



RESEARCH APPROVAL SHEET
2nd Semester 2021-2022

**"COMPARISON OF GENERATED DATA FROM AB INITIO AND SEMI-EMPIRICAL
METHODS IN ASSESSING REACTIVITIES OF VARIOUS BUTYL CHLORIDES"**

Title of thesis

☐

Proposal / Outline

☒

Manuscript

NAME OF STUDENT : ELBEN A. NEGAD JR.

Degree Program : Bachelor of Science in Chemistry

APPROVED : KEVIN NICK S. BANDIBAS

Adviser

July 18, 2022
Date

REVIEWED : Student Research Committee:

Jacob Glenn F. Jansalin
JACOB GLENN F. JANSALIN

Chairperson

July 14, 2022
Date

Yhena L. Bandibas
YHENA L. BANDIBAS

Member

July 13, 2022
Date

APPROVED:

Elizabeth S. Quevedo
ELIZABETH S. QUEVEDO

Head, DoPAC

July 15, 2022
Date

MA. THERESA P. LORETO

Dean, CAS

Date



VISAYAS
STATE UNIVERSITY



**DEPARTMENT OF PURE
AND APPLIED CHEMISTRY**

Visca, Baybay City, Leyte, PHILIPPINES

Telefax: (053)563-7747

Email: dopac@vsu.edu.ph

Website: www.vsu.edu.ph

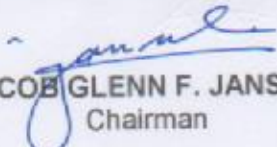
TRANSMITTAL

The undergraduate thesis/special problem/apprenticeship report/engineering project report/case study attached hereto entitled, "COMPARISON OF GENERATED DATA FROM AB INITIO AND SEMI-EMPIRICAL METHODS IN ASSESSING REACTIVITIES OF VARIOUS BUTYL CHLORIDES" prepared and submitted by ELBEN A. NEGAD JR. in partial fulfillment of the requirements for the degree of Bachelor of Science in Chemistry is hereby accepted.

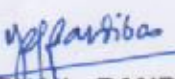

KEVIN NICK S. BANDIBAS
Adviser

Date

Student Research Committee:


JACOB GLENN F. JANSALIN
Chairman

Date

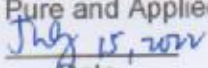

YHENIA L. BANDIBAS
Member

Date

Accepted as partial fulfillment of the requirements for the degree of
BACHELOR OF SCIENCE IN CHEMISTRY.


ELIZABETH S. QUEVEDO
Head

Department of Pure and Applied Chemistry


July 15, 2011
Date

MA. THERESA P. LORETO
Dean
College of Arts and Sciences

Date



VISAYAS
STATE UNIVERSITY



**DEPARTMENT OF PURE
AND APPLIED CHEMISTRY**
Visca, Baybay City, Leyte, PHILIPPINES
Telephone: 053-563-7747
Email: dopac @vsiu.edu.ph
Website: www.vsiu.edu.ph

UNDERGRADUATE RESEARCH PROPOSAL/MANUSCRIPT ROUTING SLIP

2nd Semester AY 2021 - 2022

☐

Proposal / Outline

☒

Manuscript

Name: ELBEN A. NEGAD JR. **Course and Year:** BS Chemistry 4 **Major Field:** _____

Title of thesis/special problem/engineering project report/case study: "COMPARISON OF GENERATED DATA FROM AB INITIO AND SEMI-EMPIRICAL METHODS IN ASSESSING REACTIVITIES OF VARIOUS BUTYL CHLORIDES"

Name		REVIEWS/COMMENTS			
		1 st	2 nd	3 rd	4 th
KEVIN NICK S. BANDIBAS Adviser	Received	Date: <u>July 9, 2022</u> Comments: _____			
	Returned	Date: <u>July 19, 2022</u> Comments: _____	<u>July 15, 2022</u>		
	Signature	<u>[Signature]</u>	<u>[Signature]</u>		
YHENA L. BANDIBAS SRC Member	Received	<u>July 9, 2022</u>			
	Returned	<u>July 13, 2022</u>			
	Signature	<u>[Signature]</u>			
JACOB GLENN F. JANSALIN SRC Chairperson	Received	<u>July 14, 2022</u>			
	Returned	<u>July 14, 2022</u>	<u>July 14, 2022</u>		
	Signature	<u>[Signature]</u>	<u>[Signature]</u>		

Vision:
Mission:

A globally competitive university for science, technology, and environmental conservation.
Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

ELIZABETH S. QUEVEDO Head, DoPAC	Received	7/14/2022	7/15/2022	
	Returned	7/15/2022	7/15/2022	
	Signature	<i>[Signature]</i>	<i>[Signature]</i>	
MA. THERESA P. LORETO Dean, CAS	Received			
	Returned			
	Signature			

Note:

- (1) Add a row next to the Adviser if there is a Co-Adviser
 (2) Add additional columns if more reviews are needed

Vision:
Mission:

A globally competitive university for science, technology, and environmental conservation
 Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.



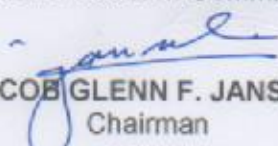
TRANSMITTAL

The undergraduate thesis/special problem/apprenticeship report/engineering project report/case study attached hereto entitled, "COMPARISON OF GENERATED DATA FROM AB INITIO AND SEMI-EMPIRICAL METHODS IN ASSESSING REACTIVITIES OF VARIOUS BUTYL CHLORIDES" prepared and submitted by ELBEN A. NEGAD JR. in partial fulfillment of the requirements for the degree of Bachelor of Science in Chemistry is hereby accepted.

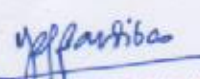

KEVIN NICK S. BANDIBAS
Adviser

Date

Student Research Committee:

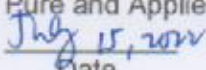

JACOB GLENN F. JANSALIN
Chairman

Date


YHENA L. BANDIBAS
Member

Date

Accepted as partial fulfillment of the requirements for the degree of
BACHELOR OF SCIENCE IN CHEMISTRY.


ELIZABETH S. QUEVEDO
Head
Department of Pure and Applied Chemistry

Date

MA. THERESA P. LORETO
Dean
College of Arts and Sciences

Date