



SS INSTITUTE OF PHARMACY

(A unit of VS Educational & Charitable Trust)

Approved by Tamilnadu Government & Pharmacy Council of India, New Delhi.
Affiliated to the Tamilnadu Dr. M.G.R. Medical University,
and The Directorate of Medical Education, Chennai.

Date : 26.07.2023

To

Ms. Anjali Sharma,
CEO,
Sterling Lab Pvt Ltd,
Hosur, Krishnagiri,
Tamil Nadu.

Dear Madam,

Sub: Request for Financial Support and Guidance for R&D Work in Funded Project – Reg

This letter is to bring to your kind notice that we (SS Institute of Pharmacy, Salem) are involving our staff and students in research-oriented activities. In this regard, we kindly request your support and permission to undertake a consultancy-related project titled "*Advanced Oral Care Formulation: Spirulina and Ginger-Infused Toothpaste and Gargle with Dual Benefits*" in association with your esteemed organization. This collaboration will enrich our knowledge and foster the development of innovative ideas with social relevance.

Investigator: Mrs.K. Sowndaraya, AP / SSIP

Thank You



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SS INSTITUTE OF PHARMACY.
KUPPANUR (PO), SANKARI (TK).
SALEM - 637301

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CIN: U73100DL1980PTC011137

REG NO: 11137

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Email: hosur.admin@sterling.com



To

Mrs. K.Sowndaraya,
Assistant Professor,
SS Institute of Pharmacy,
Sankari, Salem.


Dear Madam,

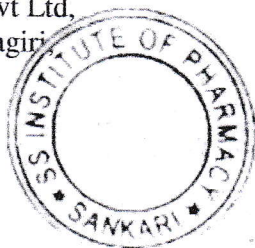
Subject: Acceptance and Provision of Financial Assistance for Funded Project – Reg.


We are pleased to inform you that the proposal submitted for the project titled "*Advanced Oral Care Formulation: Spirulina and Ginger-Infused Toothpaste and Gargle with Dual Benefits*" has been approved by our organization for possible funding of Rs. 1,00,000/- (One lakh) as the project appears to be innovative. We kindly request the Principal Investigator to submit the monthly report.

Project title	Principal Investigator	Project duration
Advanced Oral Care Formulation: Spirulina and Ginger-Infused Toothpaste and Gargle with Dual Benefits	Mrs. Sowndaraya,	1 year

Thanking you,


Sterling Lab Pvt Ltd,
Hosur, Krishnagiri
Tamil Nadu.




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ABSTRACT

Advanced Oral Care Formulation: Spirulina and Ginger-Infused Toothpaste and Gargle with Dual Benefits

This project focuses on developing an innovative oral care product that combines the natural benefits of Spirulina and ginger. Both ingredients are known for their medicinal properties—Spirulina for its antimicrobial and antioxidant effects, and ginger for its anti-inflammatory and soothing properties. The product, formulated as both a toothpaste and gargle, aims to promote overall oral hygiene while offering dual functionality. Spirulina helps to combat plaque and gum disease, while ginger provides relief from oral discomfort and reduces inflammation. The project involves extensive formulation development, where the optimal concentrations of Spirulina and ginger are determined to achieve both efficacy and user acceptability. Stability testing, antimicrobial efficacy studies, and sensory evaluations are carried out to ensure the product remains effective and pleasant to use. In addition, clinical studies will be conducted to validate the product's ability to reduce common oral health problems like gingivitis and bad breath. The combination of these two natural ingredients is expected to create a unique oral care formulation that offers both preventive and therapeutic benefits. This research not only aims to improve oral hygiene practices but also seeks to cater to the growing demand for natural, plant-based health products.




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