

NITEC IN URBAN GREENERY & LANDSCAPE

Electives (Course Specific)

Floral Design

On completion of the module, students should be able to identify, select, design and arrange suitable flora and fauna schemes to meet different Client's requirements during different occasions.

Electives (Inter-disciplinary)

Engineering Mathematics

On completion of the module, students should be able to solve engineering problems involving indices, logarithms, algebra, graphs, trigonometry, complex numbers and basic statistics.

Elementary Land Surveying

On completion of the module, students should be able to perform a site survey using basic surveying equipment. Students will be able to set up and use the surveying equipment, conduct a closed survey and verify basic survey plan to incorporate levels and contours according to landscape specification.

Introduction to Urban Farming

On completion of the module, students should be able to perform basic urban farming techniques to achieve sustainable farming outcome, Students will be able to set up urban farming systems using different medium such as water based and soil based system, incorporating technology, such as use of LED lightings to enhance the photosynthesis of crops for indoor setting.

Electives (Joint ITE-Industry)

Swimming Pool Maintenance

On completion of the module, students should be able to carry out servicing, maintenance and repair on swimming pool filtration system; and carry out water quality checks.