

Academic Staff College

Devi Ahilya Vishwa Vidhyalaya, Indore (M.P.)



Complete Report Of

Short Term Course on Use of SPSS for Data Analysis and Data Interpretation

29/12/2014 to 03/01/2015

Director
Dr. Namrata Sharma

Contents

1. Participants List
2. Resource Person List
3. Time Table
4. Session Report
5. Feedback Graph

1. Participants List	1
2. Resource Person List	10
3. Time Table	15
4. Session Report	20
5. Feedback Graph	25

Short Term Programme On SPSS**Admission List**

from to 29/12/2014 to 03/01/2015

S No.	Person Name	Subject	College Name	Email ID	Mobile no.	Signature
1	Sakun Mishra	Botany	Shri Neel. Govt. Maha., Khandwa, (M.P)		9425950831	
2	Smt. Meena Khare	Zoology	M.J.B.G.P.G.College, Indore		9425188959	
3	Ms. Kirti Tiwari Dube	Zoology	Govt. N.S.P.Science College, Indore	dube10kirti@gmail.com	9926280457	
4	Dr. Seemavati Sisodiya	Botany	Govt. N.S.P.Science College, Indore		9630302359	
5	Ms. Abha Agrawal	Zoology	M.J.B.G.P.G.College, Indore	sir_bestk.c@yahoo.com	9893462567	
6	Ms. Asha Ojha	Psychology	Govt. M.J.B. College, Indore	ashatrivedi.ojha@gmail.com	9424835645	
7	Dr. Anuradha Awasthi	Home Science	Govt. M.J.B. College, Indore	awasthi.anuradha28@gmail.com	9826398611	
8	Dr. Deepali Sharma	Home Science	Govt. M.J.B. College, Indore	drdeepalipsharma@gmail.com	9300023477	
9	Dr. Praveen Sharma	Commerce	Shri A.B.V. Govt. Arts & Comm., College, Indore	pks_0007@yahoo.co.in	9300062689	
10	Mr. Kakade Shivaji Ramrao	Economics	JBSPM'S Arts & Scinece College, Gadhi, Beed	skade15@gmail.com	9096698269	
11	Mr. Tekale Ramdas Bhagwanrao	Library & Inf. Sci	Shri Shivaji College, Parbhani, (M.S.)	ramdastekale1@gmail.com	9423443588	
12	Mr. Nagargoje Devidas Bhanudas	Economics	Swa. Sawarakar Mahavidhyalay, Beed, (M.S)	dbnagu2011@gmail.com	9423715715	
13	Ms. Usha Yashwant Salunke	Economic	WKBS Mandal's Arts & Comm., College For Women, Dhule (M.s.)	prof.ushasalunke@rediffmail.com	9421616811	
14	Mr. Kadam Kishor Pandurang	Economic	SNDT College of Arts and SCB College of Comm., & Sci. for Women, Mumbai	pkk0179@gmail.com	9969477751	
15	Dr. Nawale Arvind Manikrao	English	Shivaji Mahavidhyalay, Udgir, Latur, (M.S.)	amnawale@gmail.com	7588390675	
16	Mr. Ranjan Bhagorao Yedatkar	Dairy Science	Shivaji Mahavidhyalaya, Udgir, Latur, (M.S.)	ranjandtc123@gmail.com	9422120646	
17	Mr. Pandhari Narayanrao Wagh	Sociology	S.J.S.P.G.College, Dhanora	pandhariwagh33@gmail.com	9421729504	
18	Dr. Harish Chandrakant Chaudhari	Physics	J.E.S.College, Jalna, (M.S.)	hcchaudhari@rediffmail.com	9423730843	

19	Dr. Chandrakant Shankar Mahajan	Physics	J.E.S.College, Jalna, (M.S.)	csmahajan_jes@rediffmail.com	9823328916
20	Dr. Rajekhan S. Shikalgar	Geography	Elphinstone College, Mumbai	rajushikalgar@gmail.com	9273380979
21	Mr. Surendra G. Thakur	Sociology	Elphinstone College, Mumbai	surrendrathakur@gmail.com	9860558919
22	Mr. Gareth Gordon Syngai	Biochemistry	Lady Keane College, Meghalaya	ggsyngai@gmail.com	9856007518
23	Mr. Shyam Sunder S. Singh	Management	Laxmi Institute of Management, Valsad, Gujrat	shyamsundarsingh1@gmail.com	7698684024
24	Ms. Thigale Vilasini Mohan	Geography	S.M.D.L.College, Raigad, (M.S.)	vilasini.thigale@gmail.com	9969398783
25	Dr. Kamble Manisha Shivaji	Marathi	S. Dadasaheb Limaye College, Raigad, (M.S.)	drmanisha_17@rediffmail.com	9969102020
26	Mr. Mahajan Sanjay Baburao	Economic	S.M.D.L.College, Kalamboli, (M.S.)	sanjaymahajan0106@gmail.com	9702915098
27	Mr. Jadhavar Ramesh Balbhim	Marathi	S.M.D.L.College, Kalamboli, (M.S.)	sanjaymahajan0106@gmail.com	9028389675
28	Dr. Neeraj Silavat	Physical Education	M.D.S.S. Mahavidhyalaya, Sadra	nsilavat77@gmail.com	9426021845
29	Dr. Sandeep Kumar Malu	Management	Shri Vaishanv Institute of Management, Indore	malu.sandeep123@gmail.com	9827264634
30	Ms. Nisha Pawar	Education	Matushree Ahilyadevi Te. Ed. Institute, Indore	nishapawarn@gmail.com	9993381743
31	Smt. Sarita Bobade	Education	Matushree Ahilyadevi Te. Ed. Institute, Indore	bibade630@gmail.com	9993570886
32	Dr. Laxmi Baghel	Zoology	Maharaja Bhoj Govt. P.G. College, Dhar, (M.P.)	laxmibaghel@yahoo.com	7869772584
33	Ms. Monika Sanyal	Chemistry	B.L.P. Govt. P.G. College, Mhow	monikasanyal@yahoo.com	9425952235
34	Dr. Rayku Jamra	Commerce	Govt. P.G. College, Dhar, (M.P.)	raykujamra@gmail.com	9425460537
35	Mr. Shiv Kumar	Economics	A.S. College, Khanna, S Ludhiana	shiv7.kumar7@gmail.com	9855827029
36	Mr. Vishnu Datt Tyagi	Education	Meerut College, Meerut	vishnuduttyagi@gmail.com	9045002134
37	Dr. Bhanu Pratap Singh	Management	IMS, DAVV, Indore	bhanupratapims@gmail.com	7354763633
38	Ms. Shraddha Khare	Mass Communication	Karveer Vidhyapeeth, Khandwa, (M.S.)	shraddha.blp12@gmail.com	8878027194

**Short Term Course on open source software for academic library
(29/12/2014 to 03/01/2015)**

Resource Person List

SN	Name of Resource Person	Mobil No.	E-Mail
1	Prof. S. K. Tyagi		
2	Dr. Akhilesh Singh		
3	Prof. D. N. Sansanwal		
4	Dr. Shine David		

B R E A K

Time Table

Date	Time	Topic	Resource Person
Monday 29/12/2014	10:30am to 11:00am	Registration	
Monday 29/12/2014	11:00am to 11:30am	Introduction of SPSS & Overview of Probability & Central Tendency Concepts	Dr. S.K. Tyagi
Tuesday 30/12/2014	10:30am to 11:00am	Correlation Coefficient	Dr. Akhilesh Singh
Tuesday 30/12/2014	11:00am to 11:30am	Linear Regression Using SPSS	Dr. Akhilesh Singh
Wednesday 31/12/2014	10:30am to 11:00am	Introduction to SPSS	Dr. Shine David
Wednesday 31/12/2014	11:00am to 11:30am	Factor Analysis	Dr. Shine David
Thursday 01/01/2015	10:30am to 11:00am	Correlation	Dr. Shine David
Thursday 01/01/2015	11:00am to 11:30am	T-Test	Dr. Shine David
Friday 02/01/2015	10:30am to 11:00am	Correlation - test and analysis, Interrelation & ANOVA	Dr. Shine David
Friday 02/01/2015	11:00am to 11:30am	Use of SPSS, analysis and Interpretation	Dr. N. Sansanwal
Saturday 03/01/2015	10:30am to 11:00am	SPSS Basics	Dr. A.K. Singh
Saturday 03/01/2015	11:00am to 11:30am	Practicals/Assignment	Dr. A.K. Singh

**Short Term Course on Use of SPSS for data analysis and data interpretation
from 29-12-2014 to 03-01-2015**

Time Table

Day/Date	10.30am to 12.00pm	12.00pm to 1.30pm	1.30pm to 2.30pm	2.30pm to 4.00pm	4.00pm to 5.30pm
Monday 29-12-2014	Registration	Overview of Workshop & Contextual Concepts Dr. S.K. Tyagi	B R E A K	SPSS Basics Dr. A.K. Singh	SPSS Description Dr. A.K. Singh
Tuesday 30-12-2014	Correlaton Using SPSS Mr. Shine Devid	Linear Regression Using SPSS Mr. Shine Devid		SPSS Data Dr. A.K. Singh	SPSS Description Dr. A.K. Singh
Wednesday 31-12-2014	Introduction to SPSS Mr. Shine Devid	Factor Analysis Mr. Shine Devid		Test your understanding: Research Methods and Statistics & Identification of Problem Mr. D.N.Sansanwal	
Thursday 01-01-2015	Corelation T-Test Mr. Shine Devid	T-Test Mr. Shine Devid		Title and objective writing & Formulation of Hypothesis & Testing of Hypothesis Mr. D.N.Sansanwal	
Friday 02-01-2015	Correlation, t-test and analysis interpretation & ANOVA - Use of SPSS, Analysis and Interpretation Mr. D.N.Sansanwal			Multiple Correlation, Regression, & ANOVA - Use of SPSS, Analysis and Interpretation Mr. D.N.Sansanwal	
Saturday 03-01-2015	SPSS Basics Dr. A.K. Singh	Interpretation/Assumptions testing A.K. Singh Dr.		Valedictory Fuction	

REPORT

Date: 29/12/2014

Session I & II

Time 10:30 am to 01:30 pm

Inaugural & Registration

The Director welcomed all the dignitaries and participants. Participants were given brief introduction of the program. Brief introduction on SPSS and importance of its awareness was discussed.

After this the Academic Staff college office completed all the Registration formalities, acquainted the participants with the Refresher course schedule.

Date: 29/12/2014

Session III & IV

Time 02:30 pm to 05:30 pm

Resource Person: Prof. Akhilesh Singh

Topic: SPSS Basics and description

Dr. A.K. Singh delivered his lecture in very interactive way on the topic on "SPSS Basics and Description". He was to the point on his topic and all the participants learned the basics of SPSS.

Date: 30/12/2014

Session I

Time 10:30 am to 12:00 pm

Resource Person: Dr. Shine David

Topic: Correlation using SPSS

Dr. Shine David from the Department of Management, IMS, started his lecture from the basics of statistical methods. He taught us the role of central values measures of dispersion in research in various disciplines. He also highlighted the meaning, types and methods of correlation.

Date: 30/12/2014

Session II

Time 12:00 pm to 01:30 pm

Resource Person: Dr. Shine David

Topic: Linear Regression using SPSS

In the continuation of his previous lecture, Dr. David shared his views on the importance of Regression. To teach Correlation and Regression, he used the SPSS software and all the participants learned a lot.

Date: 30/12/2014

Session III

Time 02:30 pm to 04:00 pm

Resource Person: Prof. Akhilesh Singh

Topic: SPSS Data

Dr. A.K. Singh started his lecture from the home work given on 29th December. Due to complete understanding of the topic, all the participants completed their home work and each and every point of the home work was discussed in this session.

Date: 30/12/2014

Session IV

Time 04:00 pm to 05:30 pm

Resource Person: Prof. Akhilesh Singh

Topic: SPSS Description

In this session, Dr. A.K.Singh taught the statistical tools with the help of computers using SPSS software. All the participants were very much satisfied with Dr. Singh's Presentation.

Date: 31/12/2014

Session I

Time 10:30 am to 12:00 pm

Resource Person: Dr. Shine David

Topic: Factor Analysis using SPSS

Dr. David started his lecture from the definition of factor analysis. In his lecture, he tried to cover each and every part of the factor analysis technique.

Date: 31/12/2014

Session II

Time 12:00 pm to 01:30 pm

Resource Person: Dr. D.N. Sansnwal

Topic: Test your understanding: Research Methods and Statistics

Dr. Sansanwal started his lecture with a question "Should I start the topic with a form in reverse form?" After the brief introduction of participants, he taught the meaning of research methodology with the help of software developed by him.

Date: 31/12/2014

Session III & IV

Time 02:30 pm to 05:30 pm

Resource Person: Dr. D.N. Sansnwal

Topic: Identification of Problem

In this lecture, Dr. Sansanwal taught in detail about the identification of problem. He also taught the difference between research problem and research question. The identification of problem on the basis of literature and theory taught by him was very much informative.

Date: 01/01/2015

Session I

Time 10:30 am to 12:00 pm

Resource Person: Dr. D.N. Sansnwal

Topic: Title and objective writing

In this lecture, Dr. Sansanwal shared his views on the topic of "title and objective of writing of a research paper". He taught this topic in case of all the three types of research paper. He taught this topic for all the three types of researches: research paper, thesis and research reports.

Date: 01/01/2015

Session II

Time 12:00 pm to 01:30 pm

Resource Person: Dr. D.N. Sansnwal

Topic: Formulation of Hypothesis

In this session, Dr. Sansanwal differentiated the null and alternative hypotheses. He taught about forming a hypothesis on the basis of objectives of the study. He also taught the participants about research, statistical and experimental hypotheses.

Date: 01/01/2015

Session III

Time 02:30 pm to 04:00 pm

Resource Person: Dr. D.N. Sansnwal

Topic: Testing of Hypothesis

In this session, Dr. Sansanwal shared his views on the main body of the research paper i.e. of testing of hypotheses by using appropriate statistical tools.

Date: 01/01/2015

Session IV

Time 04:00 pm to 05:30 pm

Resource Person: Dr. D.N. Sansanwal

Topic: Use of SPSS - t-test and f-test analysis interpretation

In this session, Dr. Sansanwal taught the participants about SPSS from the ground level i.e., entering data and meaning of two variables and subsequently, creating a data sheet in SPSS.

Date: 02/01/2015

Session II

Time 12:00 am to 01:30 pm

Resource Person: Dr. D.N. Sansanwal

Topic: ANOVA - Use of SPSS, Analysis and Interpretation

In this session, when to use ANOVA one way and two way was taught by the resource person.

Date: 02/01/2015

Session III

Time 02:30 am to 04:00 pm

Resource Person: Dr. D.N. Sansanwal

Topic: ANOVA - Use of SPSS, Analysis and Interpretation

In this very small session the use of SPSS software was explained by the resource person.

Date: 02/01/2015

Session I

Time 10:30 am to 12:00 pm

Resource Person: Dr. D.N. Sansnwal

Topic: Correlation, t-test and t-test analysis interpretation

In this session, Dr. Sansanwal gave detailed information of the definition and meanings of t-test, f-test, and correlation test. The steps in SPSS software to calculate these values were explained in user friendly manner by the resource person.

Date: 02/01/2015

Session II

Time 12:00 am to 01:30 pm

Resource Person: Dr. D.N. Sansnwal

Topic: ANOVA - Use of SPSS, Analysis and Interpretation

In this session, when to use ANOVA one way and two-way was taught by the resource person.

Date: 02/01/2015

Session III

Time 02:30 am to 04:00 pm

Resource Person: Dr. D.N. Sansnwal

Topic: ANOVA - Use of SPSS, Analysis and Interpretation

In this very much awaited session the use of SPSS software was explained by the resource person.

Date: 02/01/2015

Session IV

Time 04:00 am to 05:30 pm

Date: 02/01/2015

Session IV

Time 04:00 am to 05:30 pm

Resource Person: Dr. D.N. Sansnwal

Topic: Multiple Correlation, Regression, Use of SPSS Analysis and interpretation

Dr. Sansnwal, in this interactive session briefly discussed the use and meaning of partial and multiple correlation and regression. In this session, all the participants used SPSS software on their laptops.

Date: 03/01/2015

Session I & II

Time 10:30 am to 01:30 pm

Resource Person: Dr. S. K. Tyagi

Topic: One way & Two way Anova using SPSS

Dr. S.K.Tyagi started his lecture in an experiment way. Dr. Tyagi gave a numerical problem to the participants to test the data. All the participants, in computer lab fed the data and analysed the data on the basis of their five days learning.

Date: 03/01/2015

Session III

Time 02:30 am to 04:00 pm

Resource Person: Dr. S. K. Tyagi

Topic: Interpretation/Assumptions testing

The results of the data analysis done in the previous session were discussed in this session. Dr. Tyagi taught the participants about the interpretation of these results. All the participants were very much satisfied.

Date: 03/01/2015

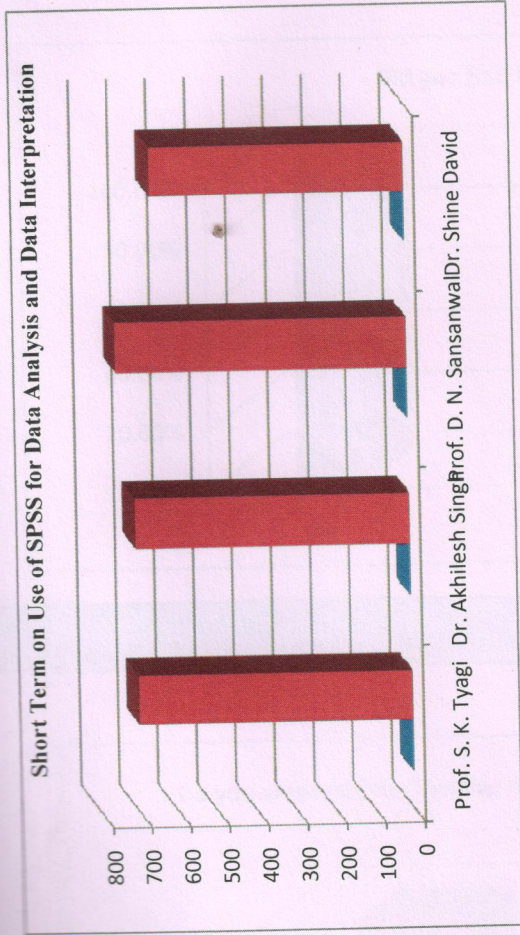
Session IV

Time 04:00 am to 05:30 pm

Valedictory Session

Few participants gave their feedback verbally and greatly appreciated the resource persons whom they heard during the sessions. During this session Academic Staff College collected feedback of all participants. The participants were distributed certificates after that a vote of thanks was presented.

1) Prof. S. K. Tyagi	4.62	703
2) Dr. Akhilesh Singh	4.63	705
3) Prof. D. N. Sansanwal	4.92	747
4) Dr. Shine David	4.3	654



Did you find the course useful?:- Yes

What did you like the best in this course?:- 1. Interaction between teacher and participants.

2. Quality of lectures.

3. Learning the concepts related with SPSS.

4. Research Methodology tools & Techniques.

Do you want ASC to Organize more short term Programs in future? :- Yes

If yes, please specify themes on which you want ASC to Organize short term Program:-

1. Skill development.

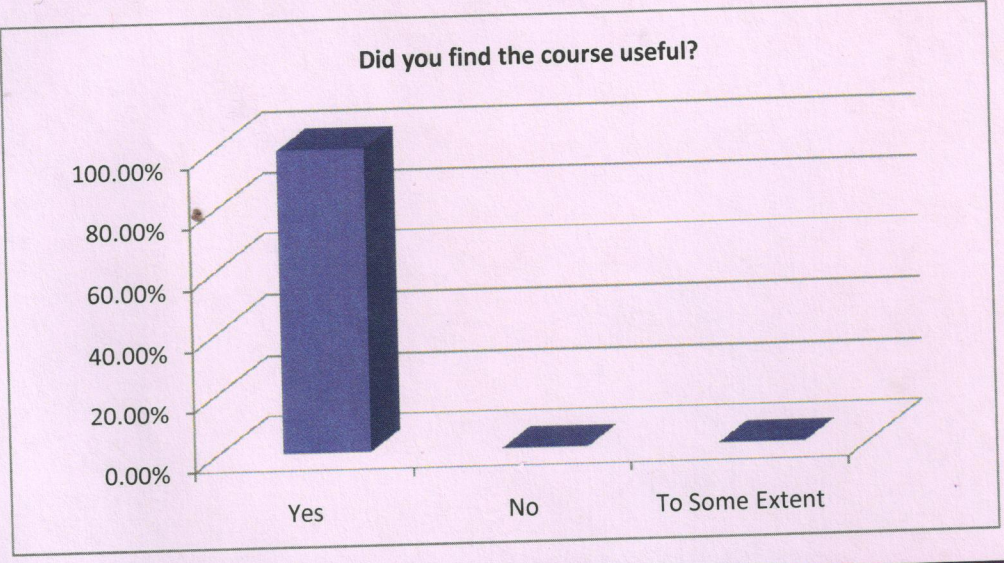
2. "Statistical test in Social Science" which are more usefull in research (all) include in course with providing reading material.

Aspect that needs improvement:- 1. Time duration improve for two weak.

Increase the computer facility.

2.

1	Did you find the course useful?	
	Yes	100.00%
	No	0.00%
	To Some Extent	0.00%



4	Do you want ASC to Organize more short term programs in future?	
	Yes	100.00%
	No	0.00%

