



# Research Culture Society & Scientific Research Association

International Scientific Research Organizations

[www.researchculturesociety.org](http://www.researchculturesociety.org)



## International Workshop on Research Data Analysis using SPSS

(7 days workshop with Hands-on practice)

Date: 23<sup>rd</sup> to 29<sup>th</sup> August, 2021

Timing : 5:30 PM to 7:00 PM (IST)



### Who should attend ?

Teaching Faculty Members, Ph.D Research Scholars, Masters, Bachelors Students and anyone whose research involves Analysis of Data.

### Objectives:

1) To make the participants learn to enter, store and analyse data using SPSS. 2) To provide hands-on experience on univariate and bivariate analysis using SPSS.

### What you will learn? (Outcomes) :

Gain knowledge of research statistical tools and apply it appropriately to your data. - Variables, Descriptive statistic and Analysis, - Inferential statistics, Chi-square test, t-tests, ANOVA, - Hypothesis testing and formulation, - Different Regression analysis, - Correlation, Discriminate Analysis etc.

Free SPSS software download Guidance

### Resource Persons:

**Dr. M. Gilbert Rani** (Ph.D in Mathematics)  
Arul Anandar College, M. K. University, IND.

**Dr. Jagriti Jaiswal** (Ph.D in Management)  
Doon University, IND.

### Organizing Committee:

**Dr. C. M. Patel**  
Director, Research Culture Society.

Submit the registration and payment details on or before 21<sup>st</sup> Aug, 2021 through email. :-  
[rcsprogrammes@gmail.com](mailto:rcsprogrammes@gmail.com)

### Registration Form link :

<https://forms.gle/UkzVt516kCAZAb9S8>

**Registration Fee :** Rs. 500 INR / \$ 10 USD  
(Includes the resource materials along with the e-certificate )

**Mode of payment :** Bank Account details will be given to participants through email. OR online.

**Payment Options:-** NEFT / RTGS / UPI, GPay, Paytm, Bank payment app / Debit – Credit Card / Paypal.

**Online Payment :** <http://researchculturesociety.org/payment/>



More details available on:  
[www.researchculturesociety.org](http://www.researchculturesociety.org)

**International Workshop on**  
**Research Data Analysis using SPSS**  
( with Hands-on practice )

**DAY - 1**  
**Introduction of Statistics and Research :**  
Data and data sources.

**DAY - 2**  
**Variables :**  
Qualitative & Quantitative variable and scaling.  
Discrete & Continuous Variable  
Independent & Dependent Variable  
Mediating & Moderating Variable  
Some other Variables  
Some Examples....

**DAY - 3**  
**Descriptive statistic and Analysis :**  
Data presentation and distribution  
Descriptive Statistics  
Frequency Table  
Graph

**DAY - 4**  
**Hypothesis testing and formulation :**  
Type-1 error and type 2 error  
Hypothesis power.

**DAY - 5**  
**Inferential statistics :**  
Inductive Statistics  
Hypothesis Testing  
Chi-Square Test  
T-test ( Z )  
ANOVA

**DAY - 6**  
**Linear regression and correlation :**  
Logistic regression analysis.  
Ordinal regression analysis,

**DAY - 7**  
Hierarchical regression  
analysis and discriminant  
analysis.

Join our 'Scientific Research' Groups on Telegram App link : (Open these links in mobile):

[https://t.me/Scientific\\_Researchers\\_World](https://t.me/Scientific_Researchers_World)

&

<https://t.me/ScientificResearchAssociation>

# SPSS software – Download guide

Download : SPSS Software : (download version - 26. / 25. / 24. / 23. -

<https://getintopc.com/?s=spss>

( change page no. after opening website, so you will have more options of versions )

<https://www.filehorse.com/download-ibm-spss-statistics-64/>

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OR from

IBM Main website: <https://www.ibm.com/in-en/analytics/spss-trials>

<https://www.ibm.com/products/spss-statistics>

Create your free trial account: <https://www.ibm.com/account/reg/in-en/signup?formid=urx-19774>

Videos : How to install and run SPSS software.?

<https://www.youtube.com/watch?v=DL8gsfKIXZo>

<https://www.youtube.com/watch?v=1Xsq6TIGd-M&feature=youtu.be>

<https://www.youtube.com/watch?v=1Xsq6TIGd-M>

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**The Director,  
Research Culture Society. ( [www.researchculturesociety.org](http://www.researchculturesociety.org) )**