



## TRAINING/WORKSHOP/ORIENTATION PROPOSAL

**Title** : "Trends in Soft Matter Research and Applications"

**Participants** : BS Applied Physics Students, Interested VSU Students and Faculty, and Other Participants

**Date and Time** : 9:00 A.M. – 12:00 P.M.  
1:30 P. M.- 4:00 P. M.  
February 4, 2022 (Friday)

**Venue** : ZOOM

### Rationale

Soft matter deals with materials that are easily deformed by thermal fluctuations and external forces (van der Gucht, 2018). These materials are found to behave differently from ordinary solids and liquids. Typical soft matter materials include colloids, polymers, surfactants, gels, among others.

Over the years, these materials have played an important role in a wide range of applications, such as structural and packaging materials, cosmetics, paints, food additives, lubricants, among others. In addition, many soft materials have shown promise in multiple biomedical applications, including tissue engineering, regenerative medicine, and drug delivery (Rodrigues et al., 2021), because of the qualities of soft matter, which are known to control the structure and dynamics of these materials. However, not all have the opportunity to learn and listen about some of the recent soft matter researches and applications.

Thus, symposium on the trends of soft matter research and applications is necessary. The symposium will introduce the participants to some of the recent research and developments of soft matter and contribute to improving their knowledge and understanding of soft matter.

### Objectives

At the end of the training, participants will be able to:

1. Enhance their knowledge and understanding of soft matter;
2. Learn applicable techniques and tools to investigate soft materials; and
3. Meet experts in the given field.

### Methodology/Strategy

Discussion of topics on trends in soft matter researches and applications.

### Resources Needed:

The resources needed in this webinar are the following:

- 1) internet connectivity
- 2) laptop/computer
- 3) Zoom platform
- 4) Resource Speakers

**Expected Outcome:**

Participants are expected to actively interact in the symposium on trends of soft matter researches and applications. Takedown notes for future reference and apply them in their respective research endeavors and instruction.

**Estimated Budget:**

Particulars	Cost in peso (Php)
Prizes (PhP 1000.00)	1000.00
Plaques (PhP 1500.00 per speaker x 6)	9000.00
Supplies and Materials (e.g., certificates, program, among others)	2000.00
Snacks (PhP 60.00 per head x 30 participants x 2 (A. M. and P. M.))	3600.00
Lunch (PhP 200.00 per head x 30 participants)	6,000.00
<b>TOTAL</b>	<b>PhP 21,600.00</b>

Prepared by:

Availability of funds:

  
**REV RHIZZA L. AURE**Head, DPhys and  
Project Leader, MCPO Project**LOUELLA C. AMPAC**

Director of Finance

Noted:

**MA. THERESA P. LORETO**

Dean, CAS

Recommending Approval:

**ROSA OPHELIA D. VELARDE**

Director for Research

Recommending Approval:

**MARIA JULIET C. CENIZA**

VP for Research, Extension, and Innovation

Approved:

**EDGARDO E. TULIN**

President

**Vision:**

A globally competitive university for science, technology, and environmental conservation.

**Mission:**

Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.