



## **TRAINING/WORKSHOP/ORIENTATION PROPOSAL**

**Title: Training-Seminar on Chemical Waste Management and Safety in Chemical Laboratory**

**Participants: DoPAC Faculty, Laboratory/Chemical Technicians, Researchers, Research Assistants/Aides, Laboratory Instructors, BSChem students, and other interested parties of the VSU Main and External Campuses**

**Date: October 27, 2023 @ 9:00 AM to 5:00 PM (Friday)**

**Venue: Science Lecture Hall (SLH)**

### **Rationale**

The Department of Pure and Applied Chemistry has been doing research and extension activities to deliver impactful outputs relating to the university's core functions. One of these activities includes the regular conduct of a training-seminar on chemical safety in chemical laboratories, which introduces the proper storage, handling, disposal of hazardous wastes, and chemical emergency response.

This activity is an offshoot of CHED RQAT's recommendation to conduct training and seminars on chemical safety for VSU constituents. Thus, this activity will support the DoPAC and the VSU Graduate School's application for the CHED Certificate of Program Compliance (COPC) to offer MS Chemistry. With this, we strongly propose the conduct of a training-seminar on Chemical Waste Management and Safety in Chemical Laboratory.

The proposed activity aims to (1) provide the VSU laboratory technicians, researchers, faculty, and students with knowledge in securing a safer environment while performing their respective tasks in any chemical laboratories and (2) heighten each individual's awareness of laboratory safety policies and guidelines on proper storage, handling, and waste disposal management.

Moreover, as one of the academic and research units of the university, we at the Department of Pure and Applied Chemistry envision building a waste disposal facility and conducting the aforementioned activity will serve as our stepping stone to achieving this long-term goal.

### **Objectives:**

At the end of the training-seminar, the participants are expected to:

1. Identify the proper storage, handling, disposal, transport, and treatment of chemicals and hazardous wastes;
2. Familiarize the guidelines on laboratory safety protocols in academic and research institutions;
3. Conceptualize a chemical emergency plan.

## Methodology/Strategy

The proposed training-seminar is a 1-day activity designed for the participants to gain knowledge on the basic safety protocols in working inside a chemical laboratory. The resource speakers will present and discuss topics on (1) Guidelines for Chemical Laboratory Safety in Academic Institutions; (2) Chemical Hygiene, Safety, and Handling; (3) Proper Storage, Labelling, and Arrangement of Stored Chemicals; and (3) Hazardous Waste Management and Spill Control Response. A moderator will be assigned to facilitate the open forum of each topic/discussion. Icebreakers and/or games will be given in between topics to energize the participants.

The activity will be concluded with the giving of the certificates/tokens for the resource speakers.

## Resources Needed

- Office supplies
- AV equipment (Sound System, Camera etc.)
- Laptop
- DLP Projector with screen
- Tarpaulin
- Internet Connection
- Food/snacks

## Expected Outcome:

1. Updated DoPAC Laboratory Safety Manual
2. Compliant to CHED requirements for MS Chemistry Program (and BS Chemistry)
3. Improved Safety Protocols in DoPAC Laboratories and/or other VSU laboratories.

## Estimated Budget:

Particulars	Cost in pesos (Php)
Professional fee, including tokens for the speakers	10,000.00
Morning and afternoon snacks for 100 participants and facilitators @ Php80.00 each	16,000.00
Lunch for the 100 participants and organizers @ 200	20,000.00
Office Supplies (certificate holder for speakers etc.)	1,500.00
Miscellaneous (tarpaulin printing, etc.)	1,000.00
<b>TOTAL</b>	<b>Php 48, 500.00</b>

Prepared by:

  
**ALLAN A. RAMAL**

Chair, Laboratory Management Committee

Approved by:

  
**ELIZABETH S. QUEVEDO**

Head, DoPAC

Availability of funds:

  
**ALICIA S. FLORES**


Head, Budget Office

*changed to STFF/IGF*

Noted by:

  
**MA. THERESA P. LORETO**  
Dean, CAS 616 OCT 12 2023

Recommending Approval:

  
**BEATRIZ S. BELONIAS**  
VP for Academic Affairs

Approved:

  
**EDGARDO E. TULIN**  
President 016 10/27/23





**VISAYAS**  
STATE UNIVERSITY

DEPARTMENT OF

**PURE AND APPLIED CHEMISTRY**

**Training on Chemical Waste Management and Safety in the Chemical Laboratory**

**OCTOBER 27, 2023**

**Morning Session**

9:00 AM – 9:30 AM

Invocation  
National Anthem  
Welcome Remarks  
Overview

**PROGRAM OF ACTIVITIES**

Opening Program  
AVP  
AVP

Mr. Allan A. Ramal  
Chairperson, Laboratory Management Committee

9:31 AM – 10:30 AM

**Guidelines for Chemical Laboratory Safety in Academic Institutions**

Speaker 1: Ms. Mary Annilyn V. Cabalhin (to confirm)

10:31 AM – 10:35 AM

Ice Breaker/Online Game

10:36 AM – 11:35 AM

**Chemical Hygiene, Safety, and Handling**

Speaker 2: Ms. Renee Rose Casinillo (to confirm)

11:36 AM – 12:00 NN

Open Forum

12:00 NN – 1:00 PM

Moderator: Vivian P. Lina, Faculty, DoPAC

Lunch break

**Afternoon Session**

1:00 PM – 2:00 PM

**Proper Storage, Labelling, and Arrangement of Stored Chemicals**

Speaker 3: Mr. Mark Ryan R. Tripole

2:01 PM – 2:15 PM

Ice Breaker/Online Game/Coffee Break

2:16 PM – 3:30 PM

**Hazardous Waste Management and Spill Control Response**

Speaker 4: Mr. David Winston W. Tabada

3:31 PM – 4:00 PM

Open Forum

Moderator: Ms. Jailenn Jannaraine S. Puray, Faculty, DoPAC

4:01 PM – 5:00 PM

Closing Program

Giving of Certificates for the Speakers

Closing Remarks Dr. Elizabeth S. Quevedo, Head, DoPAC

VSU Hymn

Mr. John Louise R. Cabal & Ms. Angelica C. Managbanag  
Masters of Ceremony

**DEPARTMENT OF PURE AND APPLIED CHEMISTRY**

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