

CERTIFICATE COURSE

Statistical Package for the Social Sciences

PG Department of Commerce

No registration fee for students from MES College Erumely

Starting On - 03-10-2020



MES COLLEGE ERUMELY

(Approved by Govt. of Kerala & Affiliated to Mahatma Gandhi University)
A Minority Institution Certified by National Minority Education Commission

Directorate of Human Resource Development Council (HRDC)

Director : Rejoola O.M. - 8289 882 175

M.E.S COLLEGE ERUMELY
PG DEPARTMENT OF COMMERCE
CERTIFICATE PROGRAMME ON SPSS

STATISTICAL PACKAGE FOR SOCIAL SCIENCE RESEARCH (SPSS)- SYLLABUS

Category: PG students

Total hours:30 hours

Objectives:

1. To train students in SPSS software
2. To expose the students to the analysis of statistical data

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| Module 1: introduction to SPSS | |
| Origin of SPSS, functions of spss, features, limitations, basic concepts, menu toolbar, SPSS lay out, variable view, data view, output view, type of measurement scale | |
| Module 2:data handling | |
| data entry, record into same variable, record into different variable,transpose of data, insert variable and cases | |
| Module 3: diagrammatic representation | |
| simple bar diagram, multiple bar diagram, percentage diagram, pie diagram, frequency table, histogram, scatter diagram | |
| Module 4: descriptive statistics | |
| mean ,median, mode, SD- skewness, kurtosis, correlation , Karl Pearson and spearman's rank correlations, regression analysis. | |
| Module 5: testing of hypothesis | |
| One sample – Two sample Independent t – test – Paired t – test. Non – parametric: One sample KS test- Mann-Whitney U test – Wilcoxon Signed Rank test - Kruskal Wallis test – Friedman test- Chi- square test. Analysis of variance: One way and Two way ANOVA. | |

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About the Course

PG Department of Commerce decided to conduct a Certification Course on SPSS for department students in the Academic year 20-21. Course focused to the 100% Dissertation completion through SPSS software.

Who can apply : **Students Studying in PG Commerce Department**

The programme registration will be open from October - 15th
Classes Started From -03-10-2020

Certificate will be issued after the successful completion of the course

Total Hours : 30