

POSTGRADUATE DEPARTMENT OF COMMERCE NAM COLLEGE KALLIKKANDY

Add-On Programme in Data Analysis with SPSS Software 23 2020-2021 Academic Year

Course Coordinators Contacts:

Dr. Majeesh. T
Associate Professor and Head
PG Department of Commerce
majeeshthayyil@gmail.com, 9447634440

Dr. ASHRAF. E
Assistant Professor on Contract
PG Department of Commerce
ashrafedathil@gmail.com, 9846663601

Curriculum

IBM SPSS® Statistics is a widely used powerful statistical software platform. It delivers a robust set of features that lets the organization extract actionable insights from its data. With SPSS Statistics we can analyze and better understand the data, and solve complex business and research problems through a user-friendly interface. It also helps understand large and complex data sets with advanced statistical procedures that help ensure high accuracy and quality decision-making.

The Add-On course now offered by the department is envisaged as a training programme to equip the students of commerce with the knowledge that is necessary for analyzing the data related with business and research problems. The course is meant to the students having basic knowledge in statistics and research methodologies

Aims and objectives:

1. To familiarize candidates with SPSS data entry.
2. To familiarize the circumstances under which various statistical tools used for analysis
3. To train them in analyzing the data using various statistical tools
4. Helping students to interpret and explain various statistical results.

Learning Outcome

1. An ability to use SPSS Software for data analysis
2. An ability to identify appropriate statistical tools for hypothesis testing
3. To analyze the data for statistical and research purpose through SPSS.
4. Recognition of the need for, and an ability to engage in life-long learning.

Course Syllabus

Module I

Introduction to SPSS: - Variable view, measurement and scaling- concept, construct, Variables, Measurement, types of scales- nominal, ordinal, interval and ratio, scaling technique. Data coding (4 Hour)

Module II

Entering Data, Entering multiple tick, Entering of ranking questions, Sort case, Select case, Data Manipulation- Compute, Recording into same variable, Recording into different variable (6 Hour)

Module III

Reliability Analysis, Factor Analysis, Test for Normality, Homogeneity, Box plot feature, Graphical presentation. (6 Hour)

Module IIII

Statistical data analysis:- Descriptive Statistics and Inferential Statistics, Frequency analysis, Measures of Central tendency, Measures of dispersion, Measures of Distribution, Correlation- Bivariate, Partial, Regression, Multiple regression. (8 Hour)

Module IV

Chi-Square, One Sample T Test, Independent Sample T- Test, Paired 'T' Test, One Way-ANOVA (6 Hour)

Evaluation

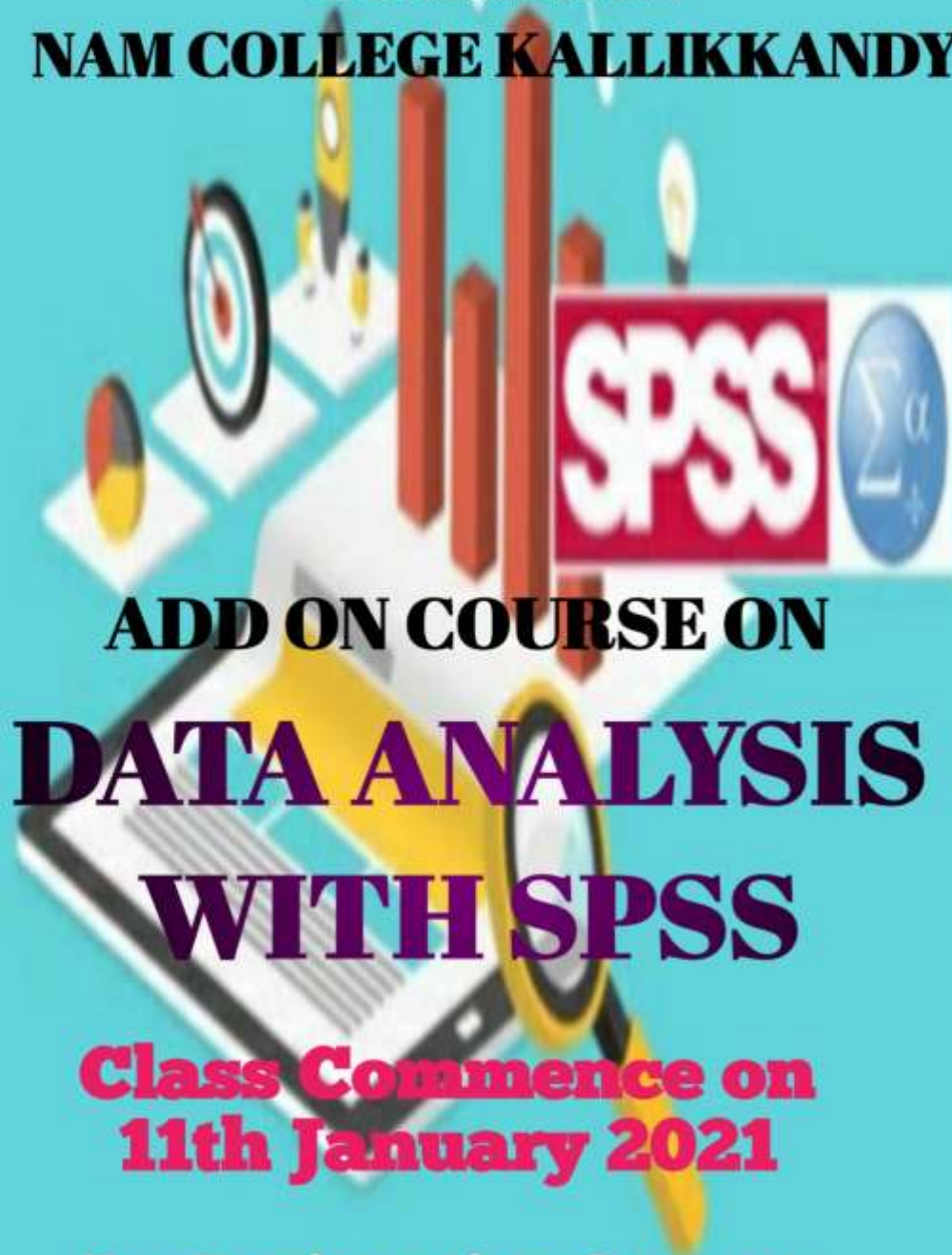
At the end of the course there will be a practical test and Viva Voce as prescribed by the professor in charge of the course. Students will be graded according to their performance.

Course Schedule

The course is planned to be commenced on the 11 January 2021. The course involves six lecture sessions and 24 practical sessions. The classes and training will be completed in crash mode. The detailed schedule will be available on the day of commencement of the course. There will be a practical examination at the end of the Course; Certificates will be issued by the College.

BROCHURE

**POSTGRADUATE DEPARTMENT OF
COMMERCE
NAM COLLEGE KALLIKKANDY**



**ADD ON COURSE ON
DATA ANALYSIS
WITH SPSS**

**Class Commence on
11th January 2021**

**For Registration Contact
9846663601, 9447634440**

1. Name
2. Age: a) Below 20 b) 20-40 c) 40-60 d) above 60
3. Gender: a) Male b) Female
4. Monthly Income:
a) Below 10000 b) 10000-20000 c) 20000-30000 d) Above 30000
5. Marital status: a) Married b) Unmarried
6. Why you prefer More rather than the other organized stores?
a) Convenient b) Variety c) Less cost d) More Quality
7. Reason for going organized retail store?
a) Quality b) Prestige c) Guarantee d) Service
8. How long are you the customer of More?
a) 1-3 months b) 3-6 months c) 6-9 months d) 9-12 months
e) More than 1 year
9. With whom will you visit More?
a) Family b) Friends c) Alone

10. For each of the following statements, please indicate the degree which you are comfortable. (SA- Strongly Agree; 5 Agree:4 Neither Agree Nor Disagree:3 Disagree:2 Strongly Disagree:1

SL.NO	Criteria	5	4	3	2	1
1	Physical Atmosphere					
2	Services					
3	Staff Members					
4	Price					
5	Working Hours					
6	Overall satisfaction					

Q2. Prepare Frequency Tables of all questions of the above questionnaire

Q3. Check the significant association between monthly income and reason for going organized retail store (based on the question 4 and 7 in the questionnaire)

Q4. Find out the relationship between the gender with respect to overall satisfaction and infer

Q5. Find out the correlation among overall satisfaction with regard to degree of comfortableness (based on the five criteria of question 10 in the questionnaire).

(5 x 4 = 20)

POSTGRADUATE DEPARTMENT OF COMMERCE
NAM COLLEGE KALLIKKANDY
Add-On Programme in Data Analysis with SPSS Software 23
2020-2021 Academic Year

EVALUATION DETAILS

For Add on Course in Data Analysis with SPSS software 23, Postgraduate Department of Commerce conducted a practical test and viva voce on March 2021. All students attended the examination

SL. No	Register Number	Name	Mark		
			Practical	Viva	Total
1	NAMC/SPSS/21/01	AFSAL PK	14	6	20
2	NAMC/SPSS/21/02	JABIR C T	16	7	23
3	NAMC/SPSS/21/03	MUHAMMAD SHAMNAS M P	14	6	20
4	NAMC/SPSS/21/04	RASHAD M	16	8	24
5	NAMC/SPSS/21/05	RISHAD VR	18	9	27
6	NAMC/SPSS/21/06	ANAGHA GIREESH	19	9	28
7	NAMC/SPSS/21/07	ANUSREE P K	18	8	26
8	NAMC/SPSS/21/08	ASHIMA V K	16	8	24
9	NAMC/SPSS/21/09	DEEPNA C K	18	8	26
10	NAMC/SPSS/21/10	FATHIMA FIDHA K	20	9	29
11	NAMC/SPSS/21/11	FATHIMA T	18	8	26
12	NAMC/SPSS/21/12	FATHIMATHU RISHANA P P	17	7	24
13	NAMC/SPSS/21/13	FATHIMATHU SAHDIYA	18	8	26
14	NAMC/SPSS/21/14	KAVIYA MOL K	18	9	27
15	NAMC/SPSS/21/15	NADIYA HARAM K	20	9	29
16	NAMC/SPSS/21/16	NAVYA.K	18	8	26
17	NAMC/SPSS/21/17	REEHA HOWRIN RAFEEQUE V P	16	8	24
18	NAMC/SPSS/21/18	RIZA PARVEEN	16	8	24
19	NAMC/SPSS/21/19	RUBNA HUSSAIN	20	9	29
20	NAMC/SPSS/21/20	SAFEEDHA A K	18	8	26
21	NAMC/SPSS/21/21	SAFVANATH U	17	8	25
22	NAMC/SPSS/21/22	SHADA FATHIMA	16	8	24
23	NAMC/SPSS/21/23	SREESUDHA.N	15	7	22
24	NAMC/SPSS/21/24	SWAPNA VR	18	8	26
25	NAMC/SPSS/21/25	SYTHYA K	20	9	29
26	NAMC/SPSS/21/26	ZARA NOUSHIN	18	7	25



NAM COLLEGE KALLIKANDY

Email : namcollege@yahoo.co.in

KANNUR-670693

Ph : 0490 2463067

DEPARTMENT OF COMMERCE

Sl No: 23

Certificate

Reg. No: NAMC/SPSS/21/01

This is to certify that Mr./Mrs./Miss. **AFSAL PK** has successfully completed the course in Data Analysis with SPSS (Statistical Package for the Social Sciences). He/She has passed the said examination held in **25 March 2021** and placed in **B** grade.

She/He therefore entitled to this certificate which is hereby awarded in evidence of proficiency in the course.

Date of issue : 30-03-2021

Course coordinator

Head of the Department

Principal

Grade	Very Good - A	Good - B	Fair - C