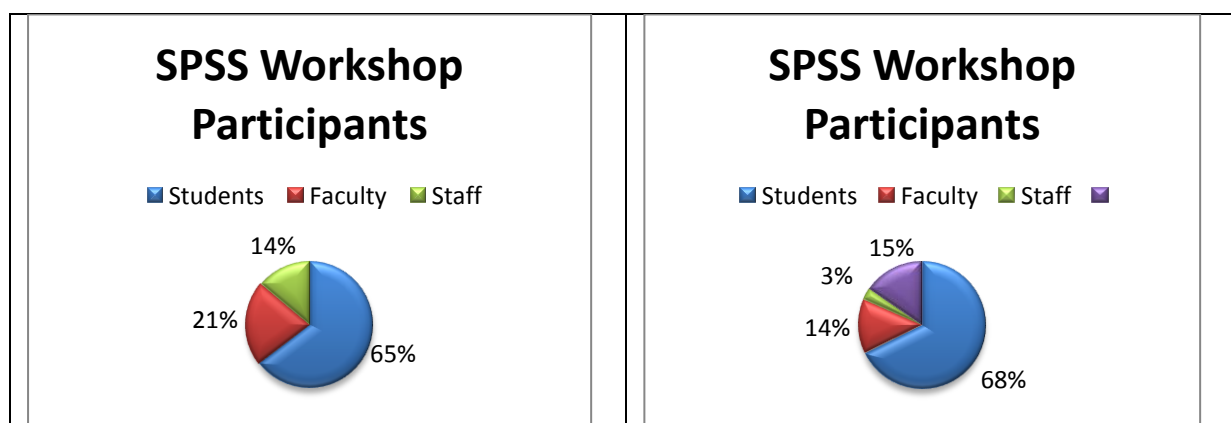


SPSS Workshop Report

A training workshop on the usage of Statistical Package for Social Sciences (SPSS) software was organized on 22nd-23rd October 2018 by the Library and Information Centre and Economics Area faculty of Department of Social Sciences, School of Liberal Studies (SLS) at Block D, PDPU campus. Prof. Gaurang Rami, Professor (Economics), Veer Narmad South Gujarat University, Surat was the Resource person for the two-day workshop. The objective of the workshop was to provide intensive training on the everyday use of SPSS software for data analysis. The need for such training workshop was felt after successful procurement of this licensed software by the Library and Information Centre. The direct beneficiaries of this workshop were the researchers using empirical research, final year students writing their dissertation, students studying econometrics and statistics, students doing internally or externally funded-projects along with a number of faculty members and staff of the varsity. The workshop received an overwhelming response in terms of student and faculty participation.



The first day of the workshop began with a warm welcome by the two anchors Ms. Sudiksha Shree and Ms. Charvee Agrawal who are studying Economics Major at SLS, PDPU. The workshop started with a Welcome Address by Dr. Nigam Dave, the Dean and Director of School of Liberal Studies who welcomed and encouraged the participants to make the best use of the training workshop. Dr. Prashanta Panda, the Head of the Department of Social Sciences inaugurated the workshop with his words of motivation and welcomed Prof. Gaurang Rami. Each day was divided into four sessions. The first session began with introduction of types of data and scale of measurements. The speaker explained the importance of knowing the data type and data scale as this information is vital in selecting statistical techniques and methods for data analysis. After the interactive coffee break in the foyer area, the second session began with an introduction to SPSS software. All the participants were provided with workshop material as well as web-link to download trial version of the software in advance. This helped the participants to have a hands-on experience of the software. The speaker explained how to code and enter data and data filtration. He guided that in case of missing values, any of the following values can be used: mode, median, beta coefficients or closer moving average methods. Cross-tabulation, chi-square test statistic and hypothesis testing was also introduced and its importance and

reasoning was discussed in detail. Cramer's V was also introduced for data containing one binary variable and another non-binary.



(Clock-wise: Prof Gaurang rami explaining SPSS during a session, Event banner, interactive session with participants, Group photograph and felicitation ceremony)

Day 2 began with an introduction to measures of central tendency, tests of normality like Kolmogorov-Smirnov and Shapiro Wilks test. This was followed by understanding the difference between parametric and non-parametric tests. An intensive discussion on role and importance of correlation began after coffee break. The speaker introduced four methods of calculating correlation namely Karl Pearson, Spearman, Phi and Kendall's tau 'b'. Thereafter the session continued with a detailed discussion on formulation of hypothesis, application of t-test, one-way ANOVA, Mann Whitney test, Wilcoxon test, Kruskal Wallis test, KMO tests and the workshop ended with a brief discussion on Factor Analysis.

The organizers of the workshop Dr. Nausheen Nizami (Economics faculty) and Mr. Sandip Pathak (Assistant Librarian) gave the vote of thanks. Dr. Panda felicitated Prof Rami with a memento. A group photograph along with all the participants and organizers was taken towards the end. The workshop ended at a memorable note as the participants shared their positive feedbacks with the resource-person and the organizers.

પીડીપીયુ ખાતે યોજાયો એસપીએસએસ વર્કશોપ



ગાંધીનગર તા ૨૭
ગાંધીનગરની પીડીપીયુ
સાલંગન સ્કૂલ ઓફ લિબરલ
સ્ટડીઝના સોશિયલ સાયન્સ
ડિપાર્ટમેન્ટના લાયબ્રેરી અને
ઈન્ફોર્મેશન સેન્ટર દ્વારા તાજેતરમાં
સંશોધન ક્ષમતા નિર્માણ અભ્યાસના
ભાગરૂપે બે દિવસીય પ્રશિક્ષક
વર્કશોપનું આયોજન કરવામાં
આવ્યું હતું જેમાં લાયબ્રેરી અને

વર્કશોપ કો.ઓર્ડિનેટર સંદીપ પાઠક
દ્વારા સધન માહિતી પ્રદાન કરવામાં
કરવામાં આવી હતી.

ખાસ કરીને પીડીપીયુ દ્વારા
વસાવવામાં આવેલા
એસપીએસએસ સોફ્ટવેરને
કેન્દ્રમાં રાખીને આ વર્કશોપ
યોજવામાં આવ્યો હતો જેમાં ડૉ.
નોશીન નિઝમીએ પણ માહિતી
પ્રદાન કરી હતી.

(Workshop brief published in Gujarat Samachar on 27th October 2018)