



GEMS ARTS AND SCIENCE COLLEGE

An ISO 9001 : 2015 Certified Institution

(A Unit of Global Education and Management Studies Co-operative Ltd., No. M. 782)

(Affiliated to University of Calicut and UGC Recognized under Section 2 (f) of UGC Act 1956)

Ramapuram, Kadungapuram P.O, Malappuram Dt., Kerala. Pin - 679 321, Ph : 04933-256123, 255700

www.gemsasc.ac.in, email: gemsasc@gmail.com

Letter of Collaboration

Date: 27/05/2022

Place: Ramapuram.

GEMS Arts and Science College and

Geno Bio Research Centre, Parappur Road, Kottakkal.

Has signed a letter of collaboration/MoU on 30.12.2021

This Collaboration is for conducting the program entitled: Academic

Project Works for Students.

on 2021-22 with 2 number of participants.

Principal

GEMS Arts and Science College

Dr. NAVEEN MOHAN
PRINCIPAL

GEMS ARTS AND SCIENCE COLLEGE
KADUNGAPURAM (PO), RAMAPURAM
MALAPPURAM DT., KERALA-679 321



For Geno Bio

Proprietor


ACTIVITY REPORT

GENOBIO PROJECT WORKS (2021-22)

During the academic year 2021-22, the students of M. Sc Microbiology at GEMS Arts and Science College completed their 6th semester and fourth-semester dissertation work respectively at Genobio Clinical Diagnostics and Molecular Research, Parappur Road Kottakkal. students have successfully completed their project works in the concerned institution. The details of students' project works are given below;

Sl. No	Reg.no	Students name	Topic
1	GGAVMMB005	Farzana K	Study the antimicrobial and phytochemical properties of <i>Cinnamon</i> and clove extracts against oral pathogens
2	GGAVMMB013	Rasha K	Formulation and evaluation of antibacterial film for food packaging using Aloe vera gel




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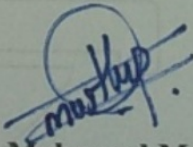


Certificate

This is to certify that the dissertation entitled **“FORMULATION AND EVALUATION OF ANTIBACTERIAL FILM FOR FOOD PACKAGING USING ALOE VERA GEL”** is piece of authentic record of work carried out by **Ms. RASHA K (Reg No:GGAVMMB013)** of 4th semester MSc Microbiology, (April 2022 to May 2022), GEMS Arts and Science College, Ramapuram, under my guidance and supervision.

Kottakkal
20/07/2023




Mr. Mohamed Musthafa E.P.
(Supervising Guide)

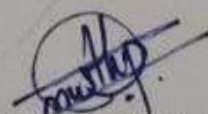


Certificate

This is to certify that the dissertation entitled “**STUDY THE ANTIMICROBIAL AND PHYTOCHEMICAL PROPERTIES OF CINNAMOMUM AND CLOVE EXTRACTS AGAINST ORAL PATHOGENS**” is piece of authentic record of work carried out by **Ms. FARZANA K (Reg No:GGAVMMB005)** of 4th semester MSc Microbiology, (April 2022 to May 2022), GEMS Arts and Science College, Ramapuram, under my guidance and supervision.

Kottakkal
20/07/2023




Mr. Mohamed Musthafa E.P.
(Supervising Guide)