



VINAYAKA MISSION'S RESEARCH FOUNDATION  
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**SCHOOL OF ARTS AND SCIENCE**  
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SAS/CIR/25/2023-24/001

**CIRCULAR**

**SEMESTER: ODD**

**ACADEMIC YEAR:2023-24**

DATE:18.08.2023

The Department of Mathematics is planning to organize a Guest lecture under the title of "A View on Statistical measures through R Software " on 28.08.2023 at 10.00 am.

CIRCULATED TO: All Heads, Staff members, Non-Teaching Staffs and Students.

  
Director (SAS) 28/8/2023

## SCHOOL OF ARTS AND SCIENCE

AV Campus, Paiyanoor - 603 104

### Department of Mathematics

### Guest Lecture Report

**Title of the Event** : A view on statistical measures through 'R' software  
**Date** : 28.08.2023  
**Venue** : Digital Class Room  
**No. of Participants** : 23



Cordially invites you all for the  
Guest Lecture on

### A View on Statistical Measures through R Software

**Resource Person**

**Dr. M. Thamizhsudar**  
Associate Professor  
Humanities & Science  
(Maths Department)  
AVIT, Chennai

**Date : 28<sup>th</sup> Aug 2023, Monday**  
**Time : 01.00 p.m. @**  
**Indoor Auditorium, AV Campus**

**Organised By : Department of Mathematics**

The department of Mathematics of School of Arts and Science, AV Campus Paiyanoor, Old Mahabalipuram Road, Chengalpattu District, (VMRF) organized a Guest lecture on “A View on Statistical Measures through ‘R’ Software” on 28-08-2023.

The Guest speaker Dr. M. Thamizhsudar, Associate Professor, Department of Mathematics, AV Campus, OMR, was heartily welcomed by Dr. V. Ananthan, Associate professor Head of the

Department, Mathematics.

The Guest has unflinching commitment and ardent passion towards teaching, also resource person for workshop on “Mathematical Applications in Electronics, Communication and Biomedical Engineering” and delivered a talk on “Applications of Probability and Statistics in signal processing” on 20<sup>th</sup> January





2021 to attended various conferences, FDP and published papers in national and international journals etc.

Dr. M. Thamizhsudar delivered the lecture focused on what are Examples of Data Science, A scientific approach of retrieving the information from data. Data is the important source of information but it cannot speak itself. We cannot understand what in data is telling us Statistics is the language of data. Statistics is a

science of converting data into information which is to be used for decision making. Provides visual information about the nature and degree of relationship between two variables.

### **Ultimate Objective of the Lecture:**

- R is an open-source language, so anyone is free to use it or contribute to its development.
- The massive community behind R is constantly releasing new packages that improve and extend the language's functionality.
- R was designed specifically for statistical computing and analysis, and it's the most popular programming language used in the field.
- As an interpreted language, you can run R code without using a compiler.
- R is a cross-platform programming language, so it can run on most operating systems.

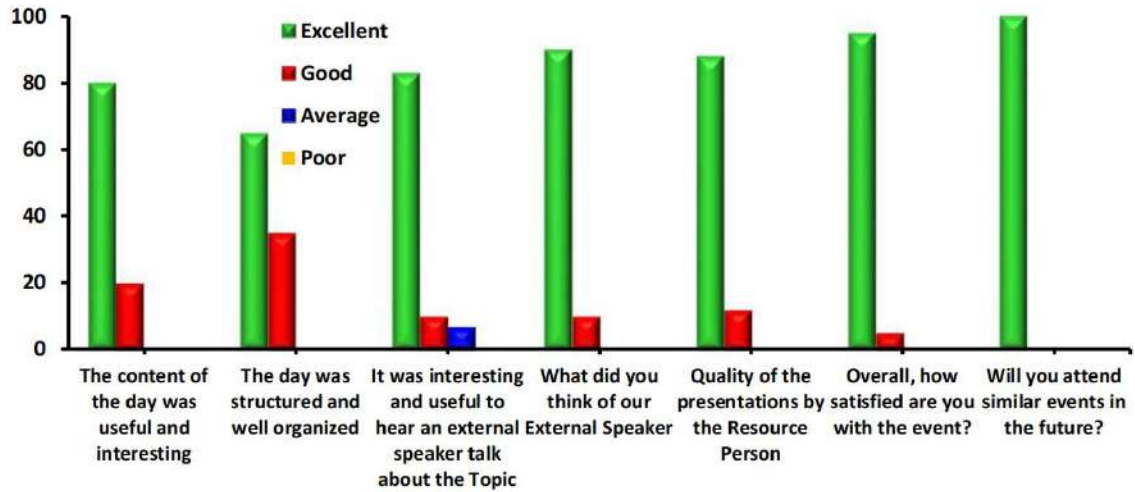
Students were attentively observed presentation and asked the doubts based on the future applications. Overall, this lecture created the small spark between the young minds. End of the Guest Lecture, feedback form given to the students and collected. From the results, SAS observed that the students are interested on these kinds of future scope-based topics.

### **PARTICIPANT'S DETAILS:**

This seminar had approximately 23 participants who participated and gained knowledge from the various aspects.

### **OUTCOME OF THE SEMINAR:**

An overwhelming response has been received for seminar from various students. The participants have given very good feedback for the flawless conduct and certificate issued.



**SOME GLIMPSES OF THE Guest Lecture**

