

TEACHING LEARNING CENTRE  
Ramanujan College  
(Accredited Grade 'A++' by NAAC)  
University of Delhi

under the aegis of

PANDIT MADAN MOHAN MALAVIYA NATIONAL  
MISSION ON TEACHERS AND TEACHING  
MINISTRY OF EDUCATION

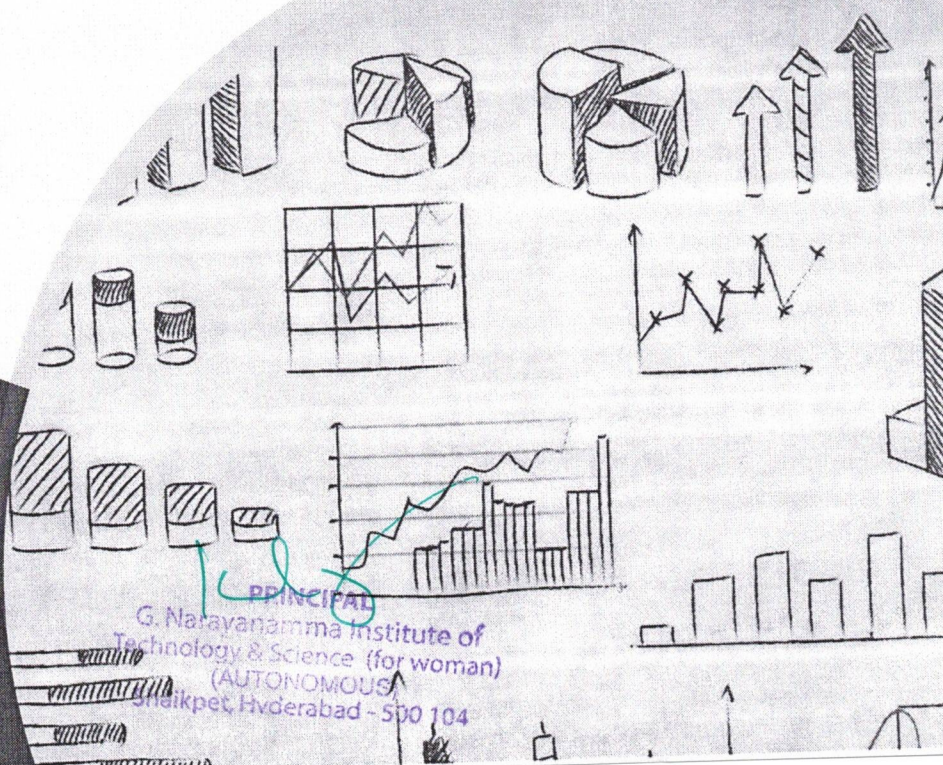
is organising an

Online One-week Faculty Development Programme

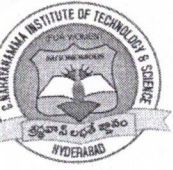
# DATA ANALYSIS USING R

08 - 14 May 2023

Call for  
Registration &  
Participation



PRINCIPAL  
G. Narayanamma Institute of  
Technology & Science (for woman)  
(AUTONOMOUS)  
Shaikpet, Hyderabad - 500 104



**G.NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE (For Women)**  
**(AUTONOMOUS)**  
**Shaikpet, Hyderabad – 500104**

**Department of Humanities and Mathematics**

2022-23

REPORT

FDP on “ Data Analysis Using R ”

**Date of program:** 08<sup>th</sup> May 2023 to 14<sup>th</sup> May 2023

**Resource person:** 1.Dr. Nikhil Kumar Rajput

2.Mr. Vipin Rathi

3.Dr. Ashish Kumar Shukla

4.Dr. Sachin Tomer

5.Ms. Shipra Yadav

**About the Program:**

Data analysis is one of the most crucial steps in doing research. The tools and methods used are significant not only in finding stochastic relationships in mathematical format, but also helps in explaining the relationships among variables. These procedures are used to explain and predict the levels of variables in interest as well as to test hypotheses about their relationships, and the results are often used as evidence in a wide range of policy settings. One of the applications used for this purpose is R. During program, I have learnt about how to

- 1.Introduction to Quantitative Research Methods
- 2.Fundamental and Advanced Functions of R
- 3.Developing an understanding about Descriptive Statistics
- 4.Inferential Statistics for Parametric comparison of means (t-tests, ANOVA) and co-relational regression
- 5.Non - parametric statistical analysis

**Signature of the Faculty member**

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