

HIGHER NITEC IN CHEMICAL TECHNOLOGY

Electives (Course Specific)

Introduction to Microbiology

On completion of the module, students should be able to perform basic microbiological techniques, such as safe-handling, examining and cultivating of microorganisms.

Essentials in Environmental Science

On completion of the module, students should be able to perform tests on air, water and effluent waste in monitoring of environment and pollution in the manufacturing industries.

Introduction to Cosmetic Science

On completion of the module, students should be able to prepare simple cosmetic products using basic formulations as well as to perform stability tests to apply the safety concept of cosmetic evaluations based on international legislations.

Urban Farming Laboratory Techniques

On completion of this module, students should be able to perform quality testing on growth media (water, soil, compost, etc.) for the aquaculture and agriculture industries.