the normal lifestyle and past heritage of the town. KanchiKudil is an ancestral home and welcomes you with its splendid and traditional interiors. The old-fashioned 90-plus-year-old home is well-preserved and maintained. Exhibits including utensils, furniture, costumes, and so on are well taken care of for the visitors to see. Many paintings that depict the lives of locals are exhibited, throwing light on the social traditions that existed during those days. There are photographs of women wearing amazing South Indian jewelry. The master bedroom, children's room, worship room, open courtyards, verandahs, and backyard are the parts of the building where families lived in the past.



Seminar on “ World Statistics day- History of Statistics 22-20-2024

The Department of Statistics organized a Seminar on World Statistics Day in the topic of “History of Statistics”. The resource person was Dr. M. R. Srinivasan, Adjunct Professor, Chennai Mathematical Institute, Siruseri, Chennai. The chief guest introduction was given by Keerthana (I – Year student). The resource person explained deeply about the Historical evidence and importance of Statistics. He has explained the History of Statistics from 16th century. Sir has posted the pictures of various authors and their inventions, theories, distributions, experiments respectively. The resource person also delivered statistical techniques which are used in a wide range of scientific and social research, including Actuarial science, Image processing, Socio metrics, Jurimetrics etc., Finally it was an interactive session for all the students. At last vote of thanks was proposed by Meena (II – year student).

2nd International Conference on Statistical Modelling and Its Applications on 5th and 6th Dec 2024

The Department of Statistics organized 2nd International Conference on Statistical Modelling and Its Applications. The chief guest was DR. P. DHANAVANTHAN, (Retd.)

Professor - Dept of Statistics, Dean, Ramanujan School of Mathematical Sciences ,Pondichery University who inaugurated the conference. Day1, Dr. T. Anbupalam, Centre for Healthy Brain Ageing (CHeBA), University of New South Wales, Sydney, Australia, Topic: Heritability and genetic correlations of age - related phenotypes in Older Australian Twin Study, Dr. S. Harini, Data Scientist, TeTāhūHauora Health Quality & Safety Commission New Zealand., Topic: Unlocking Data Science Careers: The Power of Statistical Modelling in Real - World Applications, Dr. N. Viswanaathan, Associate Professor & Head, Dept. of Statistics Presidency College, Chennai. Topic: Survival Probability Estimation using Fuzzy Models and Neural Network Models under Non -Linear and Non - Proportional Hazard Assumptions, Dr. Parameshwar V. Pandit Senior Professor, Dept. of Statistics Bangalore University, Bangalore. Topic: Statistical Inference for Reliability of Systems under Stress - Strength Setup: some Specific Cases, Dr. C. Ponnuraja Scientist, ICMR, Chennai. Topic: Diagnosis of TB Disease in Chest X-ray images using Deep Learning Technique.





In Day 2, Dr. C. Vijayalakshmi, Associate Professor, Dept. of Statistics and Applied Mathematics, CUTN, Thiruvavur. Topic: Statistical models for the impact of purchase and sales of Foreign Institutional Investment (FIIs) on Indian stock under various sectors, Dr. S. Rita Associate Professor and Head i/c Department of Statistics, Periyar University, Salem. Topic: Analyzing and Performance Improvement of Machine Learning Techniques of Home Loan Approval Predictions, Dr. G. Jayasree, Professor & Head, Dept. of Statistics, University College of Science, Osmania University, Hyderabad. Topic: Some studies on Family of Distributions, Dr. Kiruthika Professor, Ramanujan School of Mathematical Sciences, Pondicherry University. Topic: Evolution of Distance Based Clustering Methods, Dr. M. R. Sindhumol, Associate Professor & Head, Department of Statistics, University of Madras. Topic: An Introduction and application on Tensor Analysis

AYUSH – Health Camp on 20-12-2024



Department of Statistics and the BIZSTAT Association organized a free AYUSH - Health Camp on 20-12-2024 for the students and staff on our campus. The camp organizer AYUSH ACHEIVERS academy helped with the event. Aruna Devi (2nd-year student) and Sai Sampath (2nd-year student) delivered the welcome address and an Introduction about the camp organizers (Doctors). Finally, Dhanush (1st year student) gave a vote of thanks at the inaugural function. The Chief Guests Dr. M. Jayapal, Dr. Chandrasekar, Dr. Athiray, and Dr. Gayathri delivered the speech about the AYUSH and its importance. A team of ten was invited, comprising four senior doctors, three junior doctors, 2 Acupuncture specialists, and three health specialists. The camp proved useful for the Students and Staff. "Sukkupaal" was distributed as a refreshment for the participants. Finally, the data collected from the camp was analyzed to provide an overview of the health of the students and staff of DDGDVC.

Parents - Teachers meeting on 31-01-2025

The Department of Statistics conducted a Parents-Teachers meeting for first year students which was held on 31-01-2025. 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 advised the students to score good marks in the next CIA exams and end-semester examinations and gave suggestions to the parents that to take care of their ward during the ESE.



STATISFY'25 on 07-02-2025

STATISFY'25, a cultural extravaganza is the official flagship event organized by the BIZ-STAT Student Forum of Department of Statistics on 07-02-2025. This will be an Inter-Collegiate fest which gives the students a wide platform to showcase their talents. The chief guest was Mr. Sarath Kumar, social media influencer and Chief marketing officer in filter mocha and Guest of Honour was Mr. Sridharan, Territory Sales officer of Title sponsor HERO.

Guest Lecture on “Real Analysis - Sequence and Series” 28-02-2025

The Department of Statistics organized a Guest Lecture on the topic of “Real Analysis – Sequence and Series”. The resource person was Dr.R. Kokila, Assistant Professor, Department of Mathematics, Sindhi College, Chennai. The welcome address was given by Keerthana, (I year student). The introduction of the chief guest was given by Logapriya, (I year student). The resource person explained deeply about Real Analysis. She also explained about Sequences and series. It was an Informative session for the Students. The vote of thanks was proposed by Logapriya (I year student).

Industrial Visit on 21-02-2025

The Department of Statistics organized an Industrial Visit for second-year students on 21 February 2025 to the Atal Incubation Centre, Pondicherry Engineering College Foundation, Pondicherry. Students attended a lecture on the applications of Statistics, how to operate a 3D Scanner, 3D Printer, and drone camera, as well as how to maintain records and measure product quality, delivered by Mr. Vishnu Varadhan, CEO.





THE EDITORIAL BOARD



DEPARTMENT OF STATISTICS

Chief Editor

Dr. S. Sundarabalan

Sub Editors

Dr. T. Maheshwaran

Dr. S. Santhi

Dr.S.Raguraman

Dr.R.Guruviswanathan

Dr.N.S.Indhumathy