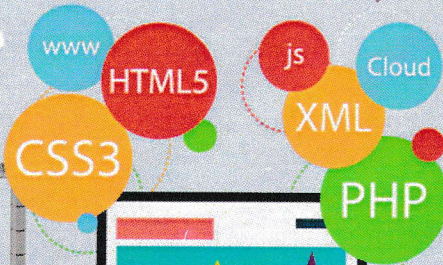
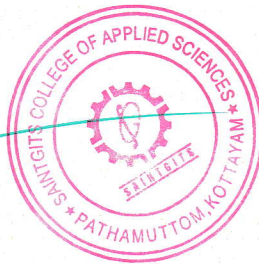


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**SAINTGITS COLLEGE OF APPLIED SCIENCES**

**VALUE ADDED COURSES 2019-'20**



**STATISTICAL PACKAGE FOR SOCIAL SCIENCES**

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## ABOUT THE COURSE

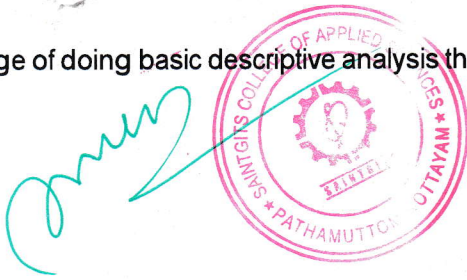
The program aims to give an introduction to the software SPSS (Statistical Package for Social Sciences) that caters the analysis need of researchers. The program aims to give idea about entering data into SPSS, processing of the data, questionnaire entry, descriptive analysis and writing of interpretation.

## OBJECTIVES

- To understand the SPS
- To enter questionnaire and to perform data analysis through SPSS

## EXPECTED OUTCOMES

Knowledge of doing basic descriptive analysis through spss



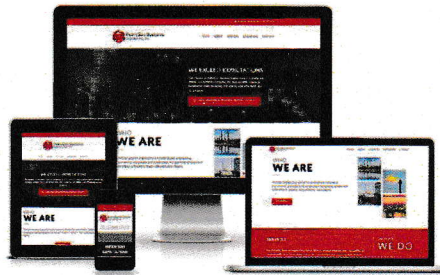
## DURATION

MODULE	TIME
1	10
2	10
3	10

Total Duration - 30 hours



THE COURSE ENABLES  
THE STUDENTS TO USE  
SPSS IN THEIR FUTURE  
RESEARCH AND  
PROJECT WORKS



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## FEATURES

Use of SPSS data in analysis

Practical (lab based) learning and individual task completion activities



## SYLLABUS

### MODULE 1

Introduction to SPSS – Basics of Correlation and regression- descriptive analysis – basic components in SPSS- Importance and Uses.

### MODULE 2

Data entry – manual and import of data from MS Excel – Data coding –item id creation. Basics of M.S Excel-Powerpoint .

### MODULE 3

Descriptive Analysis –Cross tabulation – correlation – pearson – spearman – regression – basics – interpretation of results

## ADVANTAGES

The students can learn and equip themselves with SPSS use in future projects and research works



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## **SAINTGITS COLLEGE OF APPLIED SCIENCES**

Pathamuttom, Kottayam - 686532

Phone : 0481 - 2433787

e-mail : [scas@saintgits.org](mailto:scas@saintgits.org), Web : [www.saintgits.org](http://www.saintgits.org)

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**SAINTGITS COLLEGE OF APPLIED SCIENCES  
PATHAMUTTOM, KOTTAYAM**

**DEPARTMENT OF COMMERCE**

**Value Added Course**

**Statistical Package for Social Sciences**

**Course Code - VSSPS004**

<b>Course Title</b>	Data Analysis Through SPSS
<b>Year of Introduction</b>	2019
<b>Course Objective</b>	To give a better understanding on Research Methodology and SPSS.
<b>Course Outcome</b>	CO1- Elucidate the basic concepts of Research Methodology. CO2- Identify descriptive statistics. CO3- Test for hypothesis. CO4- Analyse data using SPSS. CO5- Develop content for report writing.
<b>Hours</b>	60 Hours

**COURSE CONTENT**

<b>Module-1</b>		<b>CO</b>
<b>Module Title</b>	<b>Research Methodology (13 Hours)</b>	
Meaning		1
Research Method and Methodology		
Research Process		
Types of Research		
Research Design		
Sample Design		
Sample size determination		
Data Collection and Methods of Data Collection		

*Amey*

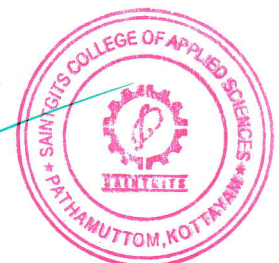




# SAINTGITS COLLEGE OF APPLIED SCIENCES PATHAMUTTOM, KOTTAYAM

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Setting up of Questionnaire		
Objectives, Types of Objectives		
Rules for setting up Research Objectives		
<b>Module-2</b>		
Module Title	Descriptive Statistics (7 Hours)	CO
Arithmetic Mean		2
Mean Deviation		
Standard Deviation		
Correlation- Karl Pearson Coefficient of Correlation		
<b>Module 3</b>		
Title	Testing of Hypothesis (8 Hours)	CO
ANOVA		3
Chi-Square		
Factor Analysis		
Independent Sample T Test		
<b>Module 4</b>		
Title	SPSS (21 Hours)	CO
What is SPSS?		4
Basic operations in SPSS		
Getting started in SPSS		
Entering Numeric Data in Data Viewer		
Entering String Data		
Defining Data and Adding Variable Labels		
Changing Variable Type and Format		
Adding Value Labels for Numeric Variables		
Data Analysis with SPSS		
Generating a Frequency Table		
Generating a Pie Chart		





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Generating a Histogram		
Generating Arithmetic Mean, Median, Mode, Standard Deviation		
Generating Chi-Square test and Correlation Analysis		
<b>Module 5</b>		
<b>Title</b>	<b>Report Writing (11 Hours)</b>	<b>CO</b>
Essentials of a good report		5
Steps in Report writing		
Layout of a Report		
Rules in writing up of the report		
Types of Report		
Citing References		
Documentation		
List of UGC referred journals		
Ethics in writing a research report		
Plagiarism		
Steps to avoid plagiarism		
Types of Plagiarism		

Syllabus drafted by,

Asst.Prof Reshma R

Verified by,

Asst.Prof Anish B Bhaskaran

(HOD Department of Commerce)



STUDENTS ATTENDANCE

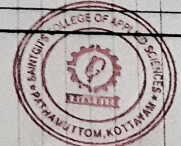
Roll No	Name	Month	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06
		Date	24	24	24	24	24	05	05	05	05	19	19	26	26	26	26	26	26
		Hour	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2
1	Abel Mammen Annyao	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	Aditya Soman	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3	Akshai Kulkarni	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4	Alex C. Mathew	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5	Alex Kuttian Mathew	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	Ambady M.R	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7	Anandhu Salim	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8	Angley Varghese	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9	Anju Elizabeth Philip	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10	Annu Siju	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11	Anshulha Bin Philip	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	Anugrah Babu	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13	Arya Anandhyn	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14	Ashulya Deleep	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	Ayaz Sala Jee	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16	Blesson B Varghese	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17	Bonnie Joseph	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	Caroline Ina Mathew	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19	Charith Mathias Thomas	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
20	Charis Thomas	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	Chadwin Sai Abraham	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22	Chaneeka G	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
23	John James	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
24	John George	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
25	Kanaka S.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
26	Krish Noel Varghese	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
27	M. Ahmed Ahsan	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
28	M. Vishnu	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
29	Manu Manoj	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
30	Malini Capen	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
31	Name of the Faculty & Signature																		
32																			

Solhuja Sule *[Signature]*

Signature of the lecturer incharge

STUDENTS ATTENDANCE

Roll No	Name	Month	08	08	08	08	08	08	08	08	08	08	08	08	08	08	08	08	08	08			
		Date	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22		
		Hour	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
1	Abel Mammen Annyao	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2	Aditya Soman	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3	Akshai Kulkarni	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4	Alex C. Mathew	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5	Alex Kuttian Mathew	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	Ambady M.R	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7	Anandhu Salim	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8	Angley Varghese	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9	Anju Elizabeth Philip	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10	Annu Siju	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11	Anshulha Bin Philip	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	Anugrah Babu	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13	Arya Anandhyn	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14	Ashulya Deleep	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	Ayaz Sala Jee	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16	Blesson B Varghese	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17	Bonnie Joseph	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	Caroline Ina Mathew	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19	Charith Mathias Thomas	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
20	Charis Thomas	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	Chadwin Sai Abraham	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22	Chaneeka G	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
23	John James	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
24	John George	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
25	Kanaka S.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
26	Krish Noel Varghese	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
27	M. Ahmed Ahsan	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
28	M. Vishnu	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
29	Manu Manoj	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
30	Malini Capen	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
31	Name of the Faculty & Signature																						
32																							



\*TA - Total Absent



STUDENTS ATTENDANCE

Roll No		Month	26	06	06	06	06	07	07	07	07	07	07	07	07	07
		Date	21	21	21	28	28	28	05	05	19	19	19	26	26	26
		Hour	1	2	3	1	2	3	1	2	3	1	2	3	1	2
33.	Mahew P. John.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
34.	Mehis John Philyp	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
35.	Mogha Ramendran	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
36.	Melba Lisa Tem	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
37.	Mohammad Faleh A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
38.	Mukule Anna Eapen	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
39.	Mural John	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
40.	Nikhil Kuruwla Alex	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
41.	Oliverie Madras Thomas	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
42.	Palvally V. Gopal	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
43.	Praveen Kumar R.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
44.	Rinsa Meis John	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
45.	Rugana Nasal	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
46.	Roya Susan Nazhida	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
47.	Ruby Mary Vincent	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
48.	Randeep Kumar N.S	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
49.	Ranjana P.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
50.	Rasali - K.S	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
51.	Rama Susan Feji	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
52.	Shreya Mahas.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
53.	Shikha Pilla Anil	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
54.	Shreya C. Yashwanth	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
55.	Shreya Mahew.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
56.	Shreya Thomas	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
57.	Shreya S.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
58.	Shreya Sudhakar	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
59.	Shreya Sita George	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
60.	Shreya	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Name of the Faculty & Signature

Shreya S. &

Signature of the lecturer incharge

STUDENTS ATTENDANCE

Roll No	26	06	06	06	06	07	07	07	07	07	07	07	07	07	07	07
01	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
02	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
04	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
05	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
07	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
08	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
37	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
39	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
43	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
47	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
53	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
54	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
55	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
56	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
57	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
58	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
59	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
60	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
61	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
62	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X



\*TA - Total Abs