



# **Sree Narayana Mangalam College, Maliankara**

*(Affiliated to Mahatma Gandhi University, Kottayam)*

**Post Graduate and Research Department of Chemistry**

**MoU WITH**

**UNIBIOSYS BIOTECH RESEARCH LABS, Cochin**



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## RESEARCH AND DEVELOPMENT PROGRAMME

**About UniBiosys Biotech Research Labs:** UniBiosys Biotech Research Labs (UBRL) is an ISO 9001:2015 certified Research Laboratory offering a wide range of contract research services adhering to international quality standards. It was established in 2010 and managed by UniBiosys Foundation for Education and Research to provide scientific solutions for various bio-based problems. It is one of the best biotech companies in Kerala providing high quality academic programs, training activities and research services in the fields of molecular biology, plant biotechnology, microbial technology, rDNA technology, bioinformatics, pharmaceutical chemistry, food quality control, nanotechnology, photochemistry etc. They provide support services to industries, research scholars, scientists and aspirants in these fields. They also provide consultancy service to set up, implement and manage biotech laboratories for industries & institutions and also provide internships in biotechnology with an aim to create employability, entrepreneurship and research aptitude among the young scholars. The outreach activities of UBRL include research and development, skill development training, transfer of technology and dissemination of knowledge to the students.

**Objective:** To provide opportunity for students from Post Graduate and Research Department of Chemistry, S.N.M College, Maliankara to carry out their academic/research projects and training/internship programmes on pharmaceutical chemistry, food quality control, nanotechnology, photochemistry etc. in UBRL.

**Description:** For strengthening the academic and research collaborations, Post Graduate and Research Departments of Chemistry, S.N.M College, Maliankara signed a Memorandum of Understanding (MOU) with UniBiosys Biotech Research Labs (UBRL), Cochin. To make the MoU functional, a few students from departments of Chemistry were nominated for academic programmes offered by UBRL and their profile data was sent to UBRL. After proper scrutiny of data, UBRL accepted the application of the students and an appropriate supervisor was identified for each student. These students have attended training/internship programmes and have carried out their academic/research project work under areas of their choice like pharmaceutical chemistry, food quality control, nanotechnology, photochemistry etc in UBRL for a mutually approved duration of time.



**Outcome:** As part of the academic/research collaboration with UBRL, students from post graduate and research departments of Chemistry have visited UBRL and have attended internship/training sessions and have completed their academic/research project work in various areas of their choice like pharmaceutical chemistry, food quality control, nanotechnology, photochemistry etc. At the end of the programme, the appointed supervisor of host institution (UBRL) forwarded a copy of the completed work report of each student to the concerned authority at parent institution (S.N.M. College, Malainkara). Working with UBRL helped the students to develop entrepreneurship and research aptitude. The internship programmes helped them to learn practical skills which will help them pursue jobs in the fields of their choosing. The students also earned practical hands-on training experience and an in-depth overview of the subject.

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