



RESEARCH APPROVAL SHEET

2nd semester AY 2021 - 2022

**"Phytochemical Screening And Chromatographic Characterization Of Crude
Ethanollic Leaf Extracts Of Pagatpat (Sonneratia alba J. Smith)"**

Title of Thesis

☐ Proposal / Outline

☒ Manuscript

NAME OF STUDENT : Hanna A. Matuguina

Degree Program : Bachelor of Science in Chemistry

Major Field : _____

APPROVED : ALLAN A. RAMAL Adviser

7/14/22
Date

REVIEWED : Student Research Committee:

HELEN GRACE F. ORACION Chairperson

Date

JACOB GLENN F. JANSALIN Member

7/14/22
Date

APPROVED: ELIZABETH S. QUEVEDO Department Head

July 15, 2022
Date

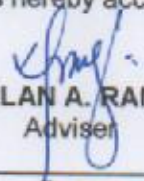
MA. THERESA P. LORETO College Dean

Date



TRANSMITTAL

The undergraduate thesis attached hereto entitled, **"PHYTOCHEMICAL SCREENING AND CHROMATOGRAPHIC CHARACTERIZATION OF CRUDE ETHANOLIC LEAF EXTRACTS OF PAGATPAT (*Sonneratia alba* J. SMITH)"** prepared and submitted by **HANNA ARCELO MATUGUINA** in partial fulfillment of the requirements for the degree of **BACHELOR OF SCIENCE IN CHEMISTRY 2nd semester AY 2021 - 2022** is hereby accepted.

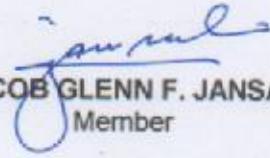

ALLAN A. RAMAL
Adviser

Date

Student Research Committee:

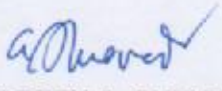

HELEN GRACE F. ORACION
Chairman

Date


JACOB GLENN F. JANSALIN
Member

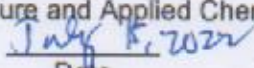
Date

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 8, 2022
Date

MA. THERESA P. LORETO

Dean

College of Arts and Sciences

Date



VISAYAS
STATE UNIVERSITY



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UNDERGRADUATE RESEARCH PROPOSAL/MANUSCRIPT ROUTING SLIP
2nd Semester AY 2021 - 2022

☐ Proposal / Outline ☒ Manuscript

Name: HANNA A. MATUGUINA

Course and Year: BS CHEMISTRY 4

Major Field: CHEMISTRY

Title of thesis/special problem/engineering project report/case study: "PHYTOCHEMICAL SCREENING AND CHROMATOGRAPHIC CHARACTERIZATION OF CRUDE ETHANOLIC LEAF EXTRACT OF *Sonneratia alba* (J. SMITH)"

Name		REVIEWS/COMMENTS			
		1 st	2 nd	3 rd	4 th
ALLAN A. RAMAL Adviser	Received	July 12, 2022	July 14, 2022 9:50am		
	Returned	July 13, 2022 w/ major changes: revisions.	July 14, 2022 10pm change - approved.		
	Signature				
JACOB GLENN F. JANSALIN SRC Member	Received	July 14, 2022	July 14, 2022 10:15am	July 14, 2022	
	Returned	July 14, 2022	July 14, 2022 1:15pm	July 14, 2022	
	Signature				
HELEN GRACE F. ORACION SRC Chairperson	Received	July 14, 2022			
	Returned	July 14, 2022			
	Signature				

Vision:
Mission:

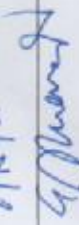
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Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

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FM-VPA-11

VT 11-19-2021

No. 22-28

ELIZABETH S. QUEVEDO Department Head	Received	7/15/22	7/15/22	7/15/22
	Returned	7/15/22	7/15/22	7/15/22
	Signature			
MA. THERESA P. LORETO College Dean	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