

“ It is important to consider that the research topic should be in line of interest of the researcher. The research problem is an area of concern within the selected topic where there is a gap in knowledge. Research data is available and Accessible. ”

CENTER FOR RESEARCH, INNOVATION & DATA MANAGEMENT

To pursue the university's commitment to quality, the Center for Research Innovation & Data Management of the Lyceum of the Philippines University, has become the vital instrument in achieving the mission – vision of the university through institutionalizing research and strengthening the research culture and capability.

The center aims to institutionalize research by doing the following functions:

- *implement a sustainable research program for the institution as specified in the 5 year development plan;*
- *continuously serve as the central coordinating body which regulates, supervises, controls, evaluates and monitors the school's researches and recommends for dissemination and utilization;*
- *provide training and exposure for development to enhance research capability of school researchers;*
- *facilitate linkages with other institutions and find means to improve research capability, productivity, dissemination and utilization of research outputs;*
- *provide statistical services for student and faculty researchers.*



Selecting Appropriate Research Problems

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CENTER FOR RESEARCH
INNOVATION & DATA
MANAGEMENT



RESEARCH PROBLEM

GAP IN KNOWLEDGE

The research problem is an area of concern within the selected topic where there is a gap in knowledge

MOTIVATION FACTOR

It provides the motivating factor for the research objectives to be answered in the research. It is the jump-off point, the basis and the guide of the researcher in formulating the specific research objectives.

SIGNIFICANCE

It can also provide the basis for the significance of the research project. The research problem should be part of the background information provided by the researcher, when writing-up the Introduction

INSTITUTIONAL RESEARCH AGENDA for Academic Year 2020-2021

I. Institutional Research

A. Organizational Effectiveness / Performance Excellence/ Policy and Plan Formulation

1. Organizational Learning and Innovation

B. Internationalization and Innovation in Education

1. Technology Enabled Education
2. Linkages and Industry-Based Studies
3. Curriculum Enhancement and Reforms
4. Correlation Studies of Academic Performance and Student Achievement ^[1]
5. Assessment of Student Outcomes and Program Educational Objectives ^{[2][3]}

II. Multidisciplinary Collaborative Research ^[7]

A. Environment and Social Involvement Inclusive Innovation

1. Environmental Issues, Climate Change Mitigation and Adaptation ^[4]
2. Sustainable Community & Corporate Social Responsibility ^{[5][6]}
3. Disaster Management/ Risk Management
4. Health service delivery & Health Resiliency ^[6]
5. Mental Health Awareness
6. Healthcare practices and its socio-environmental impact

III. Discipline Based Researches

A. Arts and Sciences Researches

1. Environmental Consciousness, Climate Change Mitigation and Adaptation ^[6]
2. Policies and Practices on Public Safety and Management ^[6]
3. Crime Causation and Prevention
4. Criminal Justice Trends, Issues and Challenges

B. Allied Health Researches

1. Health technology development,
2. Disaster Risk Reduction for Health
3. Healthcare practices in Dental Medicine and its socio-environmental impact
4. Evidence-based Nursing Practice
5. Emerging and Re-emerging Diseases
6. Health technology development as applied in laboratory medicine, rehabilitation sciences, pharmaceutical sciences and medical imaging practices, health information system ^[8]
7. Healthcare practices and its socio-environmental impact

C. Business Researches

1. Social Entrepreneurship and Marketing
2. Human Resource Management and Business Development
3. Technology and Innovation in Agri-Tourism and Hospitality Industry
4. Practices /Innovation in the Tourism and Industry

D. Engineering and Technology Researches

1. Systems and Emerging technologies for Human Environmental Health
2. Manufacturing and Engineering Design
3. Product Development and Commercialization
4. Alternative Energy Research Trends ^[5]
5. Discipline-based technical Research

E. Maritime

1. Vessel Traffic Management
2. Adherence to Maritime Laws
3. Issues on Safety Management and Maritime Policies & Training
4. Compliance on MARINA Monitoring ^[9]

IV. New Normal Challenges, Adaptation, and Innovation ^[10]

A. Process-focused Researches

1. Pedagogy
2. Delivery
3. Assessment/Analysis

B. Environment -focused Researches

1. Virtual School
2. Virtual Laboratory
3. Learning Space

C. Resource-focused Researches

1. Machinery (Technology)
2. Methods

CONSIDERATION IN CHOOSING A TOPIC:

Interest, background and qualification of the researcher

Relevance

Avoidance of Duplication

Feasibility

Applicability of possible results and recommendations

Urgency of the data needed

Ethical Acceptability



INSTITUTIONAL RESEARCH

The research utilized an institutional data of the university which are limited in scope involving the institution or departmental processes.



DISCIPLINE BASED RESEARCH

This study explores on testing empirical data grounded on the concepts, principles and theories of the specific discipline or field of the study. The scope might have provincial and national/international impact.



MULTIDISCIPLINARY COLLABORATIVE RESEARCH

The study applies concepts and principles from two or more disciplines. This provides opportunity for research collaboration have the objective of the research is wider in scope and impact involving provincial, regional, national and international data and participants.