

One Week Online Certificate Course on Advanced Level Statistical Tools & Analysis in Research using SPSS

Resource Persons

Dr. Pooja Arora

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Saudi Arabia and Sr. Fellow, IRDF

What You'll Learn:

Day 1: Fundamentals of Data Analysis- Preparing Data, Setting Cases and Variables, Separating variables – Dependent and independent, Determining analyses and models

Day 2: Preliminary Analysis - Descriptive statistics, Standard deviation and variance, Averages, Summaries and Dummy variables

Day 3: Significant Testing- Chi square T test, ANOVA, Two way ANOVA, Correlation, Regression and Logistic regression

Day 4: Modelling- ROC etc., Survival Analysis, Hazard model, Factor analysis, Component analysis and Meta analysis

Day 5: Report Writing- Tables and graphs, Data interpretations, and creating frameworks as prior hypotheses

Day 6: Practical Exercise: Presentation by Participants

Beneficial For:

Research Scholars, Faculty Members,
Students, Scientists and Data Analysts

Event Details:

📅 20 July-25 July, 2026

🕒 05:30- 07:30 pm

Offerings:



Recordings of Sessions
E-Certificate (90 %
attendance compulsory.)
Hands on SPSS Training

Scan To Register

Course Directors

- Dr. Sukhvinder Singh, IRDF, Chandigarh
- Dr. Vinod Kumar, Chairperson
Department of Sociology, Panjab
University, Chandigarh

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COURSE FEE - RS 2500/-

(Limited slots available)