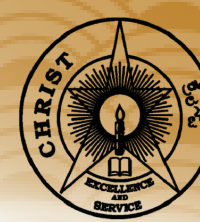


**20 SEATS  
10 HOURS**



**CHRIST**  
(DEEMED TO BE UNIVERSITY)  
NODAL OFFICE, TRIVANDRUM

# ONLINE WORKSHOP

## Fundamentals of DATA Analysis Using SPSS in Social Sciences

**Target Population: Researchers, Masters Students, Teachers.**

### **Dr. Justine K James**

Assistant Professor  
Department of Psychology  
Achutha Menon Government College  
Thrissur, Kerala, India.



**Organised by**

**Nodal Office**

**CHRIST (Deemed to be University)**

**A.I.R Road, Vazhuthakkadu**

**Trivandrum, Kerala**

**tvm@christuniversity.in**

**EVERY SATURDAY FROM**

**AUGUST 27, 2022**

**6.00PM-8.00PM IST**

**REGISTRATION**

**<https://forms.gle/23eKXGfU2KYnKdM96>**

This is an Initiative by Nodal Office , CHRIST (Deemed to be University).

# SESSIONS

## SESSION 1

**Theory: Basic concepts in statistics, Measurement and Levels of measurements,**

**Training: Getting familiarised with SPSS.**

**Training: Data entry: Methods and guidelines; Data manipulation: Editing, Splitting, Selecting, Merging etc**

## SESSION 2

**Theory: Descriptive statistics**

**Training: Descriptive statistics using SPSS**

**Theory: Inferential statistics, Level of significance, df, Type 1 & Type 2 errors, Normal curve,**

## SESSION 3

**Training: Testing distribution characteristics of the data (Normality)**

**Theory: t test (Basic concepts, Types and Assumptions)**

## SESSION 4

**Training: Independent sample t test (Procedure, assumptions and interpretation)**

**Training: Paired sample t test (Procedure, assumptions and interpretation)**

## SESSION 5

**Theory: ANOVA (Basic concepts, Types and Assumptions)**

**Training: One way ANOVA (Procedure, assumptions and interpretation)**

**Theory: Correlation analysis (Basic concepts, Types and assumptions)**

**Training: Spearman and Pearson correlation methods (Procedure, assumptions and interpretation).**

**Training: Based on specific needs of the students**

## REGISTRATION

**<https://forms.gle/23eKXGfU2KYnKdM96>**