



Republic of the Philippines  
**Department of Education**  
Region III  
**SCHOOLS DIVISION OF ANGELES CITY**



**DIVISION ADVISORY**

No. 17, s. 2020

**To** : Heads of Public and Private Elementary and Secondary Schools

**From** : The OIC-Schools Division Superintendent

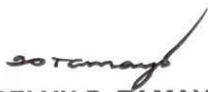
**Subject** : International Professional Seminar-Workshop on Research Capacity Building: Qualitative, Quantitative and Action Research

**Date** : January 24, 2020

Please be informed that the Aliswag Lifelong Training Center will conduct the "International Professional Seminar-Workshop on Research Capacity Building: Qualitative, Quantitative and Action Research" on January 31, 2020 to February 2, 2020 at Central Bicol State University of Agriculture (CBSUA), San Jose, Pili, Camarines Sur.

Target participants to this seminar-workshop are public and private school teachers who are interested in enhancing their knowledge and skills in their field of study for professional work and lifelong learning based on research.

Attached are the letter of invitation of Prof. Albert Jerome Y. Jopida, Branch Owner, Aliswag Lifelong Training Center and the program of activities, for reference.

  
**MA. IRELYN P. TAMAYO PhD, CESE**  
Assistant Schools Division Superintendent  
Officer-in-Charge  
Office of the Schools Division Superintendent

LVL/chiefsgod



CN 2020-018  
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**Telephone No.** (045) 322-4101  
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# Aliswag Lifelong Training Center

Unit 211, Studio 101 2268 J. Dela Rosa St. Sanipaloc, Manila  
09154189912, 09293466111

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January 6, 2019

**NICOLAS T. CAPULONG, PhD., CESO V**  
Regional Director  
Department of Education  
Region III

**Re: Invitation Letter for International Professional Seminar-Workshop on  
"RESEARCH CAPACITY BUILDING: QUALITATIVE, QUANTITATIVE AND ACTION RESEARCH"**

Dear Dr. Capulong,

A Blessed Day in Christ our Lord! Aliswag Lifelong Training Center is an accredited CPD Seminar and Training Provider by Professional Regulation Commission (PRC) for Teachers (PTR-2019-291) and Nursing (PTR-2019-338).

In line with this, we offer our open invitation on voluntary basis only and not compulsory for public and private school teachers who may be interested. May we request for your guidance thru your good office so we can send our invitation to various learning institutions within Bicol.

We are going to conduct the first series of international seminars and training here in Bicol, Philippines to make it accessible for participants within the province. The core of the seminar are speakers with international experience in research presentation and / or education. The most immediate schedule we have is this coming **January 31, 2020 to February 2, 2020 at Central Bicol State University of Agriculture (CBSUA), San Jose, Pili, Camarines Sur.**

The title of the seminar is **"RESEARCH CAPACITY BUILDING: QUALITATIVE, QUANTITATIVE AND ACTION RESEARCH"**. With 14 CPD units to be applied for Professional Teachers. It has the following objectives:

- Deepening of Broad and Coherent knowledge and skills in their field of study for professional work and life-long learning that is based on Qualitative and Quantitative research practice.
- Acquisition of Advance knowledge and skills in a specialized or multi-disciplinary field of study for professional practice, self-directed research and life-long learning towards the conduct of Qualitative and Quantitative research writing.

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- Development of conducive professional attitude towards co-professionals in the integrated effort of Qualitative and Quantitative research writing.
- Development of affective nature towards the confidence of conducting and composing Qualitative and Quantitative research.

This may include the following speakers:

1. Prof. Emerson G. Aliswag LPT., PTP., CPTc., RN., MSN-AHN., DNSc  
Book Author, Aliswag Series 22 Book Publications  
Doctoral Practicum, Diponegoro University, Semarang, Indonesia
2. Dr. Ronnel Dela Rosa LPT., RN, MAN., PhD., DNM  
Co-author, Aliswag Series 22 Book Publications  
Dean, Graduate School  
Bataan Peninsula State University
3. Dr. John Christian Villanueva PhD., MAEd., LPT., MAN., RN  
School Nurse, Dep Ed Nueva Ecija  
Faculty, Graduate School Gloria Lacson College
4. Dr. Jerome Cleofas PhD  
Coordinator, Graduate School St. Paul University – Manila  
Professor, Graduate School Dela Salle University – Manila
5. Prof. Jierico Batario RN.  
Clinical Preceptor, Ospotal ng Makati  
Co-Author, Aliswag Series 22 Books Publication  
Recognized Resource Speaker in Academic and Professional Seminars  
Recognized Expert Resource Speaker in Research Writing in Professional Academic Seminars
6. Prof. Albert Jerome Y. Jopida PTP., RN., MSN-AHN  
Co-Author, Aliswag Series 22 Books Publication  
Recognized Resource Speaker in Academic and Professional Seminars  
Recognized Expert Resource Speaker in Research Writing in Professional Academic Seminars

The seminar cost P4,500 inclusive of meals (am and pm snacks with lunch), certificates and **FREE 7 printed books** banded as one and published by Aliswag Review Center Publishing which are as follows:

- A. Book 1 Quantitative Research Writing
- B. Book 2 Qualitative Research Writing
- C. Book 3 Action Research Writing
- D. Book 4 Evidence Based Practice

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- E. Book 5 Research Evaluation Rubrics
- F. Book 6 50 Item Questions, Answers and Rational Set 1
- G. Book 7 50 item Questions, Answers and Rationales Set 2
- H. ISBN: 978-621-8084-12-4
- I. Published by: Aliswag Review Center

**Special Promo:** Bachelor Students can have this seminar for only P1,500, Early registration for Professionals will only pay P3,000 .

Attached with this letter is a copy of our certificate as CPD providers and Program of Activities.

We sincerely hope and pray to have your support! Thank you and God bless you!



Prof. Albert Jerome Y. Jopida PTP, RN., MSN-AHN  
Branch Owner, Aliswag Lifelong Training Center – Puerto Princesa

Prof. Emerson G. Aliswag LPT-BS, CPTc, PTP, RN, MSN-AHN, DNSc, PCO  
President, Aliswag Lifelong Training Center  
President, Aliswag Review Center Publishing House  
Author, Aliswag Review Series: Professional Guidelines in Research Writing  
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Republic of the Philippines  
Professional Regulation Commission  
Manila

CPD COUNCIL FOR PROFESSIONAL TEACHERS

awards this

**Certificate of Accreditation**

to

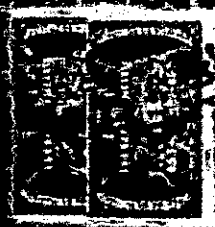
**ALISWAG LIFELONG TRAINING  
CENTER**

101 Bisco St. Sampaloc, Manila

For having complied the requirements for  
(Continuing Professional Development) (CPD) as CPD Provider  
in accordance with the Implementing Rules and Regulations (IRR)  
of Republic Act No. 10912, otherwise known as the CPD Act of 2016  
as given by the PROFESSIONAL REGULATION COMMISSION  
in Resolution No. 1012, Series of 2017.

Accreditation No. PTR-2019-291

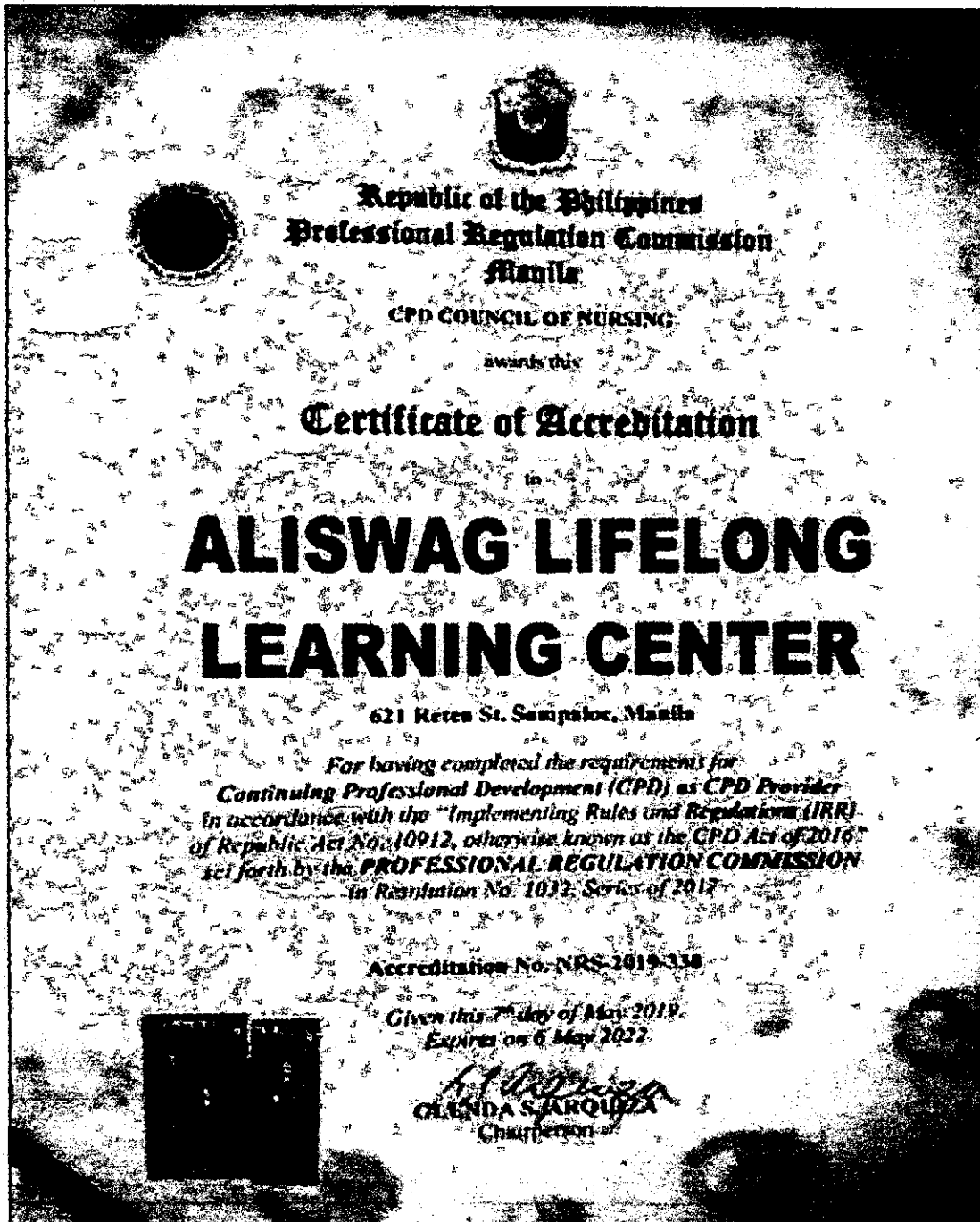
Given this 8<sup>th</sup> day of April 2019  
Expires on 7 April 2022



**ROSITA C. NAVARRO**  
Chairperson

# Aliswag Lifelong Training Center

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## Program of Activities

Time	Topic / Activity
Day 1 8:00 am 12:00 nn	Arrival of the Participants and Speakers Accommodation and Check – Inn Registrations and Socialization
Day 1: 1:00 to 3:00 pm	<p><b>Unit I: Understanding The foundation principles and core concepts of Research Writing.</b></p> <ul style="list-style-type: none"> <li>I. Definition of Research <ul style="list-style-type: none"> <li>a. Uses of research</li> <li>b. Characteristics of a good research</li> <li>c. Characteristics of a good researcher</li> <li>d. Characteristic of a crippled intelligence</li> </ul> </li> <li>II. Research tree</li> <li>III. Types of research According to: <ul style="list-style-type: none"> <li>a. Purpose or Objective <ul style="list-style-type: none"> <li>i. Basic or Pure</li> <li>ii. Applied</li> </ul> </li> <li>b. Scope or Coverage <ul style="list-style-type: none"> <li>i. Action Research</li> <li>ii. Evidence Based Practice</li> <li>iii. Feasibility Study</li> </ul> </li> <li>c. According to Time Dimension <ul style="list-style-type: none"> <li>i. Cross sectional</li> <li>ii. Longitudinal</li> <li>iii. Prospective</li> <li>iv. Retrospective</li> </ul> </li> <li>d. According to Design <ul style="list-style-type: none"> <li>i. Quantitative <ul style="list-style-type: none"> <li>1. Experimental <ul style="list-style-type: none"> <li>• True Experiment</li> <li>• Quasi Experiment</li> <li>• Meta Analysis</li> </ul> </li> <li>2. Non-Experimental <ul style="list-style-type: none"> <li>• Comparative</li> <li>• Correlational</li> <li>• Methodological</li> </ul> </li> </ul> </li> </ul> </li> </ul> </li> </ul>

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<p>Day 1: 3:00 to 5:00 pm</p>	<ul style="list-style-type: none"> <li>• Descriptive-Survey</li> </ul> <p>3. Mixed Method</p> <ul style="list-style-type: none"> <li>• Convergent Parallel Design</li> <li>• Sequential Explanatory</li> <li>• Sequential Exploratory</li> </ul> <p>II. Qualitative</p> <ol style="list-style-type: none"> <li>1. Grounded Theory</li> <li>2. Ethnography</li> <li>3. Historical</li> <li>4. Phenomenological</li> <li>5. Descriptive – Case Study</li> </ol> <p><b>Unit II: Research Writing Chapter I.</b></p> <ol style="list-style-type: none"> <li>I. Step 1. Select a Topic</li> <li>II. Step 2. Read Review of Related Literature</li> <li>III. Step 3. Identify the Variables               <ul style="list-style-type: none"> <li>• Classification of Variables</li> <li>• Scales of Measurement of a Variable</li> </ul> </li> <li>IV. Step 4. Write the Introduction</li> <li>V. Step 5. Finalize the Problem</li> <li>VI. Step 6. State the Research Question</li> <li>VII. Step 7. State the Hypothesis               <ul style="list-style-type: none"> <li>• Two Types of Hypothesis</li> <li>• Hypothesis Testing</li> <li>• Tails of Acceptance of Rejection</li> <li>• Confidence Interval</li> <li>• Confidence Level</li> <li>• Significant Difference: p – value</li> <li>• Significant Correlation: r – value</li> </ul> </li> <li>VIII. Step 8. Theoretical Paradigm</li> <li>IX. Step 9. Theoretical Background or Framework</li> <li>X. Step 10 Conceptual Paradigm</li> <li>XI. Step 11 Conceptual Framework</li> <li>XII. Step 12. Significance of the Study</li> <li>XIII. Step 13. Scope and Limitation</li> </ol>
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<p>Day 2: 8:00-12:00 nn</p>	<p>XIV. Step 14. Definition of Terms</p> <p>XV. Step 15. Ethics</p> <ul style="list-style-type: none"><li>• Ethical Principles</li></ul> <p>XVI. Step 16. Informed Consent</p> <ul style="list-style-type: none"><li>• Informed Consent Form</li></ul> <p><b>Unit III. Research Writing Chapter II.</b></p> <p>I. Step 1. Construct the Topic Outline</p> <p>II. Step 2. Using the Research Questions in constructing your topic outline.</p> <p>III. Step 3. Researching Topics In Google Search</p> <p>IV. Step 4. Selecting RELIABLE and UPDATED Related Studies.</p> <p>V. Step 5. Paraphrase it "with reference always" follow the APA format.</p>
<p>Day 2: 1:00 – 3:00 pm</p>	<p><b>Unit IV. Research Writing Chapter III.</b></p> <p>I. Step 1. Describe the Research Design</p> <p>II. Step 2. Inclusion Criteria</p> <ul style="list-style-type: none"><li>• Universe</li><li>• Population</li><li>• Sample</li><li>• Cycle of Relationship</li></ul> <p>III. Step 3. Select the Sampling Method</p> <ul style="list-style-type: none"><li>• Slovin's Formula</li><li>• Cochran's Formula</li><li>• Probability Sampling</li><li>• Non Probability Sampling</li></ul> <p>IV. Step 4. Describe the Study setting</p> <p>V. Step 5. State the Method of Data Collection and Statistical Treatment</p> <ul style="list-style-type: none"><li>• Types of Data Collection Method<ul style="list-style-type: none"><li>◦ According to Time Dimension</li><li>◦ According to Manner Data Collection</li></ul></li><li>• Statistic in Research</li><li>• Guidelines in Selecting Statistical Tests</li><li>• Power Analysis</li></ul>

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- Effect Size
- Predictions Thru Statistical Methods
  - Linear Regression
  - Multiple Regression
  - Path Analysis
  - Factor Analysis
  - Meta-Analysis
  - Bayesian Probability
- Triangulation
  - Data Triangulation
  - Investigator Triangulation
  - Theory Triangulation
  - Methodological Triangulation
- Parametric Tests
  - One Sample T-Test
  - Un-paired T-Test
  - Paired T-Test
  - One way ANOVA
  - Two way ANOVA
  - Correlated ANOVA
  - Scheffe and Tukey Test
  - ANCOVA
  - MANOVA
  - MANCOVA
  - Pearson r – correlation
- Non-Parametric Tests
  - Sign Test
  - Spearman rho
  - Chi-Square
  - Chi-Square Goodness of Fit Test
  - Wilcoxon's Signed Rank Test
  - Kolmogorov Smirnov Tests
  - Kruskal-Wallis Test
  - Mann – Whitney Tests
  - Cohen's Kappa
  - Jonckheere Test
  - Cochran's Q Tests
  - Friedman Test
  - Kendall's W Test

**VI. Step 6. Instrumentation**

- Creating a tool for data collection
- Types of Tests
- Item Analysis
- Validity Tests
- Reliability Tests

**VII. Step 7. Control of Extraneous Variable, elimination**

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<p>Day 2. 3:00 – 4:00 pm</p>	<p>of recall bias as well as orientation and training of research assistants.</p> <ul style="list-style-type: none"> <li>• Types of Trial             <ul style="list-style-type: none"> <li>◦ Single Blind</li> <li>◦ Double Blind</li> </ul> </li> <li>• Bias             <ul style="list-style-type: none"> <li>◦ Sources of Bias</li> <li>◦ Types of Bias</li> <li>◦ Ways to Prevent Bias</li> </ul> </li> </ul> <p>VIII. Step 8. Construct a Subject Selection Flow Chart</p> <ul style="list-style-type: none"> <li>• Recruitment</li> <li>• Causes of Recruitment Failure</li> <li>• Problem Points in Recruitment</li> <li>• Compliance of Recruits</li> <li>• Non Compliance of Recruits</li> <li>• Reasons for Non-compliance</li> <li>• Ways to maintain compliance</li> </ul> <p>Unit V. Research Writing Chapter IV.</p> <p>I. Step 1. Collate the Data</p> <ul style="list-style-type: none"> <li>• Organization, Presentation and Description of Data.             <ul style="list-style-type: none"> <li>◦ Frequency Distribution                 <ul style="list-style-type: none"> <li>➢ Range</li> <li>➢ Intervals</li> <li>➢ Class Size</li> <li>➢ Cumulative Frequency</li> <li>➢ Class Mark</li> <li>➢ Class Boundaries</li> </ul> </li> <li>◦ Plotting the Distribution                 <ul style="list-style-type: none"> <li>➢ Center</li> <li>➢ Spread</li> <li>➢ Shape                     <ul style="list-style-type: none"> <li>✓ Mesokurtic</li> <li>✓ Leptokurtic</li> <li>✓ Platykurtic                             <ul style="list-style-type: none"> <li>➢ Symmetry</li> <li>➢ Number of Peaks</li> </ul> </li> <li>✓ Unimodal</li> <li>✓ Bimodal                             <ul style="list-style-type: none"> <li>➢ Skewness</li> </ul> </li> <li>✓ Skewed to the right</li> <li>✓ Skewed to the left                             <ul style="list-style-type: none"> <li>➢ Unusual Features</li> </ul> </li> <li>✓ Gaps</li> <li>✓ Outliers</li> </ul> </li> </ul> </li> </ul> </li> </ul>
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	<ul style="list-style-type: none"><li>o Describing the Data Set<ul style="list-style-type: none"><li>&gt; Center Spread</li><li>&gt; Shape</li><li>&gt; Scatter Plot</li><li>&gt; Histogram</li><li>&gt; Frequency Polygon</li></ul></li><li>o Measure of Central Tendency<ul style="list-style-type: none"><li>&gt; Mean</li><li>&gt; Mode</li><li>&gt; Median</li></ul></li><li>o Measures of Variability<ul style="list-style-type: none"><li>&gt; Range</li><li>&gt; Quartile</li><li>&gt; Quartile Deviation</li><li>&gt; Inter-quartile Range</li><li>&gt; Standard Deviation</li><li>&gt; Variance</li><li>&gt; Measures of Position</li><li>&gt; Percentile</li><li>&gt; Quartile</li><li>&gt; Z Scores</li></ul></li></ul>
	<ul style="list-style-type: none"><li>II. Step 2. Statistical treatment and Analysis</li><li>III. Step3. Tabular presentation</li><li>IV. Step 4. Writing the Analysis</li><li>V. Step 5. Discussing the results</li><li>VI. Step 6. Interpret the Results</li></ul>
Day 2. 4:00 - 5:00 pm	<p><b>Unit VI. Research Writing Chapter V.</b></p> <ul style="list-style-type: none"><li>I. Step 1. Write the summary</li><li>II. Step 2. Make a Conclusion</li><li>III. Step 3. Write the Recommendation</li><li>IV. Step 4. References</li></ul>

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Day 3. 8:00am - 10:00 am	<b>QUALITATIVE RESEARCH</b>  <b>CHAPTER 1: INTRODUCTION</b> STEP 1: SELECT A TOPIC STEP 2: READ NON-SUBSTANTIVE LITERATURE STEP 3: IDENTIFYING THE PHENOMENON, THE CONTEXT AND THE FOCUS OF THE INQUIRY STEP 4: WRITE THE INTRODUCTION STEP 5: STATING THE RESEARCH PROBLEM/PURPOSE STEP 6: DISCUSSING YOUR THEORETICAL FRAMEWORK OR PHILOSOPHICAL UNDERPINNING OR INTERPRETIVE FRAMEWORK STEP 7: SIGNIFICANCE OF THE STUDY STEP 8: SCOPE AND LIMITATION  <b>CHAPTER 2: REVIEW OF RELATED LITERATURE</b>  <b>CHAPTER 3: METHODOLOGY</b> STEP 1: DISCUSSING THE SELECTED RESEARCH DESIGN STEP 2: IDENTIFY YOUR DATA SOURCES STEP 3: SAMPLING OF PARTICIPANTS AND OTHER DATA SOURCES STEP 4: DESCRIBE THE STUDY SETTING STEP 5: DISCUSS THE DATA COLLECTION PROCEDURE STEP 6: SETTING UP ETHICAL CONSIDERATIONS STEP 7: METHODS OF DATA ANALYSIS STEP 8: ENSURING TRUSTWORTHINESS  <b>CHAPTER 4: RESULTS AND DISCUSSION</b> STEP 1: ORGANIZATION AND DOCUMENTATION OF RAW DATA STEP 2: RAW DATA ANALYSIS STEP 3: PRESENTATION AND DISCUSSION OF DATA STEP 4: VISUAL PRESENTATION OF DATA  <b>CHAPTER 5: SUMMARY, CONCLUSIONS AND RECOMMENDATIONS</b> STEP 1: WRITE THE SUMMARY STEP 2: DISCUSS THE CONCLUSION STEP 3: FORWARD YOUR RECOMMENDATIONS
Day 3 10:00-12:00 nn	

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Day 3 1:00 – 5:00 pm	<b>Workshop</b> <ul style="list-style-type: none"><li>I. Sample Group Presentation</li><li>II. Panels Evaluation with Process Oriented Research Writing Rubrics</li><li>III. Panels Comments and Suggestions</li><li>IV. Closing Remarks, Awarding of Certificates to Guest Speakers and Distribution of Certificates to Participants.</li></ul>
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