5-DAYS ONLINE WORKSHOP ON R AND R-STUDIO
10TH MAY - 14TH MAY 2021
RESOURCE PERSONS:

Dr. R. Vishnu Vardhan Assistant Professor Department of Statistics Pondicherry University	Dr. S. Balaswamy Assistant Professor Department of Statistics Indira Gandhi National Tribal University

Platform: Google meet

meet.google.com/sbj-esaj-ywd

Department of Psychology
Bangalore Bannerghatta Road Campus
CHRIST (Deemed to be) University

Title of the event	**5-Days Online Workshop On R and R-Studio (Faculty Development Programme - 2021)**
Event date	**10th May - 14th May 2021**
Event location	Online (Google Meet)
Time duration of the event	3-5 pm (two hours)
Organizing Secretary	Dr. Rameshbabu Tamarana
Number of faculty attended	11
Name of the Resource Persons	**Dr. R. Vishnu Vardhan** Assistant Professor Department of Statistics Pondicherry University Pondicherry - 605014 Email: vvardhan.sta@pondiuni.edu.in
	Dr. S. Balaswamy Assistant Professor Department of Statistics Indira Gandhi National Tribal University Lalapur, Amarkantak – 484 886 Email: balaswamy@igntu.ac.in

The objective of the event

The five-day online workshop on R and R-studio aimed to enable faculty participants to analyze data using R and R-Studio and its application in downstream psychological data analysis. Successful completion of this workshop provided participants with practical knowledge of R and R studio statistical programming language usage in data analysis.
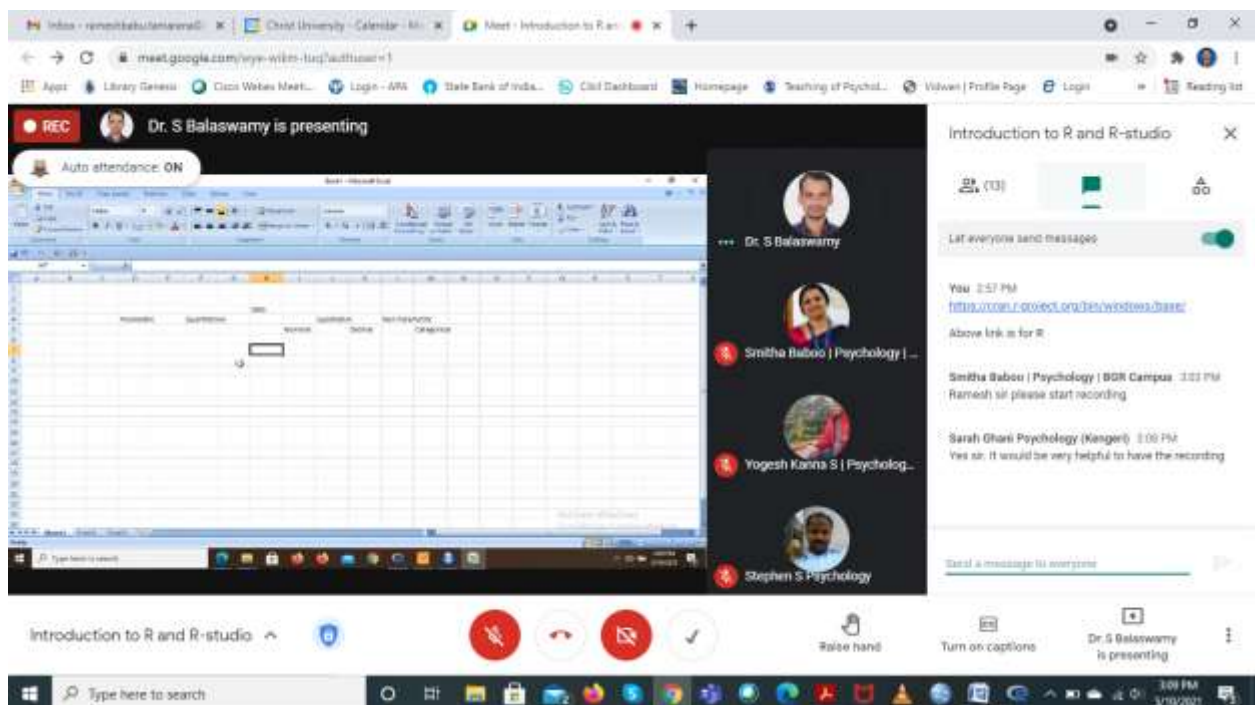
Workshop highlights

As part of the Faculty Development Programme – 2021, the five-day online workshop on R and R-Studio was conducted for the faculty of the Department of Psychology, Christ (Deemed to be University) Bannerghatta Road and Kengeri Campuses. The sessions were held for two hours for five days.

The workshop started on Day-1 with the installation of R and R-studio and further discussed how to handle different types of data followed by writing custom functions, passing parameters etc. Dr. S. Balaswamy conducted the Day-1 session.

On Day-2, the workshop started with basic data analysis and continued with data cleaning and how to perform summary statistics in R and R-Studio was discussed. Dr. S. Balaswamy handled the Day-2 session. On Day-3, the workshop started with descriptive statistics and further continued with the graphical representation of the data and correlation analysis.

On Day-4, the session was handled by Dr. R. Vishnu Vardhan. The session started with how to choose correct statistics based on study variables was discussed. The session continued with performing inferential statistics like t-tests, One-way ANOVA, Two-way ANOVA, and MANOVA in R and R-Studio.

On Day-5, the session started with how to perform cluster analysis using R and R-Studio programming languages, followed by factor analysis and structural equation modeling. Dr. R. Vishnu Vardhan handled the Day-5 session. The workshop was concluded with vote of thanks by Dr. V. Ram Kumar.

List of the Participants

1. Dr. Vijayalaya Srinivas
2. Mr. Stephen
3. Dr. Smitha Baboo
4. Dr. Yogesh Kanna
5. Dr. Rameshbabu
6. Dr. Manikandprabhu
7. Dr. Navya Pandey
8. Dr. Akriti Srivastava
9. Dr. Sarah Ghani
10. Dr. Nesin Matthew
11. Dr. Ramkumar Vivekananda

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