


ACTIVITY REPORT

BIOSINO PROJECT WORKS (2022-23)

During the academic year 2022-23, the students of M. Sc Microbiology at Gems Arts and Science College, completed their fourth semester dissertation work at Biosino Diagnostic and Research Centre, Alathiyur Malappuram. Two students successfully completed their project works in the concerned institution. The details of the student's project works are given below.

SL. NO	REG. NO	STUDENTS NAME	TOPIC
1	GGAVMMB004	FARHATH PP	Characterization and probiotic potential of lactic acid bacteria isolated from different fermented dairy products
2	GGAVMMB014	SANA PP	Isolation and characterization of protease-producing <i>Bacillus</i> species from soil, production, and optimization of protease enzyme with fibrinolytic and dehairing potential.




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"Dedicated towards Diagnosis"


CERTIFICATE

This is to certify that the dissertation entitled **"ISOLATION AND CHARACTERIZATION OF PROTEASE PRODUCING BACILLUS SPECIES FROM SOIL , PRODUCTION AND OPTIMIZATION OF PROTEASE ENZYME WITH FIBRINOLYTIC AND DEHAIRING POTENTIAL"** submitted to the University of Calicut, Kerala in partial fulfilment for the award of **Degree of Master of Science in Microbiology** by Miss. SANA P.P (Reg.No.GGAVMMB014) **M.Sc Microbiology, Department of Microbiology, Gems arts and Science college, Ramapuram** is the result of bonafide research work carried out by her for a period during the month of **April 2022-May 2022** under Mr. Mohammed Fairros.A.T guidance at **Biosino Diagnostic And Research Centre, Alathiyur, Malappuram**. Further, I certify that no part of this Dissertation has been for award of any diploma or degree either in any institution or University and I take this opportunity to wish her good luck.



Date: 31-5-2022

Place: Alathiyur


Mohammed Fairros.AT
Research Co-ordinator

“Dedicated towards Diagnosis”

CERTIFICATE

This is to certify that the dissertation entitled **“CHARACTERIZATION AND PROBIOTIC POTENTIAL OF LACTIC ACID BACTERIA ISOLATED FROM DIFFERENT FERMENTED DIARY PRODUCTS ”** submitted to the University of Calicut, Kerala in partial fulfilment for the award of **Degree of Master of Science in Microbiology** by **Miss. FARHATH.PP (Reg.No.GGAVMMB004) M.Sc. Microbiology, Department of Microbiology, Gems arts and Science college, Ramapuram** is the result of bonafide research work carried out by her for a period during the month of **April 2022- May 2022** under Mr. Mohammed Fairoos.A.T guidance at **Biosino Diagnostic And Research Centre, Alathiyur, Malappuram**. Further, I certify that no part of this Dissertation has been for award of any diploma or degree either in any institution or University and I take this opportunity to wish her good luck.



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