

RASHTREEYA SIKSHANA SAMITHI TRUST R V INSTITUTE OF MANAGEMENT CA 17, 26 Main, 36th Cross, 4th T Block, Jayanagar Bengaluru, Kamataka 560 041



FDP	on 'Quantitative Data Analysi	s using R'
Date: 2 nd -11 th 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	
 Have a clear understand Have hands on R software 	oport researchers, consultants, and data and ng of fundamentals of quantitative researc re tools for data analysis new skill set by learning R Agenda/Flow of the Eve	h
(Dr. Ashish Singh, IIT Bombay) 04:00 PM - 06:00 PM		(Mr. Shankar MM Mentor – CARES, Bangalore)
art between we show a	1	04:00 PM - 06:00 PM
Session 1	Session 2	Workshop Session 11
2 nd Nov, 2020	2 nd Nov, 2020	7 th Nov, 2020
(Monday)	(Monday)	(Saturday)
Measurement & Scaling	Measurement & Scaling	Introduction to R (Basics)
Session 3	Session 4	Workshop Session 12
3 rd Nov, 2020	3 rd Nov, 2020	8 th Nov, 2020
(Tuesday)	(Tuesday)	(Sunday)
Questionnaire Design	Data coding	Testing of Hypothesis
		(Parametric & Non-Parametric tests)
Session 5	Session 6	Workshop Session 13
4 th Nov, 2020	4 th Nov, 2020	9 th Nov, 2020
(Wednesday)	(Wednesday)	(Monday)
Sampling & Sampling	Sampling & Sampling	Correlation & Regression
Distribution	Distribution	
Session 7	Session 8	Workshop Session 14
5 th Nov, 2020	5 th Nov, 2020	10 th Nov, 2020
(Thursday)	(Thursday)	(Tuesday)
Hypothesis testing	Inferential statistics (including	Exploratory Factor Analysis
S 0	testing of statistical significance)	And alpha assessment
Session 9 6 th Nov, 2020	Session 10	Workshop Session 15
	6 th Nov, 2020	11^{th} Nov, 2020
(Friday) Multivariate analysis	(Friday) Correlation and Regression	(Wednesday) Overall Practical
munivariate analysis	(testing and interpretation)	Approach towards questionnaire-based data analysis using R

Outcome Achieved/ Attained:

The FDP was designed in two parts wherein first 5 days Dr. Ashish Singh, Assistant Professor, IIT Bombay deliberated on the fundamentals of quantitative research, clearing the concepts right from measurement and scaling, questionnaire design to understanding of various quantitative tools for hypothesis testing and data analysis. Once the participants had conceptual clarity, rest 5 days were dedicated for workshop where participants were simultaneously practiced the instructions by experts on the data sets made available to them in advance. This approach of theory followed by practice was successful in the following ways:

- Participants had a better understanding about the fundamentals of quantitative research right from measurement and scaling, questionnaire design and data coding, sampling and sampling distribution, Hypothesis testing, 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 device and 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 quantitative research.

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



Few testimonials of the participants



Prof. Javed Shaikh, Academic Associate, IIM-Ahmadabad

Mr. I.IMTIAZ BAIG

"RVIM is very efficient and effective in conducting such FDPs".



Talent Manager Baig & Associates "Being regular participants of the RVIM web programs, I must say as always, well structured in terms of contents, design and choice of resource person. Very meticulous and above all the service orientation of the administration is noteworthy. Dr.Bung, Dr.Padmalini, Prof. Priya and the technical team too."



Prof. Shivani Raghuvir Research Scholar XIME "It was a good job done. We know RVIM as not only quality oriented but ethically strong. The way the FDP was conducted it mirrored their values and approach towards higher education".



Dr. Basavaraju.M.N. Principal, SJR College of Science, Arts and Commerce "You are creating good awareness about the much needed areas of research".



Snapshot of few days- Q&A session with Mr. Shankar MM and Dr. Ashish Singh





.

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.

Event Convener: Dr. Padmalini Singh_

Event Coordinator: Prof. Priya Jain

Director