

# KARPAGAM ACADEMY OF HIGHER EDUCATION

(Deemed to be University)  
(Established Under Section 3 of UGC Act, 1956)  
COIMBATORE – 641 021

## Centre for Skill Development

13.06.2018

From

Mr.M.Jeganathan  
Faculty – Incharge, Centre for Skill Development (CSD)  
Department of Mathematics  
Karpagam Academy of Higher Education  
Coimbatore – 21

To

The Director  
IQAC  
Karpagam Academy of Higher Education  
Coimbatore – 21

Respected Sir

**Sub:** Workshop on “Research Methodology and Data Analysis – Report submission – reg.

The Centre for Skill Development (CSD), Karpagam Academy of Higher Education conducted a workshop on ‘Research Methodology and Data Analysis - using SPSS for Faculty Members of KAHE’ on 11.06.2018 and 12.06.2018. Totally 43 Faculty Members from various departments of FASH, FoE and Pharmacy were participated.

The report and the attendance sheet of the workshop are enclosed herewith for your kind perusal.

Thanking You

Yours Sincerely

(M.Jeganathan)

Enclosure:

1. Report of the Workshop
2. Attendance Sheets

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## Centre for Skill Development

### A Report on Workshop organized by Centre for Skill Development on 'Research Methodology and Data Analysis using SPSS for the Faculty Members of KAHE'

The Centre for Skill Development (CSD), Karpagam Academy of Higher Education conducted a two day workshop on 'Research Methodology and Data Analysis - using SPSS for the Research Scholars of KAHE' on 11.06.2018 and 12.06.2018. Totally 43 Faculty Members were participated from various departments of FASH, FoE and Pharmacy.

The details of the topics covered by the resource person are furnished below.

Date	Topics covered	Resource Person
11.06.2018	<ul style="list-style-type: none"><li>✓ Intro to Research Methodology and Statistical Concepts</li><li>✓ Data Types and Data Collection, Measurement Scales, Population, Sample and Sampling Techniques</li><li>✓ Intro to SPSS and four windows of SPSS</li><li>✓ Define variables and Data input in SPSS</li><li>✓ Sorting of data and variables</li><li>✓ Drawing Graphs in SPSS</li><li>✓ Descriptive Statistics – Measures, Calculation of Measures Average, Standard Deviation and etc. using SPSS Package</li></ul>	Mr.M.Jeganathan (Faculty – Incharge, CSD and SPSS Lab) Assistant Professor Department of Mathematics
12.06.2018	<ul style="list-style-type: none"><li>✓ Solving Correlation and Regression problems using SPSS Package</li><li>✓ Inferential Statistics – Testing of Hypothesis - Parametric Tests (t test, Z test) using SPSS Package</li><li>✓ Inferential Statistics – Testing of Hypothesis - Non-Parametric Tests (<math>\chi^2</math> Test) using SPSS Package</li></ul>	

Timing: FN 9.30 am to 1.00 pm: AN 2.00 pm to 4.30 pm

The feedback from the participants reveals that they were very much interested to learn more about data analysis using SPSS. Moreover some of the participants were showed interest to come to the SPSS lab on need basis.

Mr.M.Jeganathan  
Faculty – Incharge, CSD  
Assistant Professor  
Department of Mathematics  
Karpagam Academy of Higher Education

# Centre for Skill Development

A Report on Workshop organized by  
Centre for Skill Development on 'Research Methodology and Data  
Analysis using SPSS for the Faculty Members of KAHE'

## Workshop Photos

