



# GEMS ARTS AND SCIENCE COLLEGE

(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.gemscollege.in, email: gemsasc@gmail.com

## Letter of Collaboration

Ref:

Date: 11.04.2019.

Place: Ramapuram.

GEMS Arts and Science College and

.....Grenobio Research centre, Parappur Road, Kottakkal.

Has signed a letter of collaboration/MoU on.....15.12.2018.....

This Collaboration is for conducting the program entitled: Academic

.....Project works for students.....

.....on .....2018-19..... with .....6.....number of participants.

Principal

GEMS Arts and Science College



For Geno Bio

Proprietor



PRINCIPAL  
GEMS ARTS & SCIENCE COLLEGE  
KADUNGAPURAM P.O - RAMAPURAM  
MALAPPURAM DT. - 679321, KERALA

## ACTIVITY REPORT

### GENOBIO PROJECT WORKS (2018-19)

During the academic year 2018-19 and 2019-20, the students of B.sc microbiology and M.Sc Microbiology at Gems Arts and Science College, completed their sixth 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 the student's project works are given below.

SL. NO	YEAR	REG.NO	STUDENTS NAME	TOPIC
1	2018-2019	GGAQSMB011	AMRUTHA M	In vitro study of antimicrobial activity of mountain neem ( <i>Melia azedarach</i> ) fiber on raw foods
2		GGAQSMB001	BINSHIDA	
3		GGAQSMB013	CHITHRA	
4		GGAQSMB016	FATHIMA HUSSAIN A V	
5		GGAQSMB003	NAHNA ABDULLAH	
6	2019-2020	GGASMMB002	AASHIKA T	Isolation and identification of biosurfactant producing bacteria from oil contaminated soil



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



# Geno Bio

Clinical Diagnostics &  
Molecular Research

## Certificate

This is to certify that the dissertation entitled “**Isolation and characterisation of Biosurfactant producing Microorganism from Oil contaminated Soil**” is piece of authentic record of work carried out by **Mrs. ASHIKA** of 4<sup>th</sup> semester MSc Microbiology, GEMS Arts and Science College, Ramapuram, Malappuram, under my guidance and supervision.

**Kottakkal**  
**05/03/2020**



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

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**Geno Bio** Clinical Diagnostics & Molecular Research

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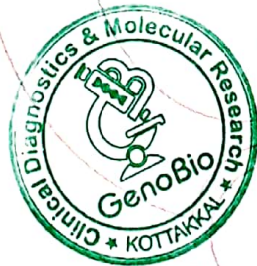
# Geno Bio

Clinical Diagnostics &  
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## Certificate

This is to certify that the dissertation entitled “*In vitro* Study of Anti Microbial Activity of Mountain Neem (*Melia azedarach*) fiber on Raw foods.” is piece of authentic record of work carried out by Mrs. AMRUTHA M of 6<sup>th</sup> semester Bsc Microbiology, GEMS Arts and Science College, Ramapuram, Malappuram, under my guidance and supervision.

Kottakkal  
02/04/2019



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

**Geno Bio** Clinical Diagnostics & Molecular Research

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