



Kamala Nehru College

University of Delhi



Economics Department & Mathematics Department
present

3 DAY WORKSHOP on R FOR DATA ANALYSIS Data Extraction, Econometric Analysis And Data Forecasting



Prof. (Dr.) Avanindra Nath Thakur
Department of Economics
O.P. Jindal Global University



Scan QR Code to Apply

REGISTRATION FEE: ₹100

PERKS AND BENEFITS

- CERTIFICATES
- RECORDINGS
- PRACTICE WORKSHEETS
- MATERIAL COVERED DURING WORKSHOP



12-14
SEPTEMBER
2026



5:30 PM
ONWARDS



ZOOM

OPEN TO ALL DU STUDENTS

Teacher Convenor-
Mr. Ajay Kumar
Teacher Co-convenor-
Dr. Ankur Raj

Principal
Prof. (Dr.) Pavitra Bhardwaj

Student Convenors
Ashlesha Singh (9810275082)
Palak Gaur (9991635150)
Disha Chandilla (80765 83268)
Shona Thakur (96507 05484)



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3 DAY WORKSHOP on **R FOR DATA ANALYSIS**

DAY 1: Introduction to R Software

Time : 5:30-7:30 PM

- **FAMILIARISING WITH DATASETS (ARRAY, MATRIX, ETC.)**
- **DATA IMPORTING AND VISUALIZATION**
- **BRIEF INTRODUCTION TO DESCRIPTIVE STATISTICS IN ECONOMICS**
- **RESULT INTERPRETATION**

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DAY 2: INTRODUCTION TO TESTS

Time : 5:30-7:30 PM

HYPOTHESIS TESTING USING R

- **INDEPENDENT SAMPLE T - TEST**
- **PAIRED SAMPLE T- TEST**
- **ANALYSIS OF VARIANCE**
- **NORMALITY TEST**
- **TEST INTERPRETATION**

CORRELATION ANALYSIS USING R STUDIO

- **PEARSON**
- **SPEARMAN**

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3 DAY WORKSHOP **on** **R FOR DATA ANALYSIS** **DAY 3: Linear Regression Models** **Time : 5:30-7:30 PM**

- **SCATTER PLOTS**
- **OLS & VIOLATIONS OF GAUSS MARKOV THEOREM**
- **SPECIFICATION BIAS**
- **INTERPRETATION OF RESULTS**

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