

PG AND RESEARCH DEPARTMENT OF COMMERCE AND MANAGEMENT STUDIES

SRI C ACHUTHA MENON
GOVERNMENT COLLEGE THRISSUR

Webinar Series on Research Methodology

Technical session 4

SELECTION OF SAMPLE UNDER PROBABILITY METHODS



7/4/ 2022

7 PM - 8.30 PM

G-MEET



DR. B. JOHNSON

PROFESSOR & HEAD
DCMS, UNIVERSITY OF CALICUT



Probability Sampling

The fourth technical session was held on 27-04-2022 between 7 to 8.30 P M. Dr B Johnson, Professor and Head, Department of Commerce, University of Calicut, handled the session on topic 'Probability Sampling'. Welcome for session was done by SmtBindu T, Assistant Professor of Commerce, VTB College. Resource person explained different random sampling methods along with pointed out the need for applying random sampling in researches to claim the generalizability of results. A lot of queries were raised by participants at the interaction time. The session was completed with vote of thanks by SmtJayapriya J, Assistant Professor of Commerce, Sri Neelakanta College, Pattambi.

Meet - dwf-jbhh-cvw x Welcome | OBS x +

meet.google.com/dwf-jbhh-cvw?pli=1&authuser=0

New Tab

Johnson Ben is presenting

Steps in sampling design

- Define the objectives of the investigation
- Define the population
- Specify the sampling units (Respondents from whom data is to be gathered)
- Deciding the sampling frame (List of sample units)
- Determine the sample size
- Availability of funds to conduct the investigation
- Selection of ideal sampling techniques to reduce sample error.
- Collect the data process it and present.

7:18 PM | dwf-jbhh-cvw

Activate Windows
Go to Settings to activate Windows.
[Show all](#)

OBS-Studio-27.2.4.exe x 3rd sem P G Intern...pdf x

Type here to search

Meet - dwf-jbhh-cvw x Welcome | OBS x +

meet.google.com/dwf-jbhh-cvw?pli=1&authuser=0

New Tab

Johnson Ben is presenting

I. Simple Random Sampling

- Population should be definite.
- Equal chance for every sampling units.
- No personal preference or bias.
- Methods of selecting sample:
 - Lottery method
 - Table of Random numbers method

7:27 PM | dwf-jbhh-cvw

Activate Windows
Go to Settings to activate Windows.
[Show all](#)

People

Mute all	Add people	Host controls
	Idhose K.V.	
	Ezhil Maran Pazhani	
	FEMINA P A	
	geetha harshan	
	Gireesh V P	
	girish mc	
	Indu rajesh	

Meet - dwf-jbhh-cvw (178) WhatsApp Inbox (1,319) - deepapau00 Open Broadcaster Software Welcome | OBS

meet.google.com/dwf-jbhh-cvw?pli=1&authuser=0

New Tab

Johnson Ben is presenting

Theoretical base of sampling

Law of statistical regularity: If the sample is selected on random base on an average, the sample will have the composition, characteristics, properties and features of the universe.

Law of inertia of large numbers: when the sample size selected is large, the difference between the sample statistic and population parameter will be less. The sample will truly represent the universe.

Johnson Ben urmila menon bindu radhakrishnan

S.V.RAJKUMAR Padiyur Babu Nettyal Aslam kundayithode

manju ratheesh 61 others You

7:10 PM | dwf-jbhh-cvw

Activate Windows
Go to Settings to activate Windows.
[Show all](#)

OBS-studio-27.2.4.exe 3rd sem P G intern...pdf

Type here to search

30°C Light rain 19:10 07-04-2022