Rukmini Devi Institute of Advanced Studies

Madhuban Chowk, Rohini, Delhi-110085

(Approved By AICTE & Affiliated With GGSIP University)

DOSSIER

On

Workshop
On
"Data Analysis using SPSS"

At

RDIAS

On

October 22, 2017

Mr. Miklesh Yadav
Assistant Professor, RDIAS

Ms. Sweety Gupta
Editor, Literary Club

Dr. Irameet Kaur
Chairperson, Literary Club

Prof. (Dr.) Raman Garg
Director, RDIAS

FORM A

Proposal:

- **Name of the event attended**: Workshop on Data Analysis using SPSS

- **Date: Oct 22, 2017**

- **Time**: 10:00 a.m. – 4:00 p.m.

- **Venue:** RDIAS Lab 3

- **Motivation for the activity**: In order to examine the relationship between two or more than variables, one has to be able measure the variables in any research work. Many a time, researchers get confused to identify and measure different variables in research work due to which a desirable relationship between variables can be found. Thus, the primary focus of this workshop was to enrich the research capabilities of participants by making them equipped with the concepts related to different variables and its measurement.

- **Convener** – Mr. Miklesh Yadav

FORM B

Part 1

Aim of the event: The backbone of any research work is variable and its measurement. Hence, the scholars, researchers, academicians and industrialists have to identify and measure the variables so that the exact relationship can be found in research work. Hence, It is more important to enhance the knowledge by focusing on identification of variables, preparation of data files in SPSS and dealing with ranking questionnaire in a research. Knowledge of different variables in a research work helps to reach at the research destination for the researchers, academicians and industrialists. In order to enhance the research skills of faculty members, RDIAS conducted a One Day workshop on "Data Analysis using SPSS" on October 22, 2017. The Workshop thus aimed to cover the topics of Variable identification, Data entry in SPSS, multiple response analysis and descriptive statistics.

Part 2

Abstract:

The Workshop started with a brief welcome to all the participants by Ms. Aarti Sehgal, Asst. Professor, RDIAS and introducing them to the aims of this Workshop. The speaker of the day was Dr. Asha Chawla, Associate Professor-GVM College, Sonepat, Haryana and a warm welcome was given by presenting a bouquet to the guest by Mr. Miklesh Yadav, Workshop Convener. Dr. Chawla enlightened the session with sharing the knowledge. The resource person set the momentum of the programme with a detailed session on Variable identification, Data entry in SPSS, multiple response analysis and descriptive statistics.

She started her session with a basic introduction of variables and its measurement. Variables can be defined as any aspect of a theory that can vary or change as part of the interaction within the theory. In other words, variables are anything that can effect or change the results of a study. Every study has variables as these are needed in order to understand differences. The most powerful benefit of increasing our variables, however, is control.

If we suspect something might impact our outcome, we need to either include it as a variable or hold it constant between all groups. If we find a variable that we did not include or hold constant to have an impact on our outcome, the study is said to be confounded. Variables that can confound our results, called confounding variables, are categorized into two groups: extraneous and intervening. She also highlighted on multiple response analysis which is a frequency analyzed when there can be more than one response per participant to a survey question. For example, survey instructions such as:

1. "Tick *all responses* that apply." (multiple dichotomies)
2. "List up to *three reasons* you do physical exercise." (multiple responses).

It will help to create data that is well suited to multiple response analysis. Rather than treat the 1st, 2nd, 3rd etcetera responses as separate variables, multiple response analysis allows the set of responses to be combined and collectively analyzed

The practical hands-on working on SPSS with an example of a data set was illustrated and everybody understood the same by doing it themselves. Finally, Workshop was ended with distribution of certificates to the participants.

Part 3
Conclusion:

One Day Workshop enriched all the external as well as internal participants with rigorous learning on various topics like research variables, dichotomous response analysis and data entry in SPPS. The Workshop was very well appreciated by all the participants and equipped all the participants with new tools and techniques to apply in their respective research areas. Detailed explanation of SPSS along with a brief about scale development knowledge opened new avenues for researchers while triggering their inquisitive minds. Overall, the Workshop proved to be highly fruitful, enjoyable and great learning experience for all the participants.

Glimpses of the Event!!!

Prog. Coordinator presenting bouquet to Dr. Asha Chawla !!!

Dr. Asha Chawla sharing her knowledge to the participants!!!

Participants are paying attention keenly to the content shared by the Speaker*!!!*

Workshop Participants with certificate!!!