



**SEMINAR – WORKSHOP**  
"Green Chemistry in the Context of K to 12 Science Curriculum"

**(Chapter Reorganizational Meeting)**

Convention Hall, New Building and  
Chemistry Laboratory (4th Floor), Omer Hall  
Notre Dame of Marbel University, Koronadal City  
January 31, 2015

**Rationale**

Green chemistry initiative promotes the design and application of chemical products and processes that are compatible with human health and that preserve environment. The areas in which the principles of green chemistry can operate to improve environmental quality include choices of solvents and reagents for chemical reactions, development of alternative processes, and improvements in existing systems and practices.

Considering green chemistry initiative in the K to 12 science curriculum is cognizant to the curriculum's goal of developing scientifically, technologically, and environmentally literate individuals who manifest skills as responsible stewards of nature, innovative and creative citizens, and informed decision makers.

**General Objectives**

- To introduce the green chemistry initiative in the teaching and learning chemistry under the K to 12 science curriculum;
- To train science teachers to improvise and utilize locally and commercially available materials for use in scientific experiments; and
- To elect area representatives for the various districts/provinces of the Philippine Association of Chemistry Teachers (PACT) – Cotabato Chapter

**Participants**

- Elementary and high-school science teachers, not more than five (5) per school
- Interested pupils and students, not more than ten (5) per school

**Registration Fee**

- PHP 800 for teachers
- PHP 500 for pupils and students

The registration fee will cover two snacks, certificate, honoraria, laboratory materials, and the seminar kit.

**Deadline of Confirmation of Participation (SMS or E-mail):** January 29, 2015

**PROGRAMME**

**Part I**

Venue: Convention Hall, New Building

7:30 – 8:30 AM  
8:30 – 9:00

Registration  
Opening Program / Orientation  
Prayer  
National Anthem  
NDMU Hymn  
Opening Remarks  
Welcome Message  
On NDMU's "Green University"

9:00 – 10:00

Lecture 1

"The Principles and Applications of Green Chemistry"

10:00 – 10:15

Health Break

10:15 – 11:15

Lecture 2  
"Green Chemistry in the Context of K to 12 Science Curriculum"

11:15 – 11:45

Open Forum

11:45

Lunch Break

**Part II**

1:00 – 1:30 PM

Election of Area Representatives  
Convention Hall, New Building

1:30 – 4:00

Improvisation and Utilization of locally and commercially available materials for scientific experiments  
(Chemistry Laboratory (4<sup>th</sup> Floor), Omer Hall)  
Health Break  
Distribution of Certificates

4:00 – 4:15  
4:00 – 4:30

**Contact Information**

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