

## CERTIFICATE

*This is to certify that Titty Joseph is a Fourth Semester Master of Science student of this college. This project entitled "Biodiversity and Bio-prospective Potential of Microorganisms from Mangrove Ecosystems of Munroe Island" is submitted by her in partial fulfilment of the requirements for the award of the Degree Master of Science in Microbiology.*

Changanacherry

03-09-2022

  
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## Certificate

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This is to certify that this dissertation entitled, "EVALUATION OF ANTIMICROBIAL ACTIVITY OF PLANT EXTRACTS AGAINST CLINICAL SPECIMENS" is an authentic record of project work carried out by Ms. ANSAMMA CHACKO and is submitted to St. Berchmans College (AUTONOMOUS), Changanassery, in partial fulfillment of the requirements for the award of the degree of **MASTERS OF SCIENCE IN MICROBIOLOGY**, during the academic year 2020-2022.

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This is to certify that this dissertation entitled, "STUDIES ON ANTIBACTERIAL ACTIVITY AND PHYTOCHEMICAL ANALYSIS OF NATURAL PRODUCTS ON BACTERIAL CULTURES ISOLATED FROM CLINICAL SPECIMENS" is an authentic record of project work carried out by Ms. ANU .K. MATHEW and is submitted to St. Berchmans College (AUTONOMOUS), Changanassery, in partial fulfillment of the requirements for the award of the degree of **MASTERS OF SCIENCE IN MICROBIOLOGY**, during the academic year 2020-2022.

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This is to certify that this dissertation entitled “**ISOLATION SCREENING AND IDENTIFICATION OF POTENTIAL PROBIOTIC BACTERIA FROM FERMENTED RICE GRUEL**” is an authentic record of project work carried out by **JISSA P VARGHESE** and submitted to St. Berchmans College (AUTONOMOUS), Changanacherry, in partial fulfilment for the **MASTERS OF SCIENCE IN MICROBIOLOGY**, during the academic year 2018- 2020.

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This is to certify that this dissertation entitled, "STUDY ON THE PREBIOTIC EFFECTS OF FRUCTOOLIGOSACCHARIDES (FOS) ISOLATED FROM *Asparagus racemosus*" is an authentic record of project work carried out by Ms. PARVATHY K.B and is submitted to St. Berchmans College (AUTONOMOUS), Changanassery, in partial fulfilment for the MASTERS OF SCIENCE IN MICROBIOLOGY, during the academic year 2020- 2022.

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This is to certify that dissertation "ISOLATION AND EVALUATION OF SOIL MICROBIOTA FOR BIOFERTILIZER POTENTIAL" is a bona fide record of original research work carried out by Ms. SONIA VARGHESE (Reg. No. 22011316) and is submitted to St. Berchmans College (Autonomous), Changanassery in partial fulfillment of the degree of **Master of Science in Microbiology** during the period of 2020-2022. Contents of the thesis have not previously been used for the award of any degree, diploma or other similar title or recognition.

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
Name : EBEENA MATHEW

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This is to certify that this dissertation entitled, "AUGMENTATION OF NEUROPROTECTIVE EFFECTS OF *Acorus calamus* USING *Lactobacillus acidophilus* FERMENTATION-AN In vitro STUDY" is an authentic record of project work carried out by Ms. EBEENA MATHEW and is submitted to St. Berchmans College (AUTONOMOUS), Changanassery, in partial fulfilment for the **MASTERS OF SCIENCE IN MICROBIOLOGY**, during the academic year 2020- 2022.

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This is to certify that this dissertation entitled "ISOLATION, SCREENING AND IDENTIFICATION OF BIOSURFACTANT PRODUCING BACTERIA FROM WATER HYACINTH ROOT ASSOCIATED SOIL" is an authentic record of project work carried out by POOJA PUSHPAN and is submitted to St. Berchmans College (AUTONOMOUS), Changanacherry, in partial fulfilment for the MASTERS OF SCIENCE IN MICROBIOLOGY, during the academic year 2020- 2022.

  
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## CERTIFICATE

This is to certify that dissertation "ISOLATION AND EVALUATION OF RHIZOSPHERE MICROFLORA WITH POTENTIAL APPLICATION OF SELECTED MEDICINAL PLANTS FOR PLANT GROWTH PROMOTING ACTIVITY" is a bona fide record of original research work carried out by Ms. MERIN V PHILIP (Reg. No. 22011310) and is submitted to St. Berchmans College (Autonomous), Changanassery in partial fulfillment of the degree of **Master of Science in Microbiology** during the period of 2020-2022. Contents of the thesis have not previously been used for the award of any degree, diploma or other similar title or recognition.

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