

S. No.	Particulars	Pg. No.
1.	Form- A : Proposal to attend FDP	2
	Form- B:	
	Part I - Aim of the event	3-4
	Part II - Abstract	4-5
	Part III- Conclusion	5

Mr. Miklesh Yadav
Assistant Professor, RDIAS

Ms.Swati Oberoi
Editor,Literary Club

Dr. Irameet Kaur
Chairperson- Literary Club


Prof. (Dr.) Raman Garg
Director, RDIAS

FORM A

Proposal:

- **Name of the event attended:** Faculty Development Program on “Research Methodology & Statistical Analysis using SPSS”
- **Date:** Aug 12, 2017
- **Time:** 10:00 a.m. – 4:00 p.m.
- **Venue:** RDIAS Lab 3
- **Motivation for the activity:** In current juncture, statistical analysis of research work has been most important task for the researchers. In the quest of learning more through statistical analysis through SPSS, Knowledge of applied research tools and methodology along with the proper usage of relevant software can enable us to move in the right direction of our research. Thus, the primary thrust of this programme was to enhance the research capabilities of faculty members by making them equipped with the concepts related to research methodology.
- **Convener** – Mr. Miklesh Yadav

FDP Schedule

<i>Program Coverage</i>				
Date	Resource person	Details	Timing	Venue
	Dr. Asha Chawla Associate Professor, G.V.M Girls College Sonepat	Registration	9:45 am - 10:00 am	Lab 3, RDIAS
		Condition and steps for factor analysis	10:00 am – 11:30 am	
		Tea Break	11:30 am – 11:45 am	
		Subsequent uses of factor analysis with parametric and non- parametric test using SPSS	11:45am – 1:00 pm	
		Lunch Break	1:00 pm – 1:45 pm	
		Reliability issues in factor analysis & practical session on SPSS	1:45 pm – 4:00 pm	

FORM B

Part 1

Aim of the event: Researchers, academicians and industrialists often get problems in applying tools to test the hypothesis because of lack of knowledge of different software which are available in market place. Therefore, It is more important to enrich the intellectual capital by focusing on new knowledge integrated with the tools available like SPSS, Eviews and AMOS. Knowledge of applied research tools and methodology along with the use of software helps in integrating research and practice. To enhance the research skills of faculty members, RDIAS conducted a One Day Faculty Development Programme on “Research

Methodology and Statistical Analysis using SPSS” on Aug 12, 2017. The FDP thus aimed to cover the topics of Exploratory Factor Analysis, Reliability and Validity and Different scale development skills.

Part 2

Abstract:

The FDP started with a brief welcome to all the participants by Ms. Aarti Sehgal, Asst. Professor, RDIAS and introducing them to the aims of this FDP. The speaker of the day was Dr. Asha Chawla, Associate Professor-GVM College, Sonapat, Haryana and a warm welcome was given by presenting a bouquet to the guest by Mr. Miklesh Yadav, FDP Convener. Dr. Chawla enlightened the session with sharing the knowledge. The resource person set the momentum of the programme with a detailed session on Exploratory Factor Analysis, Reliability and Validity and Different scale development skills.

.

She started her session with a basic introduction on Factor Analysis and gradually progresses to the analytical intricacies. Madam explained the concept of EFA and its various applications. It was explained that EFA is used on Likert scale on metric data. The relevance of 5 point and 7 point Likert scale was also discussed. She mentioned the following objectives of factor analysis:

1. To find out **important factors**/determinants that affect the selection of a Bank.
2. To compare the **impact of gender** of people on the factors affecting the selection of a Bank.
3. To compare the **impact of income level** of people on the factors affecting the selection of a bank.
4. To the determine the level of satisfaction / awareness / happiness of respondents on the factors obtained.
5. To **get the most influential** factor.

The assumptions of EFA were explained followed by the practical working on SPSS. The concepts of different rotations and eigen values were also discussed. Madam explained how to run EFA in SPSS along with the detailed output interpretations. It was also explained how

and which tables are to be presented in the Research paper with its various interpretations. 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, FDP was ended with distribution of certificates to the participants.

Part 3

Conclusion:

One Day FDP enriched all the external as well as internal participants with rigorous learning on various research techniques and SPSS. The FDP 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 FDP proved to be highly fruitful, enjoyable and great learning experience for all the participants.

Glimpses of the Event!!!



Ms. Aarti Sehgal introducing the Resource Person!!!



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



Mr. Miklesh Yadav–FDP Convener presenting a token of appreciation to Dr Asha Chawla!!!



FDP Convener and Resource Person awarding a certificate to the participants!!!

