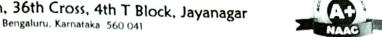


## RASHTREEYA SIKSHANA SAMITHI TRUST

# R V INSTITUTE OF MANAGEMENT

CA 17, 26 Main, 36th Cross, 4th T Block, Jayanagar





# FDP on 'Quantitative Data Analysis using R'

Date: 2 <sup>nd</sup> -11 <sup>th</sup> Nov, 2020	Venue: Webinar / Zoom meeting	
Time: 04.30pm to 06.00pm	Event : Faculty Development Program	
No. of Participant: 120	Event Convener: Dr. Purushottam Bung, Dr. Padmalini Singh Event Coordinator: Prof. Priya Jain	

#### Objectives

- The FDP was intended to support researchers, consultants, and data analysts to:
  - Have a clear understanding of fundamentals of quantitative research
  - Have hands on R software tools for data analysis
  - To help them acquire a new skill set by learning R

### Agenda/Flow of the Event

(Dr. Ashish Singh, IIT Bombay) 04:00 PM - 06:00 PM		(Mr. Shankar MM Mentor – CARES, Bangalore) 04:00 PM - 06:00 PM
Session 1 2 <sup>nd</sup> Nov, 2020 (Monday) Measurement & Scaling	Session 2  2 <sup>nd</sup> Nov, 2020  (Monday)  Measurement & Scaling	Workshop Session 11 7th Nov. 2020 (Saturday) Introduction to R (Basics) Workshop Session 12
Session 3  3 <sup>rd</sup> Nov, 2020 (Tuesday) Questionnaire Design	Session 4 3 <sup>rd</sup> Nov, 2020 (Tuesday) Data coding	8 <sup>th</sup> Nov, 2020 (Sunday) Testing of Hypothesis (Parametric & Non-Parametric tests)
Session 5 4th Nov, 2020 (Wednesday) Sampling & Sampling	Session 6 4th Nov, 2020 (Wednesday) Sampling & Sampling	Workshop Session 13 9th Nov, 2020 (Monday) Correlation & Regression
Distribution  Session 7  5th Nov, 2020  (Thursday)  Hypothesis testing	Distribution  Session 8  5th Nov, 2020  (Thursday)  Inferential statistics (including testing of statistical significance)  Session 10  Workshop Session 14  10th Nov, 2020  (Tuesday)  Exploratory Factor Analysis And alpha assessment  Workshop Session 15  11th Nov, 2020	10 <sup>th</sup> Nov, 2020 (Tuesday) Exploratory Factor Analysis And alpha assessment Workshop Session 15
Session 9 6 <sup>th</sup> Nov, 2020 (Friday) Multivariate analysis	6 <sup>th</sup> Nov, 2020 (Friday) Correlation and Regression (testing and interpretation)	(Wednesday) Overall Practical Approach towards questionnaire-based data analysis using R

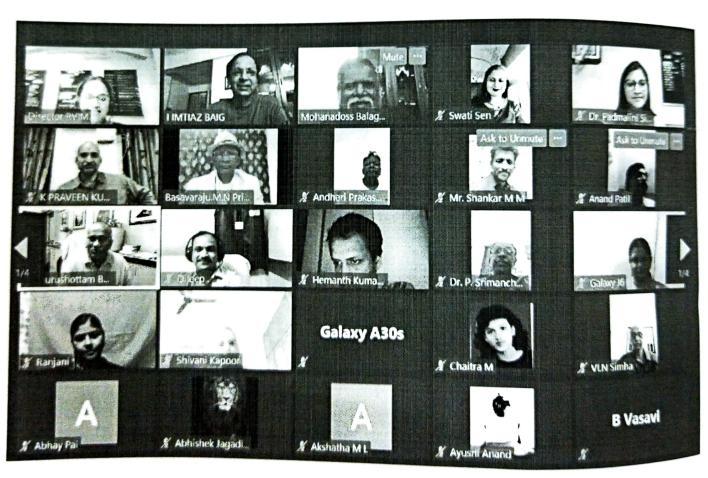
## Outcome Achieved/ Attained:

The LDP was designed in two parts wherein first 5 days Dr. Ashish Singh. Assistant Professor, III Bombay of The LDP was designed in two parts wherein first 5 days Dr. Ashish ang.

the fundamentals of quantitative research, clearing the concepts right from measurement and scaling, questioning the fundamentals of quantitative research, clearing the concepts right from measurement and scaling, questioning the fundamentals of quantitative research, clearing the concepts right from measurement and scaling, questioning the fundamentals of quantitative research, clearing the concepts right from measurement and scaling, questioning the concepts right from measurement and scaling, questioning the concepts right from measurement and scaling and data analysis. Once the concepts right from measurement and scaling and data analysis. to understanding of various quantitative tools for hypothesis testing and data analysis. Once the Panis to understanding of various quantitative tools for hypothesis to conceptual clarity, rest 5 days were dedicated for workshop where participants were simultaneously practice and advance. This approach of theory for the participants were simultaneously practice. conceptual clarity, rest 5 days were dedicated for workshop with a superior of theory followed by experts on the data sets made available to them in advance. This approach of theory followed by was successful in the following ways

- Participants had a better understanding about the fundamentals of quantitative research right from the fundamental right Participants had a better understanding about the fundamental and sampling distribution. Hypothesis inferential statistics and Multivariate analysis
- Participants were able to understand the basics of R programming.
- Participants were able to run the codes following the expert and practicing simultaneously on their de were able to generate the results
- Participants were able to do the basic statistical analysis using R.
- The FDP was helpful for academicians, researchers, consultants and executives to use R for the quant research.

10 days FDP was completely appreciated by the participants. The expert's talk followed with the workshop was to helpful in practicing the concepts learnt by the participants.





### Feedback & Coordinator Comment:

The FDP program was received much appreciation by all the participants. The participants also valued and enjoyed the interaction with the experts as well as during the FDP. The participants have requested to organize FDPs and workshop on research in future too.

Bangalore

Director

Event Convener: Dr. Padmalini Singh

Event Coordinator: Prof. Priya Jain

Annexure 1	Proposal / Approval
Annexure 2	Circular / Brochure of the event
Annexure 3	Brief profile of the speaker
Annexure 4	Attendees list
Annexure 5	Photo Gallery
Annexure 6	Detail Feedback (if required)
Annexure 7	Any other related documents