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) |