



CERTIFICATE

This is to certify that **Ms. Sinu Saimon (Reg No- 218327)** of the Department of Post graduate studies and research in food science, St. Aloysius college Mangalore , for the award of the degree of **Master of Science in Food Science and Technology**, has undertaken the thesis entitled “**optimisation of mother vinegar for the production of coconut vinegar and comparison with that of apple cider vinegar**” at the Agro processing complex, Physiology, Biochemistry & Post-Harvest Technology(PB &PHT), **ICAR-Central Plantation Crops Research Institute (CPCRI), Kasaragod** , under our guidance and supervision during the period from 01.8.2022 to 01.11.2022 and no part of this thesis has been submitted for the award of any other degree, diploma, fellowship, or similar title or price and that the work has not been published in part or full in any scientific or popular journal or magazine.

Dr. Shameena Beegum,P.P

Scientist(Guide)

PB &PHT

ICAR-CPCRI, Kasaragod, Kerala

Place: Kasaragod

Date: 01.12.2022