

## Project Development

### Module 1

#### Let's Do It

Find out an example of research topic which can be studied using each of following methods.

1.Descriptive	
2.Experimental	
3.Correlational	
4.Historical	
5.Explanatory	
6.Ex-Post Facto	
7.Ethnographic	
8.Exploratory	

#### Let's do It

List down five topics you are interested to study in your area/field of specialization. Rank them from one (1) to five (5). Write down at least five reasons why you want to study the topic you ranked first. Use the template below.

1.
2.
3.
4.
5.

#### Let's do it

If you make your thesis proposal, how you will conduct it? Make a process using your own flowchart

#### VII. SELF-EVALUATION:

Supply the statement below to assess what you learn in this module.

1. In your own words, research is....
2. What research which you think is applicable to your field. Explain briefly.
3. Steps in conducting research is vital because...

PRE-ASSESSMENT: Fill-in the opposite column in the table below.

I will conduct research because	
The type/s of research that I know is/are	
The first thing to do in conducting research is to	

POST-TEST:

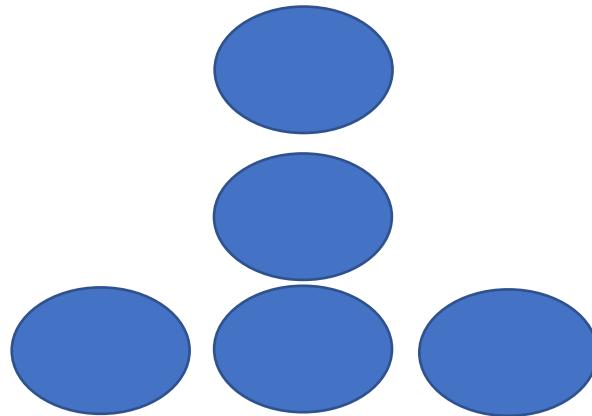
In your own words, answer the following questions briefly.

1. What is research?
2. What are the types of research based on the following classificatory schemes?
  - 2.1 based on who does the study
  - 2.2 based on the application of the results of the study
  - 2.3 based on methodology or purpose of the study
  - 2.4 based on the type of data sought
3. What are the sequential steps in the research process? What are the activities a researcher has to undertake in each of these steps?

Module 2

Let's Do it

Using the semantics web, enumerate the importance of conducting a literature review.



VII-Self Evaluation : in your own words define the following terms.

Review of related literature



#### PRE-ASSESSMENT.

Answer briefly.

1. How important is the review of the literature in research?
2. What do you think is/are the strategy/ies in writing the literature review?
3. If you are to outline the steps of writing the literature review, how you will do it?

#### POST-TEST:

Answer the following questions briefly.

1. Why there is a need for a researcher to conduct the review of literature and studies?
2. What are the requirements for doing the review of literature?
3. What are the guidelines that a researcher has to consider when reviewing the literature?

#### Module 3

##### Let's Do it

List 5 possible research problem you want to address. Focus in your area or field of interest.

- 1.
- 2.
- 3.
- 4.
- 5.

##### Justifying The Research Problem

Having defined clearly the problem of the study, the researcher's next task is to justify why he selected it over other probable ones. To justify your study on a problem, try to answer the following questions:

1. Does the problem require immediate solution?
2. Is it widespread?
3. Does it affect a number of people? If yes, in what way?

4. Who shall benefit from the study of the problem?
5. What benefits can be derived from the study on the problem?
6. Who else are interested in studying the problem?
7. What contribution to human knowledge can it bring about?

#### VII - SELF-EVALUATION:

To assess your leaning in this module, provide what are asked. If you are going to conduct research, what research problem/s will you seek to answer? Consider the types of research below and write your answer on the opposite column.

Descriptive Research	
Relationship Research	
Difference Research	

#### POST TEST:

Answer the following questions briefly.

1. What are the factors to be considered in the choice of a research problem?
2. What must be considered in stating the research problem?
3. Why must a researcher give his study a title?

#### Module 4

##### Let's Do it

Formulate your conceptual framework based on your theoretical framework

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## VII Self Evaluation

To assess your learning in this module, provide what is asked

Using Venn diagram differentiate theoretical from conceptual framework

Pre-Assessment : Provide what are being asked.

<u>A Research framework is important because...</u>		

POST TEST: Answer the following questions briefly.

1. What is the relationship of theoretical framework and conceptual framework in research?
2. How should the theoretical framework of a study be developed?
3. How should the conceptual framework be formulated?

## Module 5

### Lets Do it

- A. What is your main problem in your proposal research?
- B. What are the sub- problems you are going to answer?

### Lets do it

Based on your sub problems in B, Identify and describe the data you need to gather to answer each of them follow your number sequence in B.

On the basis of oyur answer in B and C, what research design should you use?

Based from your identified main problem and sub-problems in the previous exercise, craft a research question that need to be answered.

1.
2.
3.
4.
5.

### VII Self Evaluation.

1.The basic purposes of research design are:

1.
2.
3.
4.
5.

2. The factor a researcher has to consider in the choice of an appropriate research design are as follows:

1.
2.
3.
4.
5.

#### Pre-Assessment

The purpose why I will conduct research is ...	Appropriate research design is important in order .....	Align design according to the area of specialization of the researcher will....

#### Post Test

1. When are the following research design appropriate to use?

1.1 Ethnographic
1.2 Experimental
1.3 Explanatory
1.4 Exploratory
1.5 Historical
1.6 Evaluation
1.7 Policy
1.8 Ex-post facto
1.9 Action Research

1.10 Correlational

1.11 Quantitative

1.12 Qualitative

Module 6

Lets Do it

From your identified research problem describe now your participants applicable to your study.

Let's do it

Now craft a research design based from your identified problem

VII- Self Evaluation

Sampling size will be determined through...

Factors to be considered in determining appropriate sampling size are....

An interview guide is ...

PRE-ASSESSMENT. Answer the following questions briefly.

1. How important is selecting participants in conducting a research study?
2. Why is there a need to select only number of participants to be included in the conduct of research?
3. Why Validity and reliability are needed to be considered in the conduct of research?

POST TEST: Answer the questions briefly.

1. How will you draw out your samples? What sampling strategy will you use?
2. What kind of data will you be collecting in your proposed study?
3. How will you format your data for analysis?

Module 7

Let's do it!

Kind of Data to Collect. What kind of data will you collect for your proposed research? Identify the specific qualitative or quantitative data you will gather for each of your specific research problems.

Let's do it!

Method of Analysis To Employ. What method of qualitative or quantitative method analysis will you use with your data?

VII-SELF-EVALUATION: Supply the statements below to assess your understanding in this module.

differentiate quantitative from qualitative data.	The data presented in qualitative and quantitative researchers are....	Statistical tool is needed in interpreting data because...
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PRE-ASSESSMENT: Answer the following questions briefly.

1. How a qualitative data will be interpreted?

2. How a quantitative data will be interpreted?
3. What is the main reason why a data will be interpreted?

POST-TEST: Answer the questions briefly.

- 1.What purposes are served by the analysis of research data?
2. What functions are served by statistics in quantitative data analysis?
3. How are data presented in qualitative and quantitative researches?

Module 8

Let's Do it

Identify the statistical tool to be used in your proposed study. Justify why such tool is to be considered.

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Let's Do it

Make an outline of the ideas you will present in your proposed research project, based on the guidelines for writing the research proposal. Please follow the following format in presenting your outline.

1. Title of the Study
2. The Problem and Its Background
3. Review of Related Literature and Studies
4. Methods and Procedures
5. Bibliography
6. Curriculum Vitae

VII-SELF-EVALUATION: Assess yourself on your understanding on this module.

Concrete statistical tools to be used in research will	What is research abstract?	Writing a research proposal...
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PRE-ASSESSMENT: Answer the following questions briefly.

1. What statistical tool which is applicable to your research proposal?
2. What you will do first when you will write a research proposal?
3. How you will prepare yourself in the conduct of proposal defense?

POST-TEST: Answer briefly the following questions.

1. What is a research proposal?
2. What are the characteristics of a research proposal?
3. What are the guidelines that you have to follow in writing the major parts of a research proposal?