

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: 11/09/2020

Place: Ramapuram.

GEMS Arts and Science Conege and
Genobio Research Centre, Parappur Road, Kottakka
Has signed a letter of collaboration/MoU on. 25・12、2020
This Collaboration is for conducting the program entitled: Academic
Project works. for Students
on $2020-21$ with

Principal

GEMS Arts and Science College

Dr. NAVEEN MOHAN
PRINCIPAL
(SARTS AND LUIENCE COLLEGE

GEMS ARTS AND LOIENCE COLLEGE KADUNG APURAN POR MANAPURAN For Geno Big

Proprietor

ACTIVITY REPORT

GENOBIO PROJECT WORKS (2020-21)

During the academic year 2020-21, the students of M. Sc Microbiology at gems arts and science college, completed their fourth semester dissertation work at Genobio clinical diagnostics and molecular research, Parappur road Kottakkal. 5 students were successfully completed their project works in the concerned institution. The details of students project works are given below;

SL.N O	REG.NO	STUDENT NAME	TOPIC
1	GGATMMB001	Amrutha M	Pharmaceutical activity of
			cinnamomum tamala (Indian
		a II	bay leaf) against urinary tract
	a s		infection
2	GGATMMB006	Fathimathul Farisha VK	Antibiotic resistant bacteria
	*		isolated from marine fish gut
			and treated by Garcinia
		h'	gummi- gutta fruit
3	GGATMMB008	Jamseera Rosini. M	Antifungal potentiality of
		e	Rhizophora mucronata
			against fungal pathogens
		8	isolated from plant leaves
4	GGATMMB011	Nihala U P	Meat preservation by using
	8.5%		bacteriocin produced lactic
			acid bacteria isolated from
			milk sample
5	GGATMMB013	Sameera VK	A study of antibacterial
			activity and resistant profile
			of Tirur betal leaf (piper
			betle) against the isolated
			bacteria from chicken farm
	211		soil.
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RAMAPURAM

MALAPPURAM DT.

MOUNGAR

Dr. NAVEEN MOHAN
PRINCIPAL
GEMS ARTS AND SCIENCE COLL

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



This is to certify that the dissertation entitled "Pharmaceutical activity of Cinnamomum tamala(Indian Bay leaf) against Urinary tract infection" is piece of authentic record of work carried out by Ms. AMRUTHA M of 4th semester MSc Microbiology, GEMS Arts and Science College, Ramapuram, under my guidance and supervision.

Kottakkal 27/08/2020





This is to certify that the dissertation entitled "Meat Preservation by using Bacteriocin produced Lactic Acid Bacteria isolated from Milk Samples" is piece of authentic record of work carried out by Mrs. NIHALA U.P. of 4th semester MSc Microbiology, GEMS Arts and Science College, Ramapuram, under my guidance and supervision.

Kottakkal 27/08/2020





This is to certify that the dissertation entitled "Antifungal potentiality of *Rhizophora mucronata* against fungal pathogens isolated from plant leaves" is piece of authentic record of work carried out by Ms. JAMSEERA ROSINI M of 4th semester MSc Microbiology, GEMS Arts and Science College, Ramapuram, under my guidance and supervision.

Kottakkal 27/08/2020





This is to certify that the dissertation entitled "A Study of Antibacterial activity and Resistant profile of Tirur Betel leaf (Piper betle) against the Isolated Bacteria from Chicken farm soil" is piece of authentic record of work carried out by Mrs. SAMEERA VK of 4th semester MSc Microbiology, GEMS Arts and Science College, Ramapuram, under my guidance and supervision.

Kottakkal 27/08/2020





This is to certify that the dissertation entitled "Antibiotic Resistant Bacteria isolated from Marine fish gut and Treated by Garcinia gummigutta fruit" is piece of authentic record of work carried out by Mrs. FATHIMATHUL FARISHA VK of 4th semester MSc Microbiology, GEMS Arts and Science college, Ramapuram, under my guidance and supervision.

Kottakkal 26/08/2021

