

DEPARTMENT OF ANTHROPOLOGY
HALDIA GOVERNMENT COLLEGE
(Affiliated to VIDYASAGAR UNIVERSITY)

Value Added Course - 1

Organized by:

Department of Anthropology, Haldia Government College, West Bengal

Academic Session: 2021-2022

REPORT

- 1 **Name of the course** : Fundamentals of SPSS and Anthropological Data Management
- 2 **Duration** : **32 Hours** (March 12, 2022 – June 18, 2022)
- 3 **Resource persons** : 1. Dr. Bhupon Mohan Das, Haldia Govt. College
2. Dr. Salil Kumar Dutta, Haldia Govt. College
3. Prof. Pinaki Dey Mullick, Haldia Govt. College
4. Dr. Soumi Dey, Haldia Govt. College
5. Dr. Mohan Chandra Dolai, Haldia Govt. College
- 4 **Contents** : **Module 1: Fundamentals of SPSS**

Introduction to SPSS; Basic concepts in SPSS Statistics; Identify the steps in data management; Define variables; Select cases for analyses; Run analyses for groups; Transforming variables; Compute variables; Recode values of categorical and scale variables; Create a numeric variable from a string variable; Statistical Analysis using SPSS and Interpretation of data output

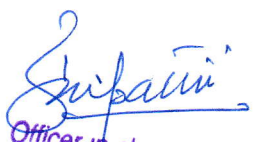
Module 2: Anthropological Data

Basic concepts of Anthropological data; Data collection and management; Quantitative data management; Qualitative data management.

Module 3: Anthropological Data Analysis using SPSS and Interpretation

Basic knowledge on anthropological data analysis; Descriptive statistics; Inferential statistics: t-test, ANOVA, Chi²; Correlation and Regression; Interpretation of output data.




Officer-in-charge
Haldia Government College
P.O.-Debnag, Dist- Purba Medinipur

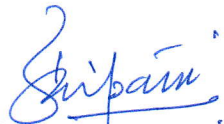
Module 4: Hands on Training (SPSS software)

1. Review basic analyses tools; Reading or transcribing raw data and defining data; Read data from Microsoft Excel or other data sources; Read data from databases.
2. Define variable properties; Run analyses for groups or selections; Transforming variables; Compute variables; Recode values of categorical and scale variables; Create a numeric variables from string variables.
3. Restructure datasets: Merging data files; Add cases or add variables from one dataset to another; Summarizing individual variables or categorical variables; Creating presentation-ready tables with Custom Tables.
4. Hands on training on basic anthropological data analysis using SPSS: Descriptive statistics; Inferential statistics- t-test, ANOVA, Chi²; Correlation and Regression; Interpretation of output data.

- 5 **Objectives** :
1. To provide basic theoretical and practical skills in anthropological data management.
 2. To improve the fundamental knowledge on SPSS software through hands on training and to build self-confidence over data management.
- 6 **No. of participants** : 16
- 7 **Course outcome** : This course will undoubtedly aid them in establishing their career. The purpose of the course is to give students the necessary knowledge and hands on training experience with SPSS software and anthropological data management, which enable them to perform statistical analyses on the collected data for the Research/Project work.

Date: 05.07.2022
Place: Haldia.

Bhubon Mohan Das
Signature of the Course Coordinator


Officer-in-charge
Haldia Government College
P.O.-Debhog, Dist- Purba Medinipur

**DEPARTMENT OF ANTHROPOLOGY
HALDIA GOVERNMENT COLLEGE
(Affiliated to VIDYASAGAR UNIVERSITY)**

Value Added Course

On

**Fundamentals of SPSS and Anthropological Data
Management**

Organized by:

Department of Anthropology, Haldia Government College, West Bengal

Academic Session: 2021-2022

Contents

Module 1: Fundamentals of SPSS

4 Hours

Introduction to SPSS; Basic concepts in SPSS Statistics; Identify the steps in data management; Define variables; Select cases for analyses; Run analyses for groups; Transforming variables; Compute variables; Recode values of categorical and scale variables; Create a numeric variable from a string variable; Statistical Analysis using SPSS and Interpretation of data output

Module 2: Anthropological Data

6 Hours

Basic concepts of Anthropological data; Data collection and management; Quantitative data management; Qualitative data management.

Module 3: Anthropological Data Analysis using SPSS and Interpretation

6 Hours

Basic knowledge on anthropological data analysis; Descriptive statistics; Inferential statistics: t-test, ANOVA, Chi²; Correlation and Regression; Interpretation of output data.

Module 4: Practical /Hands on Training (SPSS software)

1. Review basic analyses tools; Reading or transcribing raw data and defining data; Read data from Microsoft Excel or other data sources; Read data from databases.

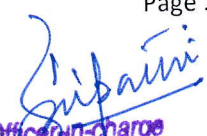
4 Hours

2. Define variable properties; Run analyses for groups or selections; Transforming variables; Compute variables; Recode values of categorical and scale variables; Create a numeric variables from string variables.

4 Hours



Page 1 of 2


Officer-in-charge
Haldia Government College
P.O.-Debhog, Dist- Purba Medinipur

3. Restructure datasets: Merging data files; Add cases or add variables from one dataset to another; Summarizing individual variables or categorical variables; Creating presentation-ready tables with Custom Tables.

4 Hours

4. Hands on training on basic anthropological data analysis using SPSS: Descriptive statistics; Inferential statistics- t-test, ANOVA, Chi²; Correlation and Regression; Interpretation of output data.

4 Hours

Suggested Reading:

1. Bryman, A., & Cramer, D. (2009). *Quantitative data analysis with SPSS 14, 15 & 16: A guide for social scientists*. Routledge/Taylor & Francis Group.
2. Morgan, G. A., Leech, N. L., Gloeckner, G. W., & Barrett, K. C. (2004). *SPSS for introductory statistics: Use and interpretation*. Psychology Press.
3. Cronk, B. C. (2019). *How to use SPSS®: A step-by-step guide to analysis and interpretation*. Routledge.
4. De Koning, M., Meyer, B., Moors, A., & Pels, P. (2019). Guidelines for anthropological research: Data management, ethics, and integrity. *Ethnography*, 20(2), 170-174.
5. Crowder, J. W., Fortun, M., Besara, R., & Poirier, L. (Eds.). (2019). *Anthropological data in the digital age: new possibilities–new challenges*. Springer Nature.
6. Pels, P., Boog, I., Florusbosch, J. H., Kripe, Z., Minter, T., Postma, M., ... & Richards-Rissetto, H. (2018). Data management in anthropology: the next phase in ethics governance?. *Social Anthropology/Anthropologie Sociale*, 26(3), 391-413.
7. Coschino, F., Fornaciari, A., & Minozzi, S. (2011). Computer models and applications for the management of anthropological data. *J. Anthropol. Sci*, 89, 195-199.
8. Bernard, H. R. (2017). *Research Methods in Anthropology: Qualitative and Quantitative Approaches*. Rowman & Littlefield.



About the course:

The department of Anthropology has offered this value-added course to meet the need of undergraduate students moving on to the next stage of higher education. This course will undoubtedly aid them in establishing their career. The purpose of the course is to give students the necessary knowledge and hands on training experience with SPSS software and anthropological data management, which enable them to perform statistical analyses on the collected data for the Research/Project work.

Objectives:

1. To provide basic theoretical and practical skills in anthropological data management.
2. To improve the fundamental knowledge on SPSS software through hands on training and to build self-confidence over data management.

Resource persons:

1. Dr. Sail Kumar Dutta, Haldia Govt. College
2. Prof. Pinaki Dey Mullick, Haldia Govt. College
3. Dr. Soumi Dey, Haldia Govt. College
4. Dr. Mohan Chandra Dolai, Haldia Govt. College
5. Dr. Bhubon Mohan Das, Haldia Govt. College

Course Coordinator::

Dr. Bhubon Mohan Das
Assistant Professor & Head
Department of Anthropology,
Haldia Government College

Eligibility: Undergraduate students

Registration Details: Registration is mandatory for all participants. There is no registration fee for the course.

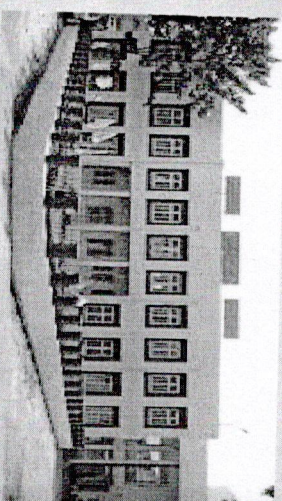
Interested student participants may submit the hard copy of the filled in enrolment forms to the course coordinator.

Dr. Bhubon Mohan Das, Assistant Professor,
Department of Anthropology, Haldia
Government College.

Last date for enrolment: 10th March, 2022

Participation Certificate will be issued after the successful completion of the Course

**DEPARTMENT OF ANTHROPOLOGY
HALDIA GOVERNMENT COLLEGE
(Affiliated to Vidyasagar University)**



Organizes

VALUE ADDED COURSE
On
**Fundamentals of SPSS and
Anthropological Data
Management**

Schedule Date: 12th March, 2022 to 18th June, 2022.

Time: Every Saturday 2:30 PM to 4:30 PM.

Course duration: 32 hours (Including lectures and hands on training in computer)

S. Debbarma
Office in charge

Haldia Government College
P.O.-Debnag, Dist.-Purba Medinipur

DEPARTMENT OF ANTHROPOLOGY
HALDIA GOVERNMENT COLLEGE
(Affiliated to VIDYASAGAR UNIVERSITY)

STUDENTS ENROLLMENT FORM

Value Added Course

On

**Fundamentals of SPSS and Anthropological Data
Management**

Organized by:

Department of Anthropology, Haldia Government College, West Bengal

Academic Session: 2021-2022

- 1 Name (Block Letter) : NAYANA JANA
2 College ID No. : HGC/ANTH/21/020
3 University Regn. No. with Year : VU211013454
4 Department : ANTHROPOLOGY
5 Current Semester : SECOND SEMESTER
6 Date of Birth : 03.09.2003
7 Sex (Please Tick) : Male: () Female: (✓) Other ()
8 Caste (Please Tick) : SC: () ST: () OBC: () UR: ()
9 Father's Name : BIMAN JANA
10 Permanent Address : VILL- DHANYAGHAR, P.O.-DHANYAGHAR,
P.S. - NANDAKUMAR, DIST- PURBA -
MENTIPUR, PIN- 721643
11 Mobile No. (Whatsapp No.) : 7407803711
12 Email Address : JANANAYANA4@GMAIL.COM
(in Capital Letters)

Date: 05/03/2022

Place: HALDIA

Nayana Jana
Signature of the Applicant

For Department Use Only

Date of enrolment: 11.03.2022

Enrolment No.: HGC/ANTH/VAC 1/001.

Remarks: ☒ Approved / ☐ Not approved

Signature of the Course Coordinator

DEPARTMENT OF ANTHROPOLOGY
HALDIA GOVERNMENT COLLEGE
(Affiliated to VIDYASAGAR UNIVERSITY)

Value Added Course

On

**Fundamentals of SPSS and Anthropological Data
Management**

Organized by:

Department of Anthropology, Haldia Government College, West Bengal

Academic Session: 2021-2022

List of Participants

Sl. No.	Name	College ID	Regn. No.	Signature
01	Nayana Jana	HGC/ANTH/21/020	VU211013459	Nayana Jana
02	Suman Das	HGC/ANTH/21/013	VU211013586	Suman Das.
03	Arpita Samanta	HGC/ANTH/21/012	VU211013412	Arpita Samanta.
04	Rina Pal	HGC/ANTH/21/015	VU211013482	Rina Pal
05	Tanushree Rishi Das Karmakar	HGC/ANTH/20/004	1160532	Tanushree Rishi Das Karmakar
06	Arpita Jana	HGC/ANTH/20/009	1160409	Arpita Jana.
07	Debika Quary	HGC/ANTH/20/011	1160423	Debika Quary
08	Priyanka Khutia	HGC/ANTH/21/023	VU211013470	Priyanka Khutia
09	Saheli Mal	HGC/ANTH/21/002	VU211013487	Saheli Mal
10	Md. Mahbub Malik	HGC/ANTH/21/010	VU211013450	Md. Mahbub Malik
11	SK. Maimuddin	HGC/ANTH/20/012	1160403	SK. Maimuddin
12	Sandip Manna	HGC/ANTH/20/008	1160474	Sandip Manna
13	Subhadip Jana	HGC/ANTH/20/012	1160513	Subhadip Jana
14	Sumanta Das	HGC/ANTH/21/029	VU211013537	Sumanta Das
15	Ravindra Maji	HGC/ANTH/21/025	VU211013480	Ravindra Maji
16	Mukhar Saptam Das	HGC/ANTH/20/013	1160443	Mukhar Saptam Das.
17				
18				

[Signature]

[Signature]
Officer-in-charge
Haldia Government College
P.O. Udaanog, Dist- Purba Medinipur

DEPARTMENT OF ANTHROPOLOGY
HALDIA GOVERNMENT COLLEGE

Haldia: : Purba Medinipur: : WB 721657

End Course Examination, 2021-2022

Name of the Course: Value Added Course - 1

Enrolled Semester / Year: Semester II & IV

Subject: Fundamentals of SPSS and Anthropological Data Management

Roll No.: HMC/ANTH/21/020

Enrolment No.: HGC/ANTH/VAC 1/ 01

18
20

Answer any Ten of the following questions. Each question is of equal value (2).

02 X 10=20 MARKS

1. SPSS stand for what?

- a. Standard Package for Social Sciences ☒ b. Statistical Package for Social Sciences
c. Statistical Product for Social Service ☒ d. Statistical Package for Self Service

2. In the Data View of the SPSS Data Editor, each row represents what?

- a. A case. ☒ b. A data point. ☒ c. A missing value. ☒ d. A variable. ☒

3. In the Data View of the SPSS Data Editor, each column represents what?

- a. A case. ☒ b. A data point. ☒ c. A missing value. ☒ d. A variable. ☒

4. In the Variable View of the SPSS Data Editor, each row represents what?

- a. A case. ☒ b. A data point. ☒ c. A missing value. ☒ d. A variable. ☒

5. Which of the following is true about the names of variables in SPSS?

- a. They cannot contain spaces. ☒ b. They cannot begin with a numeral. ☒
c. They cannot contain any special characters. ☒ d. All of these choices are true. ☒

6. What are the components of SPSS?

- a. Data Editor ☒ b. Output Viewer ☒ c. Syntax Window ☒ d. All of these. ☒

7. Which of the following extension come with the data files in SPSS?

- a. .sav ☒ b. .xls ☒ c. .sps ☒ d. .doc ☒

8. Which of the following statements about nominal data is true?

- a. Nominal data have magnitude ☒ b. Nominal data are categorical ☒
c. Nominal is a synonym for 'continuous' ☒ d. All nominal variables are dichotomous. ☒

9. SPSS uses the term 'Scale' to refer to:

- a. Categorical data ☒ b. Both nominal and ordinal level data ☒
c. Both interval and ratio level data ☒ d. All of these choices. ☒

10. SPSS status bar informs user.

- a. SPSS processor is ready ☒ b. SPSS processor is not ready ☒
c. A & B ☒ d. none of these ☒

11. Basic step of Anthropological data management.

- a. Data collection ☒ b. Data entry ☒ c. Analysis the data ☒ d. All of these ☒

12. The variables haemoglobin level, blood pressure, sugar ____ data.

- a. Parametric ☒ b. Non-parametric ☒ c. Both A & B ☒ d. none of these ☒

13. The variables age, height, and weight ____ values.

- a. String ☒ b. Numerical ☒ c. Both A & B ☒ d. none of these ☒

14. To establish relationship between Smoking and Cancer, requires ____ analysis.

- a. Descriptive statistics ☒ b. Inferential statistics ☒ c. None of this ☒ d. All of these ☒

15. Data on life cycle (birth, death, marriage) requires ____ analysis.

- a. Quantitative data analysis ☒ b. Qualitative data analysis ☒ c. None of this ☒ d. All of these ☒

18.06.2022

**DEPARTMENT OF ANTHROPOLOGY
HALDIA GOVERNMENT COLLEGE
(Affiliated to VIDYASAGAR UNIVERSITY)**

Value Added Course

On

Fundamentals of SPSS and Anthropological Data Management

Organized by:

Department of Anthropology, Haldia Government College, West Bengal

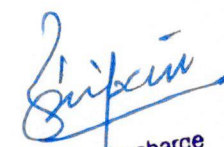
Academic Session: 2021-2022

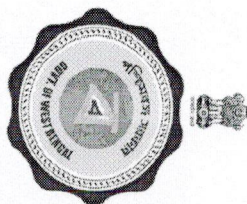
Award of Participants' Assessment

Date of Examination: 18/06/2022

Sl. No.	Name	College ID	Enrolment No.	Marks Obtain (20)
01	NAYANA JANA	HGC/ANTH/21/020	HGC/ANTH/VAC 1/001	18
02	SUMAN DAS	HGC/ANTH/21/013	HGC/ANTH/VAC 1/002	18
03	ARPITA SAMANTA	HGC/ANTH/21/012	HGC/ANTH/VAC 1/003	16
04	RINA PAL	HGC/ANTH/21/015	HGC/ANTH/VAC 1/004	16
05	TANUSHREE RUHIDAS KARIKAR	HGC/ANTH/20/004	HGC/ANTH/VAC 1/005	18
06	ARPITA JANA	HGC/ANTH/20/009	HGC/ANTH/VAC 1/006	18
07	DEBIKA DUARY	HGC/ANTH/20/011	HGC/ANTH/VAC 1/007	18
08	PRIYANKA KHUTYA	HGC/ANTH/21/023	HGC/ANTH/VAC 1/008	16
09	SAHELI MAL	HGC/ANTH/21/007	HGC/ANTH/VAC 1/009	16
10	MD MAHBUB MALLIK	HGC/ANTH/21/019	HGC/ANTH/VAC 1/010	18
11	SK MAINUDDIN	HGC/ANTH/20/002	HGC/ANTH/VAC 1/011	18
12	SANDIP MANNA	HGC/ANTH/20/008	HGC/ANTH/VAC 1/012	14
13	SUBHADIP JANA	HGC/ANTH/20/012	HGC/ANTH/VAC 1/013	18
14	SUMANTA DAS	HGC/ANTH/21/024	HGC/ANTH/VAC 1/014	14
15	RANJIT MAJI	HGC/ANTH/21/025	HGC/ANTH/VAC 1/015	18
16	MUKHAR SPTAM DAS	HGC/ANTH/20/003	HGC/ANTH/VAC 1/016	14


18.06.2022


Officer-in-charge
Haldia Government College
P.O.-Debhog, Dist.- Purba Medinipur



Department of Anthropology
Haldia Government College

ANTH/VAC 1/011

CERTIFICATE OF COMPLETION

Value Added Course
on

Fundamentals of SPSS and Anthropological Data Management

This is to certify that **Ms. RINA PAL**, student of Semester II, Department of Anthropology, Haldia Government College has successfully completed Value Added Course on *Fundamentals of SPSS and Anthropological Data Management* organized by the Department of Anthropology, Haldia Government College (Academic Session: 2021-2022).

We wish him/her bright future.

Dr. Bhubon Mohan Das
Course Coordinator & Head

Head

Department of Anthropology
Haldia Government College

Dr. Pijush Kanti Tripathi
Officer-in-Charge

Officer-in-Charge
Haldia Government College
P.O. Debnog, Dist- Purba Medinipur

