

A WORKSHOP REPORT ON “FUNDAMENTALS OF STATISTICS WITH CASE STUDIES AND APPLICATIONS”

By

DEPARTMENT OF MATHEMATICS

SCHOOL OF ARTS AND SCIENCE

AV Campus, Paiyanoor - 603 104

Title of the Event : Fundamentals of Statistics with Case Studies and Applications


Date : 20-10-2022

Venue : Department of Mathematics

Number of participants : 50

Background & Objective:

Department of Mathematics, School of Arts and Science, AV Campus, VMRF (DU), organized an interactive workshop on “Fundamental of Statistics with Case Studies and Applications” to enhance the students knowledge and faculty members on 20th October 2022.



Cordially invites you all for the workshop on

Fundamentals of Statistics with Case Studies and Applications

Resource Person

Dr. S. Venkatesan, M.Sc., M.Phil., Ph.D.,
Assistant Professor in Mathematics,
Sri Ramachandra Faculty of Engineering & Technology,
SRIHER [DU].

Date : 20th October 2022, Thursday
Time : 10.00 a.m. @ Indoor Auditorium, AV Campus

In the presence of
Dr. T. H. Nazeema, Director, SAS
Dr. V. Ananthan, Asst. Prof. & Head,
Dept. of Mathematics

Program Co-ordinators
Ms. Loganathan, AP(Gr-II)
Mr. Rajasekhar, AP
Mr. R. Karthick Swaminathan, AP(Gr-II)

Organised By : Department of Mathematics

The day meeting began on 20th October 2022 morning with an inaugural ceremony at the Department, where the chief guest **Dr. S. Venkatesan, Assistant Professor, Department of Mathematics, Sri Ramachandra Faculty of Engineering and Technology, SRIHER (DU), Chennai.**

The meeting began with a welcome note from the programme convenor Dr. V. Ananthan, HoD /Mathematics and the Workshop Presided by Dr. T.H. Nazeema, Director, School of Arts and Science, AV Campus. Finally, the technical section begins with our workshop, after chief guest introduction given by Mr. S. Loganathan, Assistant Professor, Mathematics Department, SAS.



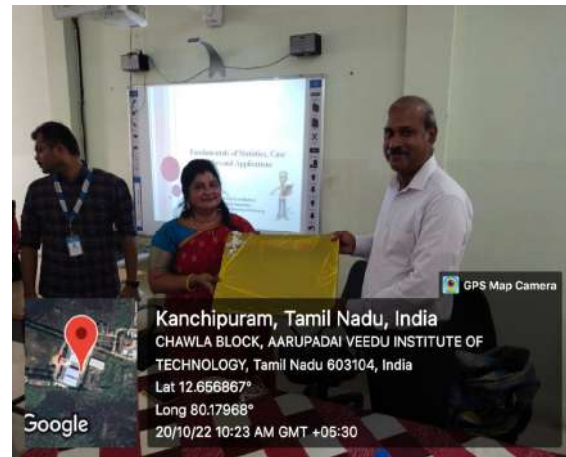
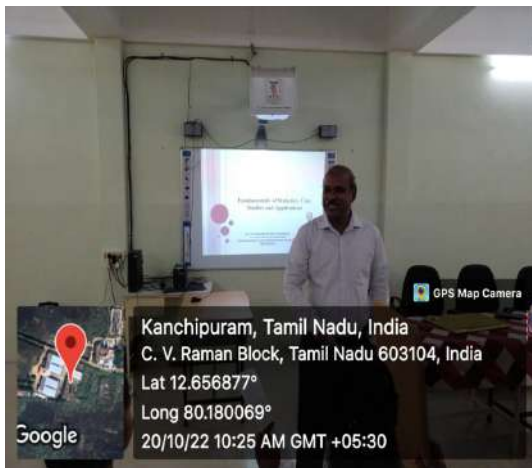
The ultimate objectives of this workshop are:

1. The introduction about the Statistics
2. Regression and correlation
3. Binomial Distribution
4. Poisson Distribution
5. Uses of Mean, median and mode

The workshop hosted by the faculties

1. Dr. V. Ananthan, Associate Professor & Head
2. Mr. S. Loganathan, Assistant Professor Grade-II
3. Mr. R. Karthick Swaminathan, Assistant Professor Grade-II

The workshop also provided the active platform to discuss idea on the used centric nature for Statistics. Statistics is a branch of mathematics that deals with data collection,



structure, interpretation, and presentation. It is one of the most important and robust branches of mathematics. In other words, we can say that it's all about applying various methods to the raw data in order to make it more understandable. Statistical models apply statistics to issues in industry, society, and science. It includes data analysis, collection, and interpretation.

End of the workshop, feedback from distributed to participants and collected. School of Arts and Science observed that the students are interested on these kind of future scope based topics.

The workshop was concluded with vote of thanks by Mr. R. Karthick Swaminathan, Assistant Professor, Department of Mathematics, SAS with the words and vision of organizing by Mathematics Department in coming days.

Workshop Details:

The workshop “Fundamental of Statistics with Case Studies and Applications” was conducted in the Institute from 10.00 am to 12.00pm.

Participant’s Details:

This workshop had approximately 50 participants who had participated and gained knowledge from the various aspects.

Outcome of the Workshop:

An overwhelming response has been received from workshop from various participants. The participant has given very good feedback for the flawless conduct.

