



## TRAINING/WORKSHOP/ORIENTATION PROPOSAL

**Title** : "Seminar- Workshop on Metrology and Calibration"  
**Participants** : DPhys Faculty and Staff, and interested VSU Employees  
**Date** : June 23-24, 2022 (Thursday and Friday)  
**Venue** : Face-to-Face (Department of Physics located at the 1<sup>st</sup> Floor of the Old Library Bldg., VSU)

### Rationale

The laboratory is one of the essential learning environments to carry out practical experiments and apply the concepts, principles, and theories learned from the lectures. It is known as the heart of any scientific investigation. In the laboratory, teachers, researchers, laboratory technicians/ aides, and students used instruments/ equipment to take measurements to carry a scientific investigation. However, quality measurements in the laboratory are often taken for granted and misunderstood despite their paramount importance. In addition, many of the instruments/ equipment in the laboratory are uncalibrated.

In order to ensure we obtain quality measurements from our experiments and the tools that we used in performing the experiments in the laboratory are calibrated, a seminar/ workshop in metrology and calibration is necessary. The seminar/ workshop will be key to achieving reliable results when performing experiments. In addition, the seminar/ workshop will also help ensure that the instruments/ equipment in the laboratory meets the quality requirements in measurement and calibration.

### Objectives

At the end of the seminar/ workshop, participants will be able to:

1. Gain knowledge on metrology;
2. Learn the importance calibration of instrument/ equipment; and
3. Improve their measurement and calibration skills.

### Methodologies/Strategies

1. Discussion of topics on metrology and calibration.
2. Hands-on activities on metrology and calibration.

### Resources Needed:

The resources needed in this seminar/ workshop are the following:

- 1) internet connectivity
- 2) laptop/computer
- 3) Resource Speaker/s (DOST Region VIII RSTL)

### Expected Outcome:


Participants are expected to actively interact in the seminar/ workshop on metrology and calibration. Takedown notes for future reference and applies them in their respective research endeavors and instruction.

### Estimated Budget:

Particulars	Cost in peso (Php)
Supplies and Materials (e.g., certificates, program, among others)	PhP 2000.00
Plaque of Appreciation (Resource Speaker: DOST Region VIII RSTL)	PhP 1500.00
Snacks (20 pax x 2 (AM and PM) x 2 days x P60.00 (June 23- 24, 2022)*)	PhP 4,800.00
Lunch (20 pax x 2 days x P150.00)	PhP 6,000.00
Board and Lodging (2 days)/ PhP 1, 500.00 per day (2 Resource Persons)	PhP6, 000.00
<b>TOTAL</b>	<b>PhP 20, 300.00</b>

\* Expected participants= 20; Number of Resource Persons= 2

Prepared by:

  
**REV RHIZZA L. AURE**  
Head, DPhys

Availability of funds:


  
**LOUELLA C. AMPAC**  
Director of Finance

\* P50/ only per OP Cir. No. 54 s-2021

Noted:

  
**MA. THERESA P. LORETO**  
Dean, CAS

Recommending Approval:

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

Approved:

  
**EDGARDO E. TULIN**  
President



## PROGRAM OF ACTIVITIES

### SEMINAR-WORKSHOP ON METROLOGY AND CALIBRATION

DAY 1: JUNE 23, 2022 (THURSDAY)		
TIME	TOPICS/ACTIVITIES	
9:00 AM	INTRODUCTION VIDEOS  PRAYERS  NATIONAL ANTHEM	AVP
9:15 AM	WELCOME MESSAGE	Dr. Beatriz S. Belonias  VP for Academic Affairs
9:20 AM	INTRODUCTION OF THE RESOURCE PERSON/S	Dr. Rev Rhizza L. Aure  DPhys, Head
9:25 AM	INTRODUCTION TO METROLOGY	Engr. Marcelino Nicer Jr.  DOST Region VIII RSTL
10:45 AM	OPEN FORUM	Engr. Jeffrey Loyd L. Cagande  Moderator
12:00 NOON	LUNCH BREAK	
1:30 PM	RECAP OF DAY 1 (AM SESSION)	Engr. James Roy P. Lesidan
1:46 PM	VERIFICATION OF LABORATORY INSTRUMENTS	Engr. Marcelino Nicer Jr.  DOST Region VIII RSTL
4:00 PM - Onwards	OPEN FORUM	
MASTER OF CEREMONY		
MS. FLORENCE ADELYN A. CASTIL		
DAY 2: JUNE 24, 2022 (FRIDAY)		
TIME	TOPICS/ACTIVITIES	
9:00 AM	RECAP OF DAY 1 (PM SESSION)	Mr. Dheyvid C. Facundo
9:15 AM	WORKSHOP (HANDS-ON ACTIVITIES)	Engr. Marcelino Nicer Jr.  DOST Region VIII RSTL
10:30 AM	OPEN FORUM	Prof. Marlon F. Sacedon  Moderator
12:00 NOON	LUNCH BREAK	
1:30 PM	WORKSHOP (HANDS-ON ACTIVITIES) CONTINUATION	Engr. Marcelino Nicer Jr.  DOST Region VIII RSTL

3:31 PM	OPEN FORUM	<b>Dr. Rev Rhizza L. Aure</b> <i>Moderator</i>
3:45 PM	AWARDING OF CERTIFICATES	
4:00 PM	CLOSING MESSAGE	<b>Dr. Ma. Theresa P. Loreto</b> <i>Dean, CAS</i>
4:15 PM- Onwards	VSU HYM	
<b>MASTER OF CEREMONY</b>  <b>MS. FLORENCE ADELYN A. CASTIL</b>		