CHRIST UNIVERSITY
BANGALORE 560 029

National level Hands-on Training Workshop on
MIXED RESEARCH METHODS, TECHNIQUES AND DATA ANALYSIS USING 'R' METHODS
Module I: Qualitative Methods
Dates : September 19-21, 2016 (Three days)

Venue: CHRIST UNIVERSITY NODAL OFFICE
Vazhuthacaud, Thiruvananthapuram – 695 014, Kerala

Introduction and Aims:

'R" is a free software programme useful for researchers in analyzing both qualitative and quantitative data. The workshop focuses on using R for qualitative analysis and aims to improve the understanding and skills of the participants in using R for research work.

Content and Schedule of the Workshop

Workshop will provide (a) introduction to qualitative research and contemporary methods in data analysis; (b) inputs on different methods of R software; and (c) hands-on training in using R methods for qualitative data analysis

Topics to be covered:

 Topics with schedule of the Workshop for the three days – February 23, 24 & 25, 2015 – attached.

Resource Person:

Very experienced and top ranked data scientist, with very good feedback from participants of previous training workshops

Profile of Participants:

Scientists, Researchers, Faculty, Research Guides, and Ph.D Scholars

Workshop registration:

Interested participants may apply, using the Registration Form attached, by e-mail/post/hand on or before **September 14, 2016.   Payment of fees: Rs.3,500** - must be paid by (a) **DD** - drawn in favour of the Vice Chancellor, Christ University, Bengaluru 560029 or (b) **Bank Transfer** as shown in the Registration Form. Application received after due date, and without the fees, will not be entertained. Fees include costs of training materials, stationery, use of computer lab, lunch and refreshments on the three training days. Fees may also be handed over, with the application, at the Nodal Office during office hours.

Accommodation:

Can be arranged, on request in one of the following places, according to preference and subject to availability (a) Animation Training Centre - for Ladies and Gentlemen (rent around Rs.300/night); (b) Ladies' Hostels - YWCA & Zanana Mission Hostel (rent - Rs.350 to Rs.700 per night with food); or (c) Hotels in the city. Rent may be paid directly. Participants may also make own arrangement.

Additional Information:

❖ Participants are advised to bring their own **laptops** for doing workshop exercises.
❖ The workshop starts at **10.00 am on September 19, 2016.**
❖ **Certificate of Participation** will be issued to those who take part in all sessions of the Workshop.
❖ Certificate for availing **duty leave** will also be issued on request.

For more information, if any, please contact:

Research Director, Christ University Nodal Office, T.C.15/1359, All India Radio Road, Vazhuthacaud, Thiruvananthapuram – 695014, Kerala, Tel: 0471-2339959/2339960; mobile 9746936082;
email: tvm@christuniversity.in); www.christuniversity.in

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Day	Session	Agenda
		DAY – I
September 19, 2016 (Day 1) F/N	09:30 am – 10:30 am	• Receiving Participants • Registrations & Formalities • Distribution of Welcome Kits • Personal Interactions
	10:30 am – 11:00 am	• Inaugural Ceremony • WELCOME ADDRESS • Introductions • Conduct of Survey
	11:00 am – 11:15 am: TEA / Snacks BREAK	
	11:15 am – 01:00 pm	• Need & Scope of Data Analysis • Contemporary Methods in Data Analysis • Scope for Data Science personnel in India • Q & A Session & Understanding Respondent's Specific Needs
01:00 pm – 02:00 pm		LUNCH BREAK
September 19, 2016 (Day 1) A/N	02:00 pm – 04:00 pm	• Introduction to Qualitative Research • Introduction to Qualitative Data Analysis (Concepts Only) • Introduction to "R" • Packages in "R" • Installation of "R" • Installation of packages required for workshop
	04:00 pm – 04:15 pm: TEA / Snacks BREAK	
	04:15 pm – 06:15 pm	• Introduction to R-Studio • Installation of R-Studio • Introduction to R-Commander • Installation of R-Commander • Introduction to Rattle • Installation of Rattle • Introduction to Revolution Studio Enterprise • Installation of Revolution Studio Enterprise • Q & A Session
		DAY – 02
September 20, 2016 (Day 2)	09:00 AM – 11:00 AM	• Concepts Behind R • Data types in R • Functions &Loops in R
	11:00 AM – 11:15 AM: TEA / Snacks BREAK	
	11:15 AM –	• Basic Programming Session

F/N	01:15 PM	• Working with R-Studio Environment • Basic Output Management
01:15 PM – 02:15 PM		LUNCH BREAK
September 20, 2016 (Day 2) A/N	02:15 PM – 04:15 PM	• Arrays in R • Text Arrays • Programming using Arrays • Other Basic Programming • Case Study
	04:15 PM – 04:30 PM: TEA / Snacks BREAK	
	04:30 PM – 06:30 PM	• Introduction to 'tm' package • Installation of 'tm' package • Introduction to 'wordcloud' package • Installation of 'wordcloud' package • Introduction to 'RQDA' package • Installation of 'RQDA' package • Q & A Session
	DAY – 03	
September 21, 2016 (Day 3) F/N	09:00 AM – 11:00 AM	• Text Mining concepts • Text Mining Theories • Learning Text mining using Case Study
	11:00 AM – 11:15 AM: TEA / Snacks BREAK	
	11:15 AM – 01:15 PM	• Wordcloud concepts & Theories • Learning Wordcloud using Case Study
01:15 PM – 02:15 PM		LUNCH BREAK
September 21, 2016 (Day 3) A/N	02:15 PM – 04:15 PM	• Uses of Text Mining &Wordcloud • Revision of Concepts • Discussion about Valuable Resources for R – Programming
	04:15 PM – 04:30 PM: TEA / Snacks BREAK	
	04:30 PM – 05:30 PM	• Q & A Session • Conduct of Final Survey
	05:30 PM	• Closing Ceremony • Distribution of Certificates • Vote of Thanks

Registration Form
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1	Name (in capital letters)		
2	Gender	Male	Female
3	Name of Institution and Department		
4	Designation		
5	Official address		
6	Educational qualifications		
7	Experience (yrs)		
8	Residential address		
9	E-mail ID:		
10	Telephone	Mobile	
11	Payment of fees: Rs.3,500/- by (a) Cash, (b) DD - drawn in favor of the Vice Chancellor, Christ University, Bengaluru 560029 or (c) Bank Transfer as shown below:		
	Name of A/c holder	CHRIST UNIVERSITY	
	Name of the Bank	South Indian Bank Limited	
	Branch	Main Branch, Thiruvananthapuram, Kerala	
	Address	P.B.No.5602, Spencer Junction, Thiruvananthapuram 695039, Kerala	
	Savings Bank Account Number	0119053000021409	
	IFSC	SIBL0000119	
	MICR Code	695059002	
	E-mail	accounts@christuniversity.in	
12	Food	Veg	Non Veg
13	Accommodation	Required	Not required
14	Signature		
15	Date	Place	

*Completed Registration form must be submitted through e-mail/post/hand to **on or before September 14, 2016** Research Director, Christ University Nodal Office, T.C.15/1359, AIR Road, Vazhuthacaud, Thiruvananthapuram 695004, Kerala, India; e-mail: tvm@christuniversity.in*