Essentials of Research and Statistics Training

EMOJAR COUNSELLING & CONSULTING SERVICES

IAOTH CERTIFIED

Dates: 21st Feb 25th Feb, 2022 (5 days)

Total duration: 10 hours

Timings: 7 pm onwards

Eligibility: Psychology students, professionals, research students

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| **Session** | **Contents** | **Highlights** |
| Session 1- Orientation | * Post Graduation in Psychology
* M.A. v/s M.sc
* Courses available in India - AIMS and SCOPE
* All India Entrance Exams available
* Common topics covered
* Timelines of the dates
 | * Sample papers for entrances
* All Information regarding psychology entrances in India.
* Marks and Topic distribution for

entrances. |
| Session 2- Introduction to Research and Statistics | * Research Process:
	+ Hypothesis, Variables,

Reliability and Validity* Types of Data (Scales of

Measurement)* + Nominal
	+ Ordinal
	+ Scale
	+ Ratio
* Central Measures of

Tendencies: Mean, median and mode* Why is research is

important and why should we do research in the field of psychology | * Get featured on our blog
* Form your own mini research proposal
* Exciting quizzes and winners get prizes
 |
| Session 3 - Types of research Design | * Quantitative
* Quantitative
 | * How to make google form
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|  | * Ethological
* Mixed Method
* Triangulation
 | * How to formulate research questions.
* Hands on simulation as a researcher (Interviewing skills)
 |
| Session 4 - Statistics | * Types of Tests: Speed, Power
* Item Analysis
* Item Difficulty
* Power Test Difficulty
 | * Visual hands on games to understand concepts
	+ Gigsaw Puzzles
	+ Memory Game
	+ Sentence

Completion* + Design puzzles
	+ The synonyms game
 |
| Session 5 -Application of Data Analysis | SPSS* Test of normality
* Spearmen & types of test
* Pearson & types of test
* One way ANOVA and Two way ANOVA
* Qualitative Research Coding
 | * How to download softwares
* How to use excel for

qualitative data analysis (Open Coding,Grouping) |