



ST FRANCIS DE SALES COLLEGE

Permanently Affiliated to Bangalore University || AICTE Approved Electronic City, Bengaluru - 100

Reaccredited by NAAC with 'B++' Grade || Recognised under section 2(f) & 12(b) of the UGC Act || An ISO 9001: 2015 Certified Institution

A FRANSALIAN INSTITUTE OF HIGHER LEARNING

FACULTY ENRICHMENT PROGRAM SEMINAR ON SPSS

**ORGANISED BY
RESEARCH AND IP CELL
IN COLLABORATION WITH
DEPARTMENT OF COMMERCE
ACME**

(ASSOCIATION OF COMMERCE FOR MANAGERIAL EXCELLENCE)



DR.SENTHIL KUMAR.A
Asst. Professor
Department of professional studies
Christ (Deemed to be University)

DR.SERANMADEVI.R
Associate Professor
Department of Professional Studies
Christ (Deemed to be University)



Date :27th and 28th January , 2023
Timing:2:00 pm to 5:00 pm

Link : <https://meet.google.com/wkw-spho-vud>



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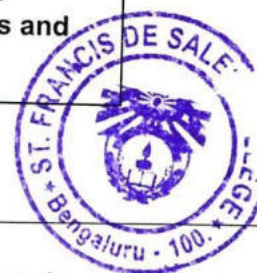
REPORT ON SEMINAR ON SPSS

Title	"A SEMINAR ON SPSS"
Date of Events(s)	27-02-2022
Departments/ Association/ Cell/ Committee	RESEARCH AND IP CELL IN COLLABORATION WITH DEPARTMENT OF COMMERCE -ACME
Venue (Mention the platform if it is online)	VIRTUAL PLATFORM (GOOGLE MEET)
Number of Participants	26
Target Audience	FACULTIES

Resoures Person(s) with qualification	DR. SENTHIL KUMAR A (ASSISTANT PROFESSOR) DR. SERANMADEVI R (ASSOCIATE PROFESSOR)
Place of visit/ detail of Industrial visit place (if applicable)	-

• OBJECTIVE:

The objective of conducting the orientation on SPSS for faculties are: To understand the basics of research methodology and nature of data, to understand the basic concepts of statistics involved in hypothesis testing, to understand the selection criterion of the appropriate statistical technique and to use SPSS for data analysis and interpretation of the respective SPSS output. This FDP intended to help faculty members in sharpening their analytical skill through SPSS. The program is designed to cover all relevant aspects of statistical data analysis and advance statistical techniques.



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Introduction:

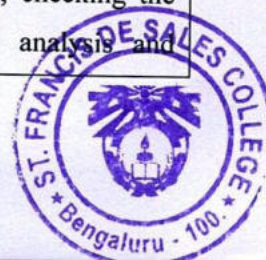
With the encouragement and support from principal and vice principal, The Research and IP cell in collaboration with Department of Commerce – ACME organized a FACULTY ENRICHMENT PROGRAM “AN ORIENTATION ON SPSS” ON 27TH & 28TH February 2022 at 2:00 p.m. to 4:30 p.m. Prof Sathiswari welcomed the gathering the session was started by invoking gods blessings by prof Johnson. Prof Nagrahna welcomed our esteemed Resource person, DR. SENTHIL KUMAR A (Assistant professor), Department of Professional studies, Christ (Deemed to be University) and DR. SERANMADEVI R (Associate professor), Department of Professional studies, Christ (Deemed to be University). The webinar received a huge response from participants. The webinar was attended by all the participants on google meet.

DR. SENTHIL KUMAR A and DR. SERANMADEVI explained the terms related to research, ways of forming questionnaire and also explained the most used software SPSS i.e. “Statistical Package for the Social Sciences”, and it’s used by various kinds of researchers for complex statistical data analysis. It is used by market researchers, health researchers, survey companies, government entities, education researchers, marketing organizations, data miners, and many more for the processing and analyzing of survey data. Hence it was a great need of exploring the aspects of data science through SPSS.

The first session was taken up by both the resource persons of Department of Professional studies, Christ (Deemed to be University). Who gave their insights on data handling and descriptive analysis. They also mentored the participants on various measures of central tendency used, appropriate measurement scales in SPSS. They extensively elaborated various operations used in SPSS such as sort cases, value labels, compute variables, recoding the variables, split file and many more of such concepts. They were also simultaneously resolving the doubts of the participants in the chat section. Finally, the hands-on session enabled the participants to grasp the concepts very well.

DR. SENTHIL KUMAR A (Assistant professor), Department of Professional studies, Christ (Deemed to be University) started by firstly explaining the concepts involved in the graphical representation. After that he gave emphasis on the hands-on practice for different types of curves and graphs. It comprised of bar chart, pie chart, histogram, boxplot, scatter plot, and their application in SPSS. He meticulously explained all the nuances of creating a graphical representation of the data and how to edit the plot as per the requirements by the help of chart editor.

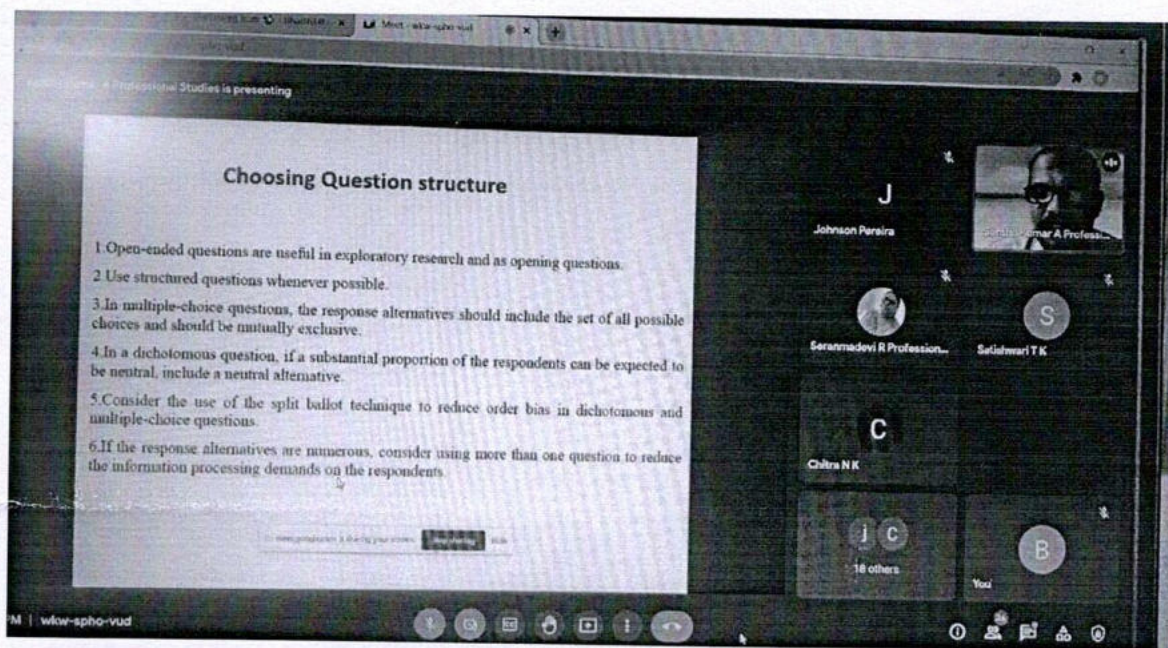
They explained basic of the statistician test in the first session, the types of correlation test used under different circumstances such as Pearson’s correlation and Spearman correlation test. It was subsequently followed by building the model for performing regression analysis, checking the assumptions. They also explained vividly various nuances of the regression analysis and

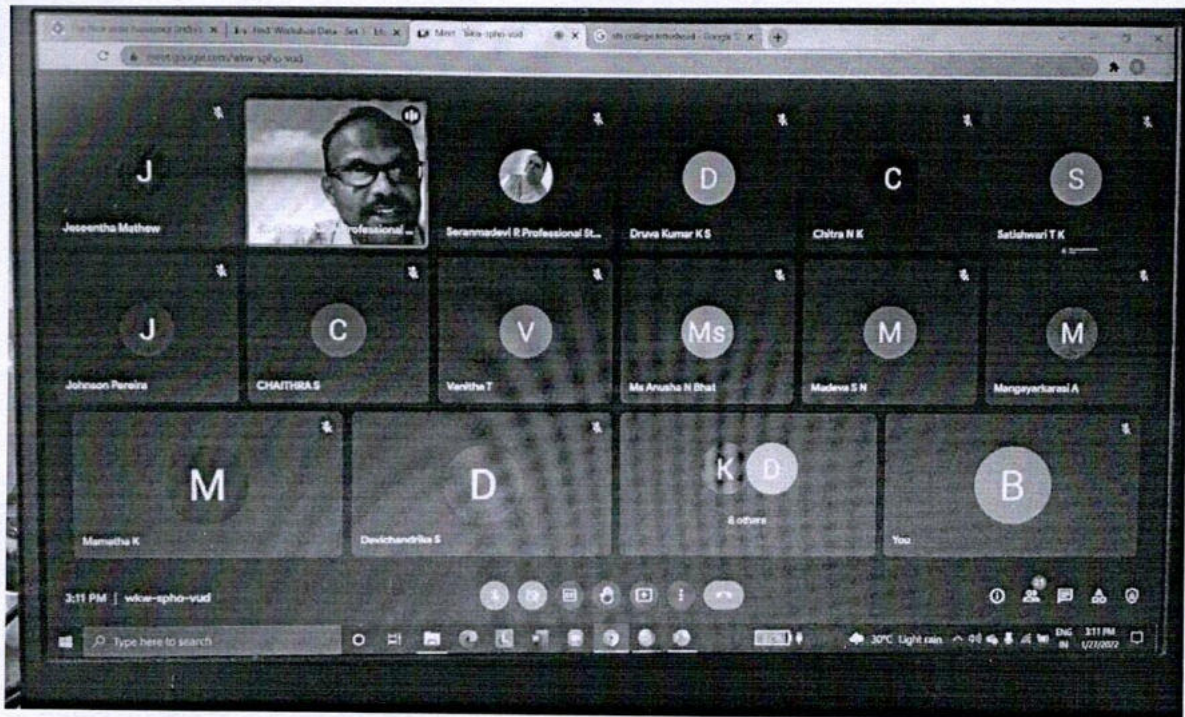


interpretation through plots and tests used in the model during the hands-on practice session.

All most all the participants was active throughout the session and had asked the queries relating to it. The resource person also felt very happy for the active participation of the participants. After the extensive discussion on different points. The session ended by vote of thanks by prof. kavyashree. The feedback form link was also shared with the participants.

SCREENSHOT OF THE WEBINAR





Kumar, A Professional Studies is presenting

Chi Square Test

Variable	X1	X2
Gender	Categorical	Categorical
Income	Gender (Male, Female)	Income (<5 K, 5-10 K, 11-15 K, >15K)

Hypothesis:
 H0: There is no significant association between gender and income.
 H1: There is a significant association between gender and income.

Test Statistic:
 If $P < 0.05$ - Accept alternate H1 hypothesis
 If $P > 0.05$ - Failed to reject H0 and H0 hypothesis

17 others

29°C Light rain 1/27/2022

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FEED-SPSS Day 1 Feedback Form

Timestamp	Email Address	Name of the Participant	Mobile No.	Full name of College	Department	This FEP on SPSS was	The Resource Person	Rate your overall experience of the Faculty Enhancement Program
1-27-2022 16:35:34	johnsonpereira@sfscol	Johnson Pereira	8123457618	St. Francis De Sales C. Commerce	Strongly Agree	Strongly Agree	Strongly Agree	Very Good
1-27-2022 16:35:54	kavyashreeb@sfscoil	KAVYA SHREE B.V.	8722388055	St. Francis De Sales C. Commerce	Agree	Strongly Agree	Strongly Agree	Good
1-27-2022 16:36:02	deepashreep@sfscoil	Ms Deepashree P	7019034838	ST FRANIS DE SALES COMMERCE	Strongly Agree	Strongly Agree	Strongly Agree	Very Good
1-27-2022 16:36:31	devchandrika@sfsco	S. Devchandrika	9902891522	St Francis de Sales Co Business Administration	Strongly Agree	Strongly Agree	Strongly Agree	Very Good
1-27-2022 16:36:38	nagarathna@sfscolleg	Nagarathna M	09945203633	St Francis de college Commerce	Strongly Agree	Strongly Agree	Strongly Agree	Very Good
1-27-2022 16:37:13	madhusudan@sfscolleg	Madhusudan M	9036326468	St Francis De Sales co Commerce	Strongly Agree	Strongly Agree	Strongly Agree	Good
1-27-2022 16:37:36	chaitras@sfscolleg	Chaitra S	8050743443	St Francis De Sales co Commerce	Agree	Strongly Agree	Strongly Agree	Good
1-27-2022 16:57:37	madeva@sfscolleg	MADEVA S N	9964604654	ST. FRANCIS DE SALE DEPARTMENT OF CO	Strongly Agree	Strongly Agree	Strongly Agree	Very Good
1-27-2022 16:58:36	ghanujakshi@sfscolleg	DHANUJAKSHI A	8123772746	St. Francis De Sales C. Commerce	Strongly Agree	Strongly Agree	Strongly Agree	Very Good
1-27-2022 17:01:49	bharthi@sfscolleg	in BHARTI T	7708940089	St. Francis De Sales C. Commerce	Strongly Agree	Strongly Agree	Strongly Agree	Very Good
1-27-2022 17:18:36	geethaps@sfscolleg	Geetha PS	9035494533	St Francis de Sales Co Business Administration	Strongly Agree	Strongly Agree	Strongly Agree	Very Good
1-27-2022 17:32:01	jeseenthamathew@sfs	Jeseenth Mathew	9902534807	St. Francis de Sales C. Commerce	Strongly Agree	Strongly Agree	Strongly Agree	Very Good
1-27-2022 17:34:08	vanitha@sfscolleg	in Vanitha T	9500363138	St. Francis de sales co Commerce	Strongly Agree	Strongly Agree	Strongly Agree	Very Good
1-27-2022 20:30:44	satishwarik@sfscolleg	MRS. SATISHWARI T	09611154019	ST. FRANCIS DE SALE Commerce	Strongly Agree	Strongly Agree	Strongly Agree	Very Good
1-28-2022 11:22:36	druvakumarks@sfscoil	Druva Kumar	08792421503	St. Francis de sales coil Commerce	Strongly Agree	Strongly Agree	Strongly Agree	Very Good
1-28-2022 11:25:15	anushanbhai@sfscolleg	Anusha N Bhat	9972270009	St. Francis de Sales Co Commerce	Strongly Agree	Strongly Agree	Strongly Agree	Very Good
1-28-2022 11:40:12	bsamundeeswar@sfs	B SAMUNDEESWARI	8056842247	SFS College Bangalore Commerce	Strongly Agree	Strongly Agree	Strongly Agree	Very Good



[Handwritten Signature]