



**RESEARCH APPROVAL SHEET**  
2<sup>nd</sup> Semester 2021-2022

**"Phytochemical Screening and Chromatographic Characterization of Crude  
Ethanol Leaf Extracts of Pagatpat (*Sonneratia alba* J. Smith)".**  
Title of thesis/special problem/apprenticeship report/engineering project report/case study

☒ Proposal / Outline

☐ Manuscript

NAME OF STUDENT : **HANNA A. MATUGUINA**

Degree Program : **Bachelor of Science in Chemistry**

APPROVED :

  
**ALLAN A. RAMAL**

Adviser

5/12/22  
Date

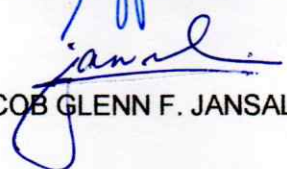
REVIEWED

: Student Research Committee:

  
**HELEN GRACE F. ORACION**

Chairperson


5/17/22  
Date

  
**JACOB GLENN F. JANSALIN**

Member

5/17/22  
Date

APPROVED:

  
**ELIZABETH S. QUEVEDO**

Head, DoPAC

6/21/2022  
Date

**MA. THERESA P. LORETO**

Dean, CAS

\_\_\_\_\_  
Date

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.