



VISAYAS
STATE UNIVERSITY

INSTITUTE FOR

**STRATEGIC RESEARCH AND
DEVELOPMENT STUDIES**

05 June 2023

Dr. Edgardo E. Tulin

President

Visayas State University

Visca, Baybay City, Leyte

Subject: Request for Research Assistant on the proposed Research Study entitled "Assessment of the Management and Disposal of Single-Use Menstrual Pads, Diapers, and Wet Wipes in Baybay City and its Impact on Water Resources"

Dear Dr. Tulin,

Greetings!

The team is grateful for the opportunity to have presented our proposed study with the internationalization program evaluators on 30 March 2023. We are equally thankful for the comments and suggestions as well as the funding consideration.

In the process of revising our proposal, we have seen the need to have at least one Research Assistant to oversee the literature review and the overall survey process. Aside from the two enumerators who will be in-charge in surveying the 92 barangays of Baybay City, it would be beneficial to the timely completion of the study to have constant personnel that could assist in the realization of our proposed activities and outputs.

Attached with this letter are the revised version of our proposal and the budgetary requirements for your consideration.

Thank you very much.

Sincerely yours,

MERRY JEAN A. CAPARAS

Faculty

Institute for Strategic Research
and Development Studies



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RESEARCH PROPOSAL

I. BASIC INFORMATION

Program/Project/Study Title: "Assessment of the Management and Disposal of Single-Use Menstrual Pads, Diapers, and Wet Wipes in Baybay City and its Impact on Water Resources"

Program/Project/Study Leader(s):

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Implementing Unit: Institute for Strategic Research and Development and Studies
Department of Agricultural and Biosystems Engineering
Department of Geodetic Engineering

Cooperating/ Collaborating Agency(ies)/ International Partners: Divya Rathod, PhD
Silverynanos Innovations LLP, India

Location: Baybay City

Duration: 6 months

Proposed Budget: VSU = Php 549, 410.00
Collaborating Partner = for negotiation

Discipline: Water and waste management (Please see section C for more details)

Classification: Socioeconomic and Development

II. TECHNICAL INFORMATION

A. Rationale

Single-use menstrual pads, diapers, and wet wipes result in serious environmental impacts throughout their lifecycle, from the production phase until the end of life. These products are mainly made up of large volumes of wood pulp, cotton, or viscose rayon for the production of super absorbent polymer (SAP), and other components such as polyester, polyethylene, polypropylene, adhesives, fragrances, and dyes. While significant amounts of water and energy are used for its production, the recycling of such materials is technically difficult and