Dr.N. SENTHILKUMAR, M.Pharm., Ph.D.,

Principal

DATE: 09/01/2023

DEPARTMENT OF PHARMACEUTICAL CHEMISTRY

REPORT

VENUE: SEMINAR HALL   **DATED: 6/1/2023 & 7/1/2023**

SEMINAR TITLE- SPSS CORRELATION AND LINEAR REGRESSION

RESOURCE PERSONS:

1.Dr.M. CHITRA., M. PHARM, Ph.D.
JKKMMRFS ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY

2.MR.V. SURESH KANNAN., M. PHARM

JKKMMRFS ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY KOMARAPALAYAM.

No. of students enrolled: 350   No. of students certified: 350
No. of students certified in our institution: 48

**PROGRAMME
CO ORDINATOR**

HOD

PRINCIPAL
Dr. N.SENTHILKUMAR,
PRINCIPAL
JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION
ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY
ETHIRMEDU, KOMARAPALAYAM - 638 183.
NAMAKKAL DISTRICT. TAMILNADU. INDIA.

Dr.N. SENTHILKUMAR, M.Pharm., Ph.D.,

Principal

Date: 02/01/2023

REF.NO: JKKM/PH/SEMINAR/REQ/2023/07

From

Department of Pharmaceutical Chemistry,

JKKMMRF'S Annai JKK Sampoorani Ammal College of Pharmacy,

Komarapalayam, Namakkal [Dist],

Tamil Nadu,

PIN:638183.

To

The principal,

JKKMMRF'S Annai JKK Sampoorani Ammal College of Pharmacy.

Komarapalayam, Namakkal [Dist]

Tamil Nadu,

PIN:638183.

Respected Sir,

Subject: **Letter for requesting Permission to conduct seminar regarding: -**

We are writing this letter to request permission to conduct a seminar in the Seminar Hall on 6/1/2023 & 7/1/2023.We wish to conduct the seminar on **SPSS Correlation and Linear Regression.** We believe that this will be a very informative session that many students will wish to attend.

We request you to kindly permit to conduct training program as this would be a great opportunity for Students to learn all about **SPSS Correlation and Linear Regression** that would help to shape the students.

Looking forward for your approval.

Thank you

Yours sincerely,

Dr. N.SENTHILKUMAR,
PRINCIPAL
JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION
ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY
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Contact No : +919789456750, +919943066944, +919943069944.

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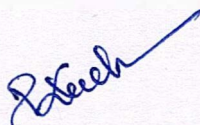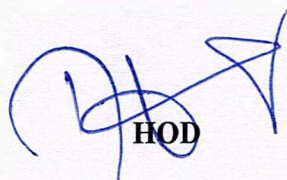
Principal

CIRCULAR

This is to inform all the students of our college that the seminar on **SPSS Correlation and Linear Regression** for the academic year 2022-23 will be commenced on 6/1/2023 & 7/1/2023 for all the batches. Hence request all the interested candidates to register for the seminar.
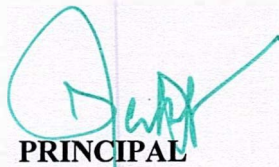
COURSE NAME	SCHEDULE	VENUE	RESOURCE PERSON
SPSS CORRELATION AND LINEAR REGRESSION	6/1/2023 & 7/1/2023	SEMINAR HALL	Dr.M. CHITRA & MR.V. SURESH KANNAN

All the above-mentioned students must enrol and actively participate in the course without fail.

NOTE: Certificates should be issued to all the students after completion of the course and examination.

PROGRAMME CO-ORDINATOR

HOD

PRINCIPAL

Dr. N.SENTHILKUMAR,
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JKKMMRF'S ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY, KOMARAPALAYAM.

CONDUCTS

SEMINAR ON

SPSS- CORRELATION AND LINEAR REGRESSION

Date: 6& 7 JANUARY 2023   VENUE: SEMINAR HALL

RESOURCE PERSON: Dr. M. CHITRA, M. Pharm., Ph. D.,
Associate Professor,
Department of Pharmaceutical Chemistry,
JKKMMRF's Annai JKK Sampoorani Ammal
College of Pharmacy
&
Mr. V. SURESH KANNAN, M. Pharm.,
Associate Professor,
Department of Pharmaceutical Chemistry,
JKKMMRF's Annai JKK Sampoorani Ammal
College of Pharmacy

Dr. N.SENTHILKUMAR,
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NAMAKKAL DISTRICT, TAMILNADU.

ABOUT THE TOPIC
SPSS CORRELATION AND LINEAR REGRESSION

Introduction

Linear regression is the next step up after correlation. It is used when we want to predict the value of a variable based on the value of another variable. The variable we want to predict is called the dependent variable (or sometimes, the outcome variable). The variable we are using to predict the other variable's value is called the independent variable (or sometimes, the predictor variable). For example, you could use linear regression to understand whether exam performance can be predicted based on revision time; whether cigarette consumption can be predicted based on smoking duration; and so forth. If you have two or more independent variables, rather than just one, you need to use multiple regression.

This "quick start" guide shows you how to carry out linear regression using SPSS Statistics, as well as interpret and report the results from this test. However, before we introduce you to this procedure, you need to understand the different assumptions that your data must meet in order for linear regression to give you a valid result. We discuss these assumptions next.
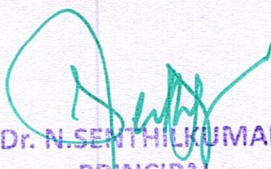
SPSS Statistics

Assumptions

When you choose to analyse your data using linear regression, part of the process involves checking to make sure that the data you want to analyse can actually be analysed using linear regression. You need to do this because it is only appropriate to use linear regression if your data "passes" seven assumptions that are required for linear regression to give you a valid result. In practice, checking for these seven assumptions just adds a little bit more time to your analysis, requiring you to click a few more buttons in SPSS Statistics when performing your analysis, as well as think a little bit more about your data, but it is not a difficult task.

Output of Linear Regression Analysis

SPSS Statistics will generate quite a few tables of output for a linear regression. In this section, we show you only the three main tables required to understand your results from the linear regression procedure, assuming that no assumptions have been violated. A complete explanation of the output you have to interpret when checking your data for the six assumptions required to carry out linear regression is provided in our enhanced guide. This includes relevant scatterplots, histogram (with superimposed normal curve), Normal P-P Plot, casewise diagnostics and the Durbin-Watson statistic. Below, we focus on the results for the linear regression analysis only.

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DEPARTMENT OF PHARMACEUTICAL CHEMISTRY

STUDENT FEEDBACK FORM

NAME OF STUDENT: REGISTRATION NO:

COURSE: YEAR & SEMESTER:

SEMINAR TOPIC: DATE & TIME:

1. **Overall, how satisfied were you with this seminar?**
    - ○ Very satisfied
    - ○ Satisfied
    - ○ Neutral
    - ○ Dissatisfied
    - ○ Very dissatisfied

2. **How clear were the ideas and concepts we presented?**
    - ○ Extremely clear
    - ○ Very clear
    - ○ Moderately clear
    - ○ Not very clear
    - ○ Not at all clear

3. **What percentage of the information was new to you?**

    - ○ 100%
    - ○ 75%
    - ○ 50%
    - ○ 25%

4. **How informative did you find our seminar?**
    - ○ Extremely Informative
    - ○ Very Informative
    - ○ Moderately Informative
    - ○ Not very informative
    - ○ Not informative at all

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5. **Were there any technical issues that prevented you from seeing or hearing the seminar?**

   ○ Yes
   ○ No

6. **Would you like to learn more about this topic?**

   ○ Yes
   ○ No

7. **Rate the content of the slides/virtual aid?**

   ○ Extremely clear
   ○ Very clear
   ○ Moderately clear
   ○ Not very clear
   ○ Not at all clear

8. **How accurate was the session description?**

   ○ Extremely clear
   ○ Very clear
   ○ Moderately clear
   ○ Not very clear
   ○ Not at all clear

9. **How did the session compare to your expectations?**

   ○ Excellent
   ○ Good
   ○ Fair
   ○ Poor
   ○ Not at all clear

10. **How would you rate the content of the seminar?**

    ○ 1
    ○ 2
    ○ 3
    ○ 4
    ○ 5

Student Name with Signature

Dr. N.SENTHILKUMAR,
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DEPARTMENT OF PHARMACEUTICAL CHEMISTRY

SEMINAR FEEDBACK FORM

STUDENT NAME: DATE:

YEAR/ COURSE:

NAME OF THE SEMINAR: DURATION:

EVALUATE HONESTLY:

Questions	Excellent	Good	Fair	Poor
The objectives of the training were				
The instructor's contribution to the course was:				
The presentation materials were relevant				
The instructor's effectiveness in teaching the subject matter was:				
Answers to the students' questions by the instructor				
The venue was appropriate for the event				
Course organisation was:				
Level of course was				
Course content was:				

Student Participation

1. On average, how many hours a week did you spend on this course (in and out of class)?
   A)0-2 B) 2-5 C)6-10 D)11-14 E)15UP
2. What grade do you expect in this course?
   A) BELOW 50% B) 50-60% C) 60-70% D) 70-80% E) ABOVE 80%

SIGNATURE

Dr. N.SENTHILKUMAR,
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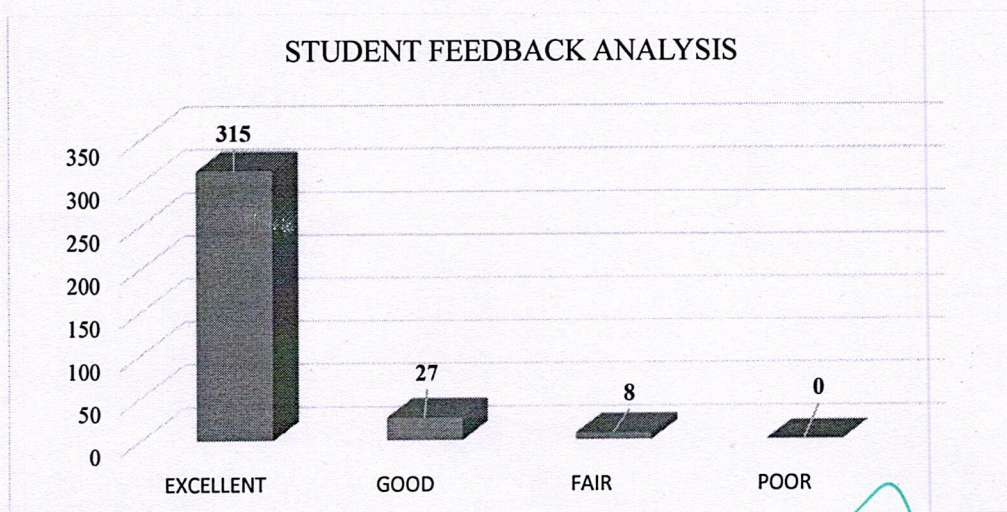**Dr.N. SENTHILKUMAR, M.Pharm., Ph.D.,**

    Principal

REPORT SUMMARY

Feedback Question Analysis – Question Asked-Feedback Rating

1.Satisfaction	6.Like to learn more about this topic
2.Clarity	7.Rate the content of the slides/virtual aid
3. Percentage of the information was new	8.Accuracy of the sessions
4.Informative	9.Session expectations
5.Technical issues	10.Rate the content of the seminar

STUDENT FEEDBACK ANALYSIS

Dr. N.SENTHILKUMAR,
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JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION
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SEMINAR ON SPSS CORRELATION AND LINEAR REGRESSION
SEMINAR PHOTO

Dr. N.SENTHILKUMAR,
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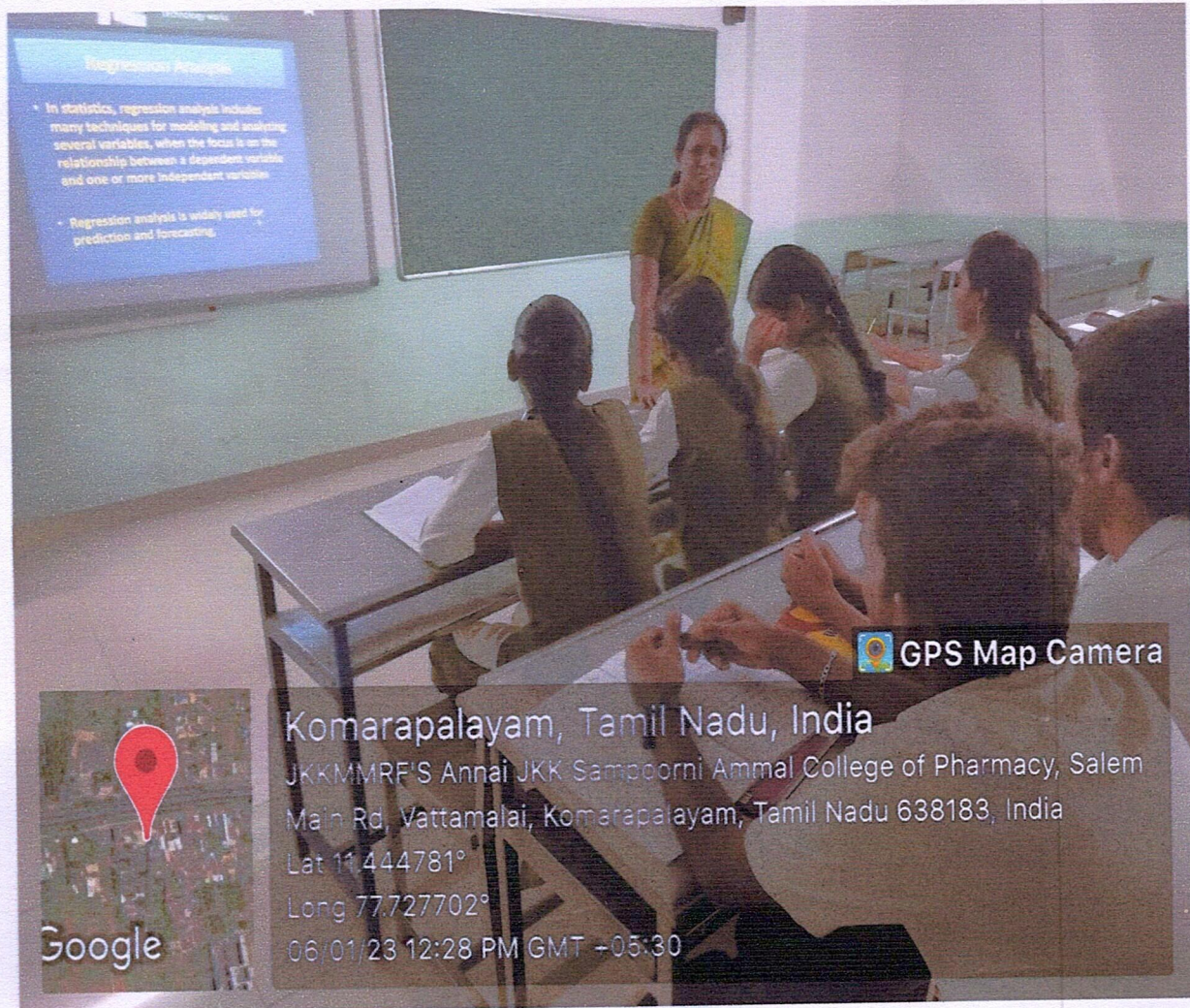Website : www.jkkmmrfpharmacy.edu.in / E-Mail : principal@jkkmmrfpharmacy.edu.in

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Dr.N. SENTHILKUMAR, M.Pharm., Ph.D.,

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PARTICIPANTS LIST

S.NO	NAME	YEAR	COURSE
1.	JOSHUA GNANASEELAN B	SEM-VII	B.PHARM
2.	SELVABALAGAN M	SEM-VII	B.PHARM
3.	SHANMUGAVEL P	SEM-VII	B.PHARM
4.	NANDHAKUMAR S	SEM-VII	B.PHARM
5.	AJITH KUMAR K	SEM-VII	B.PHARM
6.	ANAND M	SEM-VII	B.PHARM
7.	ANAND R	SEM-VII	B.PHARM
8.	ANBARASAN S	SEM-VII	B.PHARM
9.	ANUSHIYA D D	SEM-VII	B.PHARM
10.	ARUN M	SEM-VII	B.PHARM
11.	ARUNA P	SEM-VII	B.PHARM
12.	ASHOKMOHAN J	SEM-VII	B.PHARM
13.	ASLIN VENISKA V	SEM-VII	B.PHARM
14.	AVINKUMAR A	SEM-VII	B.PHARM
15.	BALAGANAPATHI V	SEM-VII	B.PHARM
16.	BHARANIDHARAN M	SEM-VII	B.PHARM
17.	CHITRA S	SEM-VII	B.PHARM
18.	DEEPA S	SEM-VII	B.PHARM
19.	DEEPIKA A	SEM-VII	B.PHARM
20.	DEEPIKA C	SEM-VII	B.PHARM
21.	DHANABABU J	SEM-VII	B.PHARM
22.	DINESH J	SEM-VII	B.PHARM
23.	GOKULKANNAN S K	SEM-VII	B.PHARM
24.	GOWRISHANKAR G	SEM-VII	B.PHARM
25.	GOWTHAM D	SEM-VII	B.PHARM
26.	GOWTHAMAN R	SEM-VII	B.PHARM
27.	GUNAL R	SEM-VII	B.PHARM
28.	GUNASEKAR K	SEM-VII	B.PHARM
29.	HARIKRISHNAN M	SEM-VII	B.PHARM
30.	JEEVANANTHAM S	SEM-VII	B.PHARM
31.	JEGANPATHY S	SEM-VII	B.PHARM

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32.	KARTHI V	SEM-VII	B.PHARM
33.	KARTHICK M	SEM-VII	B.PHARM
34.	KARTHIKA M	SEM-VII	B.PHARM
35.	KAVIN P	SEM-VII	B.PHARM
36.	KAVINRAJ K	SEM-VII	B.PHARM
37.	KAVIPRASANTH S	SEM-VII	B.PHARM
38.	KEERTHIHARAN S	SEM-VII	B.PHARM
39.	KESAVAN K	SEM-VII	B.PHARM
40.	KUMARESAN M	SEM-VII	B.PHARM
41.	LOGANATHAN R	SEM-VII	B.PHARM
42.	LOGESH R	SEM-VII	B.PHARM
43.	MANIKAVASAGAM B	SEM-VII	B.PHARM
44.	MESHAPRIYA P M	SEM-VII	B.PHARM
45.	MOHAMED JAMSHEER B	SEM-VII	B.PHARM
46.	MUHAMMED FASIL V	SEM-VII	B.PHARM
47.	MUKILAMALLIGAI D R	SEM-VII	B.PHARM
48.	MURALITHARAN V A	SEM-VII	B.PHARM

Dr. N.SENTHILKUMAR,
PRINCIPAL
JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION
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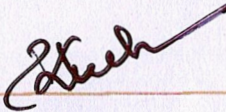ETHIRMEDU, KOMARAPALAYAM - 638 183.
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Certificate of Participation
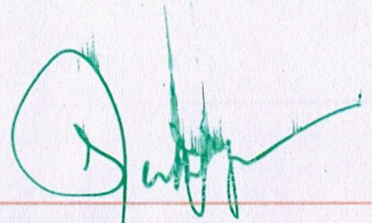
This certificate is proudly awarded to

_____

HAS PARTICIPATED AS A DELEGATE IN THE SEMINAR TITLED ON "SPSS-CORRELATION AND LINEAR REGRESSION" IN THE JKKMMRF'S ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY, KOMARAPALAYAM ON 06.01.2023& 07.01.2023.

COORDINATOR

Dr. N.SENTHILKUMAR,
PRINCIPAL,
JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION
ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY,
ETHIRMEDU, KOMARAPALAYAM - 638 183,
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PRINCIPAL