

Workshop HANDS-ON: DATA ANALYSIS FOR RESEARCH AND
PUBLICATION WORKSHOP

Organized by
Master of Computer Application

Programme Schedule

Day 1: 12 April 2023(Wednesday)

Invited Speaker:

Dr. Richa Sharma

Associate Professor of Mathematics. JK lakshmipath University , Jaipur

TIME (MYT)	SESSION TITLE
10.30am - 1.00pm	Introduction to Data and their type Appropriate statistical techniques Descriptive statistics and their role in data presentation Calculation and interpretation
1.00pm - 2.00pm	<i>Lunch</i>
2.00pm - 3.00 pm	Selecting appropriate visualizations for presenting data Types of visualizations (e.g., histograms, box plots, scatterplots) Case studies and exercises using Excel and SPSS
3.00pm - 3.30pm	Summary and Q & A

Day 2: 13 April 2023(Thursday)

Invited Speaker:

Dr Anamika Jain

*Assistant Professor, Department of Mathematics and Statistics, Manipal
University Jaipur, Rajasthan*

TIME (MYT)	SESSION TITLE
10.30am - 1.00pm	Parametric Statistical Analyses Pearson Product-Moment Correlation Comparing groups - t-tests - paired and group Reporting <i>t</i> -test
1.00pm - 2.00pm	<i>Lunch</i>
2.00pm - 3.00 pm	Non-parametric Statistical Analyses Chi-square test for association Mann-Whitney U-test of comparison
3.00 pm - 3.30pm	Summary and Q & A

Note: Please bring your laptop with SPSS and MATLAB installed.