

**LIGNOCELLULOSIC BIOMASS ADDITION WITH FOOD WASTE FOR
ENHANCED BIOGAS PRODUCTION IN A HOUSEHOLD BIOGAS
PLANT-A LABORATORY SCALE STUDY**

A project report submitted to the University of Kerala in partial fulfilment of the
requirement for the award of

First-Degree Programme in Botany and Biotechnology under CBCSS

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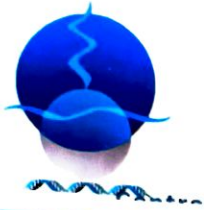


DEPARTMENT OF BIOTECHNOLOGY

SREE NARAYANA COLLEGE, KOLLAM (691001)

UNIVERSITY OF KERALA

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BIOVENT INNOVATIONS PVT LTD

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CERTIFICATE

This is to certify that the project entitled “**Lignocellulosic Biomass Addition with Food Waste for Enhanced Biogas Production in a Household Biogas Plant - A Laboratory Scale Study**” is an authentic record of original research work submitted by **Ms. Amritha Nair, Ms. Sayana R., Ms. Swathi Sundaresan, and Ms. Akhila prasad**, students of Sree Narayana College, Kollam (affiliated to the University of Kerala) in partial fulfillment of Bachelor’s Degree in Botany and Biotechnology, under the supervision and guidance of Dr. Dhanyalekshmi C S at Biovent Innovations Pvt. Ltd., Department of Biotechnology, University of Kerala, Thiruvananthapuram.

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