



ARMY INSTITUTE OF MANAGEMENT & TECHNOLOGY
(NAAC Accredited; Affiliated to GGSIP University, Delhi)

One week Online Faculty Development Programme (FDP)

On

Research Methodology

Army Institute of Management & Technology (AIMT) organized a **One Week Online Faculty Development Programme (FDP)** from 10-15th May 2021 on Research Methodology. The Programme was attended by 101 Faculties and Research Scholars from all over India. The whole FDP was divided into Five Topics and the Resource Persons are as follows.

Day	Topics	Resource Person
Day 1 10 th May 2021	Introduction to Research Methodology and Literature Review, Variable Identification	Dr. Mritunjay Kumar
Day 2 11 th May2021	Research Design & Questionnaire Design	Prof. Rahul/ Dr. Mritunjay Kumar
Day 3 12 th May 2021	Sampling Techniques & Hypothesis	Dr. Pallavi/ Dr. Mritunjay Kumar
Day 4 13 th May2021	Parametric tests (Indep. t test, paired t test and ANOVA)	Dr. Mritunjay Kumar
Day 5 15 th May2021	Non-Parametric Test – Mann Whitney, Kruskal-Wallis, Chi Square, Friedman Test	Air Cmde (Dr) J.K Sahu

The online FDP was designed and managed by Dr. Mritunjay Kumar, with the help of Dr. Pallavi Bhardwaj and Prof. Rahul. It was quite well accepted and appreciated by all the learners and Participants.

Day 1

Think about your Research:

- What were the research aims of the paper/book?
- Is the research aim achieved? If so, how did they do it?
- Are there any problems with methodology?
- Was it a strong or a weak research model?
- How will this research help with your own research?
- What can you take from it?
- What needs to be avoided?
- What are you doing differently?

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Zoom meeting controls: +14, KD, DK, DV, SG, Dr. Rajita Bhat, Dr. Anubhav Sharma, Dr. Pallavi, AMT Director, Prof. Rajul Verma, Dr. Mihiraj Kumar (Guest).

Day 2

Objectives of Research Design

- To gain background information and to develop hypotheses
- To measure the state of a variable of interest
- To test hypotheses that specify the relationships between two or more variables

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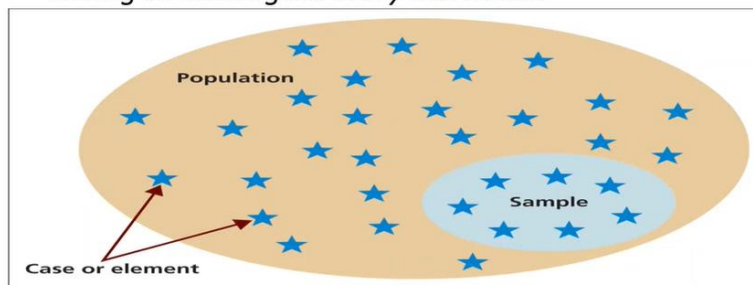
Zoom meeting controls: +26, H, SA, JV, BM, SR, SAKSHI RINHELA (Guest), AMT Director, ARANYA BANERJEE, Dr. Pallavi, Dr. Mihiraj Kumar (Guest), Prof. Rajul Verma.

Day 3



SAMPLING

- Sampling is a method that allows us to get information about the population based on the statistics from subset of the population, without having to investigate every individual.



Day 4

IBM SPSS Statistics Viewer

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  FILE='C:\Users\pc13\Desktop\FDP Day 4\Day 4\1 Independent t Test SalarySalary.sav'.
DATASET NAME DataSet1 WINDOW=FRONT.
EXAMINE VARIABLES=Salary BY Gender
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Independent-Samples T Test

Confidence Interval Percentage: 95 %

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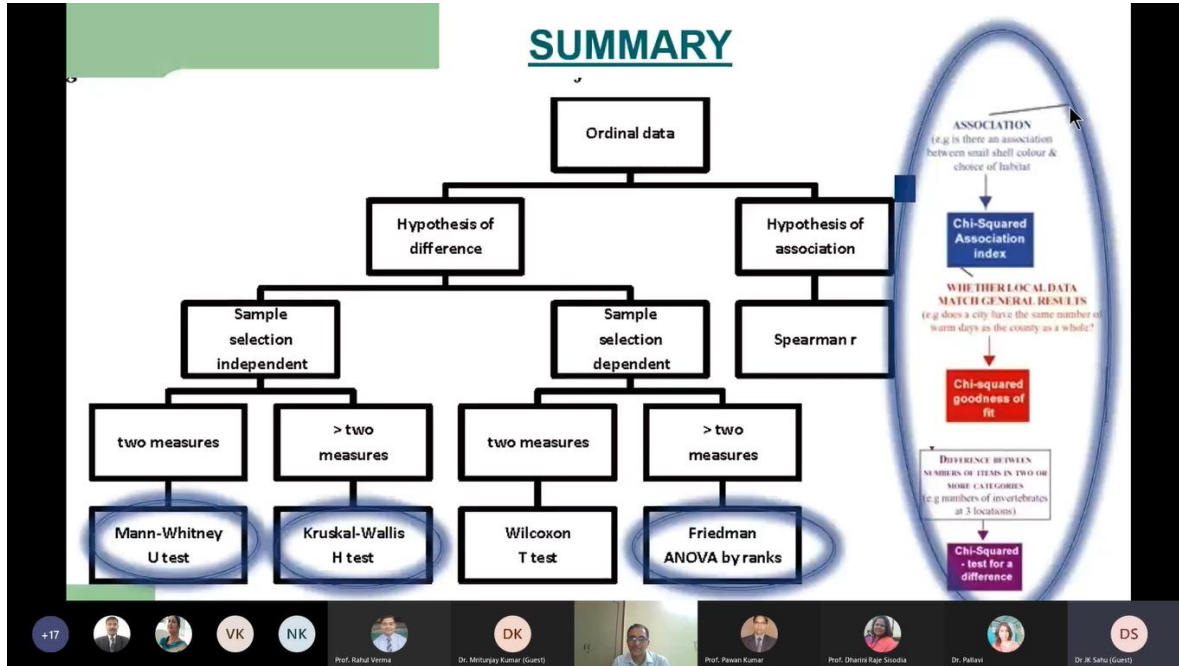
		Cases					
		Valid		Missing		Total	
What is your gender		N	Percent	N	Percent	N	Percent
Salary of teachers	Male	20	100.0%	0	0.0%	20	100.0%
	Female	20	100.0%	0	0.0%	20	100.0%

Descriptives

		Statistic	Std. Error
Salary of teachers	Male	Mean	49900.00
		95% Confidence Interval Lower Bound	45845.74

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Day 5



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ONE WEEK FDP ON RESEARCH METHODOLOGY

DATE : 15TH MAY 2021 | MODE : ONLINE ON MS TEAMS

COORDINATOR
 Dr. Mritunjay Kumar, Assistant Professor-AIMT
 Contact No. 9555675255

CO-COORDINATORS
 Dr. Pallavi, Assistant Professor-AIMT & Prof. Rahul Verma, Assistant Professor-AIMT

An IQAC Initiative

Thank You