



HAMDARD INSTITUTE OF LEGAL STUDIES AND RESEARCH (HILSR)  
SCHOOL OF LAW  
JAMIA HAMDARD, NEW DELHI  
(Deemed to be University)  
Accredited in (A+) by NAAC

Organizes

## Two Day Workshop

on

# Quantitative and Qualitative Research Approaches: Using SPSS & R

Open to Faculty Members, Research Scholars  
and Students of Jamia Hamdard

**Prof. (Dr.) Moonis Shakeel**



**Resource Person**

Prof. (Dr.) Moonis Shakeel, a distinguished academic and corporate expert with 20 years of experience. His impressive background spans both the corporate and academic worlds. He has worked with renowned organizations such as CMIE and Evalueserve, specializing in Economics and Quantitative Investment Research. Additionally, he has collaborated with various Government Ministries, including the Planning Commission and Ministry of IT. His academic credentials include a Master's Degree and Ph.D. in Economics, and his expertise encompasses a wide range of areas, including Econometrics, Time Series Analysis, Predictive Modeling, Data Mining, Big Data Analytics, and more. He is proficient in various tools and software, including Hadoop, R, SPSS, EViews, and Microstrategy. Currently, he serves as a Professor in the Department of Economics at Jamia Millia Islamia, New Delhi, and as the Honorary Deputy Director of the University Placement Cell.



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21-22 October  
2024



9:00 am - 1:30 pm



Lt-5, Central Library  
Building, Jamia Hamdard

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Prof. (Dr.) Saleena K. Basheer  
Dean, School of Law,  
Jamia Hamdard



Dr. Sadaf Fatima  
Assistant Professor, HILSR,  
Jamia Hamdard

Sana Alvi  
3rd Semester,  
B.A.L.L.B

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**FACULTY ORGANIZER**

**Dr. Sadaf Fatima  
Assistant Professor, HILSR,  
Jamia Hamdard**

**Date: October 21-22, 2024**

**Time: 9:00 am - 1:30 pm**

**Target Audience: Faculty Members,  
Research Scholars and Students of  
Jamia Hamdard**

**Venue: Lt-5, Central Library  
Building, Jamia Hamdard, New  
Delhi**



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Department of Economics  
Jamia Millia Islamia  
New Delhi**

## Two Day Workshop

### Workshop Day- 1

#### Session - I

##### **Quantitative Research Approach**

- Concept of Research
- Quantitative Research Fundamentals
- Research Design
- Data Collection and Analysis
- Inferential Statistics

#### Session - II

##### **Data Analysis: Using SPSS**

### Workshop Day- 2

#### Session - I

##### **Qualitative Research Approach**

- Qualitative Research Methodologies
- Research Design
- Data Collection and Analysis
- Thematic Analysis and Coding
- Research Interpretation and Reporting
- Publishing Research

#### Session - II

##### **Data Analysis: Using R**

### SPSS and R Modules:

- Data Entry and Management
- Descriptive and Inferential Statistics
- Data Visualization
- Hypothesis Testing and Regression Analysis
- Advanced Data Analysis Techniques

Software Requirements:  
Laptops with SPSS and  
R installed



## Workshop Features

- Interactive lectures and discussions
- Hands-on exercises
- Case studies and research examples
- Q&A sessions
- Workshop materials
- Certificate of participation

## Objectives

- Enhance research capacity and skills in quantitative and qualitative methodologies
- Leveraging SPSS and R software
- To promote data-driven decision-making

## Benefits

- Enhanced research capacity
- Improved data analysis skills
- Interdisciplinary collaboration
- Publication of quality research output.

