Students' Hand Book

Batch 2019/2020

Faculty of Technology
University of Jaffna

FACULTY OF TECHNOLOGY
UNIVERSITY OF JAFFNA, SRI LANKA

2019/2020

Undergraduate Student Handbook

July 2021

Vice-Chancellor's Message

As the Vice-Chancellor of the University of Jaffna, I have great pleasure in welcoming fifth batch of students to follow a professional Bachelor of Technology honours degree programme in Engineering Technology / Bio systems Technology. While welcoming you, I wish to congratulate you on your success in securing university admission through the emerging technology stream in the Advanced Level and becoming as new entrants of the Faculty of Technology. New entrants are called freshers and they bring forth the fragrance to the faculty and the University as infusion of young new blood.

Technology by its nature is highly sophisticated and has immense influence in the development of the nation and day to day life of human beings. Technology is the culmination of knowledge of Engineering and Science in the sense of delivering the devices and goods to the people to make their life comfortable. As one of the leading universities of Sri Lanka, we, the University of Jaffna, believe that it is our responsibility to groom our future generation to become professionals who can move along with ever-changing and ever-updating technological knowledge. The mission of the faculty is to produce competent technocrats to serve the nation to face the challenges of the 21st Century. Being the primary stakeholders, the staff and students of this growing faculty have to work with full of courage, commitment and dedication to achieve the Programme Objectives.

With the newly added infrastructures and sophisticated laboratory facilities, the faculty becomes stronger than ever before, and every one of the country is looking for your exciting journey of technological knowledge through studies and research activities. I am happy to note that the construction of the faculty building complex spreading across 40 acres of land has reached to its completion stage. I have no doubt that the faculty would do its best in facilitating the learning and teaching environment for you to become accomplished technocrats. I wish you all to have a happy and intellectually rewarding university life with the blessing of the Almighty.

Prof. S. Srisatkunarajah
Vice-Chancellor/ University of Jaffna

Dean's Message

I am pleased to welcome all the students who enrolled to the faculty of Technology, University of Jaffna for the academic year 2019/20.
The Faculty of Technology was established in University of Jaffna in 2016 as the 10th faculty to accommodate the newly initiated G.C.E Advanced Level Technology Stream students. The University Council decided to locate the Faculty of Technology at Ariviyal Nagar, Kilinochchi along with Faculty of Agriculture and Faculty of Engineering. You will be enrolling to our faculty as the fifth batch and we are very much grateful to you for choosing the Faculty of Technology, University of Jaffna for pursuing your degree program.

The Faculty of Technology is offering two degree programmes, Bachelor of Engineering Technology Honours degree programme with three specializations, Construction Technology, Automobile Technology and Electro Technology and Bachelor of Biosystems Technology Honours degree programme with two specializations, Green Farming Technology and Food Production Technology. The faculty has planned to commence degree programme on Information and Communication Technology from the academic year 2020/21.

As the Dean of the faculty, I am proud to say that the young and energetic faculty members will be working very hard to achieve University's and faculty's vision and mission with limited resources. We are happy to say that construction works of the new faculty building construction is almost completed and your batch will be the luckiest batch to commence your academic programme in the alluring new building.

I am confident that the Faculty of Technology will provide an excellent platform for you all to develop your academic and extracurricular activities and mound yourself as a challenger to face the future with self-reliant. Our courses are designed carefully to impart the students with necessary knowledge, skills and attitudes to face the contemporary society. The student counsellors and mentors of the faculty will provide support and guidance to you in your necessities.

Moreover, I would herein express my sincere gratitude to the Vice-Chancellor of the University of Jaffna; his contribution in the establishment and development of the faculty is enormous.

We are proud to upload the Faculty Handbook of 2019/20 electronically which will provide the necessary information about the academic programme and the supportive services and the other aspects available at faculty and the university to complete your degree programme successfully. We will provide the hardcopy of the Handbook when you physically report to the faculty.

Our faculty is delighted to welcome you for the academic year 2019/20 as the fifth batch virtually and hope to extend its cooperation to mould you as the world-class citizens to face the future endeavours. Good Luck and Best wishes for a happy and prosperous life at Faculty of Technology, University of Jaffna.

Dr. (Ms.) S. Sivachandiran
Dean / Faculty of Technology

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1 University of Jaffna

1.1 Brief History

The Jaffna Campus of the University of Sri Lanka was established in 1974 with a ceremonial inauguration on 6th October 1974 with the late Professor Kailasapathy as its first President. Under the University Act No. 16 of 1978, the Jaffna Campus gained the status of an independent University in January 1979 and became the University of Jaffna.

The University of Jaffna is committed to the search for truth in a diverse field of subjects, as has been emphasized in its motto "Meipporul Kanpatharivu" (Discernment is Wisdom).

1.1.1 Vision

To be a leading centre of excellence in teaching, learning, research and scholarship.

1.1.2 Mission

"To produce intellectual, professionally competent and capable graduates to meet the emerging needs of the national and international community, with a special emphasis on the social, economic and cultural needs of Northern Sri Lanka".

1.1.3 Crest

The crest of the university, shown aside, has the 'NANTHI' (bull) symbol at its centre. Nanthi adorned the flag of the Jaffna Kingdom that existed in the Northern Sri Lanka until it was dismantled by the Portuguese in the 15th century. The traditional oil lamp symbolizes the light of wisdom. The whole emblem is surrounded by 64 flames. These flames depict the sixty four varieties of art that adorns the Tamil culture. The crest is therefore symbolizing the growth of wisdom along with culture.

1.2 Faculty of Technology, University of Jaffna

1.2.1 Establishment of the Faculty

The Faculty of Technology is the newly established faculty of the University of Jaffna. The Higher Education Ministers' order of establishment is gazetted on the 29th of March 2016, Gazette No: 9/1960.

The Council of the University of Jaffna, at its 408th meeting held on the 02nd April 2016 appointed Prof. K. Kandasamy as the acting Dean of the faculty from the 04th of April 2016 to the 30th of September 2016. On the retirement of Prof. K. Kandasamy, Prof. S. Srisatkunarajah was appointed as the acting Dean from the 1st of October and rendered his services up to 30th September, 2017. Dr. (Ms). S. Sivachandiran was appointed as the acting Dean from 1st October 2017 to 18th of July 2018 and extended her service as the Dean of Faculty of Technology with effect from 19th of July 2018 to date.

1.2.2 Vision of the Faculty

To be a leading centre of fostering and promoting technological studies and research.

1.2.3 Mission of the Faculty

To produce knowledgeable and skillful technocrats who excel in innovative application of technological skills and expertise for the progress of technology in the country.

1.2.4 Aim and Objectives

Aim and objectives of the Faculty is to produce Technocrats who have the ability to;

- Select and apply the knowledge, techniques, skills, and modern tools of the discipline to broadly-defined technology activities.
- Select and apply knowledge of mathematics, science, engineering, and technology, to Engineering / Biosystems technological problems that require the application of principles and applied procedures or methodologies.
- Demonstrate written, oral, and graphical communication skills in both technical and nontechnical environments; and an ability to identify and use appropriate technical literature.
- Display in-depth technical competence in at least one Engineering / Biosystems technology discipline.
- Identify, analyse, formulate and solve broadly-defined technological problems.
- Utilize a systems approach to design systems, components, or processes for broadly-defined technology problems and operational performance.
- Function effectively as a member, leader or manager in multi-disciplinary and multi-cultural team.
- Perform the social, cultural, global and environmental responsibilities of the professional technologist, and the need for sustainable development.
- Make use of principles of sustainable design and development to develop technological solutions for environmental issues.
- Make decisions in accordance with professional and ethical considerations.
- Understand the need for and an ability to engage in lifelong learning and professional development.

1.2.5 Graduate Profiles

Graduates of Faculty of Technology are distinguished by their ability to apply scientific and technological knowledge and methods combined with practical skills to solve technological problems while maintaining the ability to work with a multidisciplinary team to examine and understand the full breadth of issues, challenges surrounding the social, environmental, regulatory and ethical concerns associated with the industries.

1.2.6 Teaching Framework

Instruction in each course unit may take place in the form of lectures, tutorials, discussions, practical, seminars, projects, assignments, self-study exercises and/or other forms approved by the Faculty Board of Technology and the University Senate which are the authorities that decides the methods of teaching.

It is the responsibility and the duty of undergraduates to attend and participate in lectures, tutorials, practical and other work assigned to the undergraduates, to register his/her attendance by signing the attendance list, and to maintain the required percentage of attendance of 80% in each course unit. It should be noted that no undergraduate can keep away from attending classes (i.e., lectures, tutorials etc.) for more than three consecutive days without informing and obtaining the written approval of the Head of Department. Undergraduates who are unable to attend lectures, tutorials etc., for three consecutive days or more due to illness must submit a valid medical certificate. Strict measures will be taken by the Departments of studies to monitor the attendance of undergraduates at lectures, tutorials etc., for evaluating their performance as well as for permitting them to take the respective End of Course examinations. Therefore, continued attendance at classes is essential.

2 Administrative Setup of the University

2.1 The Chancellor and Officers of the University

Every University has a Chancellor appointed by The President. The Chancellor is the Head of the University and chairs the Annual Convocation of that university. The Principal Executive Officer of a University is its Vice-Chancellor who is also appointed by the President. The University administration is divided into two sectors: Academic and Non-academic.

Although the Vice-Chancellor is in overall charge of both academic and non-academic matters, the Registrar is the Principal Executive Officer for all non-academic matters. The officer responsible for the financial sector is the Bursar. There are several Senior Assistants Registrars, Assistant Registrars, Senior Assistant Bursars and Assistant Bursars assisting the Vice-Chancellor/ Registrar/Bursar.

2.2 Administration of the Faculties

Each Faculty has a Dean, who is the Head of the Faculty concerned. The Dean is the academic and administrative head of the Faculty concerned and the Chairman of the Faculty Board. Heads of Departments are appointed by the Vice-Chancellor from among the senior academic staff of the respective departments. Each Department is comprised of academic staff (Senior Professors, Professors, Associate Professors, Senior Lecturers, Lecturers and Probationary Lecturers). The Faculty has an Assistant Registrar to assist the Dean with Faculty administration. Students are encouraged to seek assistance from the Office of the Dean and the Heads of Departments regarding their study programme and appropriate subject combinations.

2.3 Administrative Branches of the University

A brief account of the services related to students carried by the different administrative organs of the university is given below.

2.3.1 Administration Branch

Administration branch handles many matters including postal, communication and transport services, which are services relevant to the students.

2.3.2 Establishments Branch

The Establishments branch handles the works relating to university employees and is therefore not relevant to the students.

2.3.3 Examinations and Admissions Branch

Examinations and Admissions branch handles the work of students' registrations, examinations and release of results. This branch prepares the degree certificates and maintains the academic records and register of graduates. It also issues the transcripts and details of examination results at the request of the students.

2.3.4 Welfare Services Branch

This branch looks after the welfare of the University students and hence one of the most important administrative organs of the University as far as the students is concerned. It handles matters such as providing accommodation to students at the University hostels and helping the students to get accommodation outside the University, providing canteen facilities, maintaining social harmony among the students, student counselling, health services and the matters relating to student discipline in the University. It also handles the work relating to the Vice-Chancellor's Fund, the Mahapola, and Bursaries etc.

2.3.5 Academic and Publication Branch

The Academic branch engages itself with the works relating to the Senate meetings, publication of annual reports, books, etc., making arrangements for the convocation and handling the endowments for scholarships, prizes and Gold Medals.

3 The structure of the Bachelor of Technology Honours degree programme

3.1 Programme Overview

Academic Programme of the Faculty of Technology, University of Jaffna operates on a modularized credit valued and semester based course unit system. The structure is designed to meet the Sri Lankan Qualification Framework (SLQF) requirements. Accordingly, the Bachelor of Technology Honours Degree programme offered by the faculty fall into level 6. Moreover, the Bachelor of Technology Honours Degree programme in Engineering Technology is structured with an aim of meeting the Sydney Accord and obtaining accreditation by the Institute of Engineers Sri Lanka (IESL) whereas the Bachelor of Technology Honours Degree programme in Biosystems Technology is structured with an aim of obtaining accreditation by the National Biotechnology Industry Association (NBIA). The curriculum of the programme is outcome based and complies with the subject benchmark standards (SBS) wherever applicable.

The Faculty of Technology is offering four year Bachelor of Technology Honours degree programme comprising eight semesters. The students will follow specialization courses from second year second semester onwards. The approved structure of the Bachelor of Technology Honours degree programme is adopted according to the "Guidance on Evaluation of Performance Calculation of Degree Programmes offered under Technology Stream" in order to maintain consistency and comparability of university level qualifications. The adopted structure of "Guidance on Evaluation of performance" will be come in to effect from 2017/18 Academic year.

3.1.1 Admission to Bachelor of Technology Honour Degree Programme

Students are admitted annually by the University Grants Commission from the Advanced Level technology streams.

3.1.2 Degrees

The Faculty offers Bachelor of Engineering Technology and Bachelor of Biosystems Technology of four years duration. At present the Faculty provides three specializations under Bachelor of Engineering Technology, namely Construction Technology, Automobile Technology and Electro Technology and two specializations under Bachelor of Biosystems technology, namely Commercial Green Farming Technology and Food Production Technology. The specialization commences from the fourth semester and selection is made at the end of the third semester based on the student performance in the first three semester examinations in Technology.

3.1.3 Names of the Degrees

The degrees are named according to the type of the programme and SLQF norms.

Programmes	Specialization	Name of the degree (As approved by the UGC)
Bachelor of Engineering Technology Honours	Construction Technology	Bachelor of Engineering Technology Honours
	Automobile Technology	Bachelor of Engineering Technology Honours
	Electro Technology	Bachelor of Engineering Technology Honours
Bachelor of Biosystems Technology Honours	Commercial Green Farming Technology	Bachelor of Biosystems Technology Honours in Commercial Green Farming Technology
	Food Production Technology	Bachelor of Biosystems Technology Honours in Food Production Technology

3.1.4 Academic year

An Academic year consists of two semesters, Semester-1 and Semester-2.The duration of a Semester is 16 weeks with one week vacation nearly halfway of the semester.

3.1.5 Credit valued course unit system

A course unit is a subject module that has a credit value. A credit a time based quantitative measure assigned to course units on the basis of number of contact hours. The performance of students in the course units are divided into a sequence of sub-ranges designated by symbols called Grades and each Grade is assigned a Grade Point Value (GPV). The credit rating of course units offered by the Faculty may vary from two credits (minimum) to eight credits (maximum).

3.1.6 The subject Areas

Core and Elective Subject Area: Course units in this area are designed to impart the technical content of the curriculum. It includes course units in mathematics, basic science, and information communication technology and specialization courses for both degree programmes.

Enhancement Subjects Area: Course units in this subject area are designed to either enhance or supplement the technological content of the curriculum.

Complimentary Subjects Area: Course units in this area are designed to complement technological content of the curriculum. It includes course units in management, economics, professional ethics, social sciences, humanities, etc.

Auxiliary Subjects Area: Course units in this subject area are designed to provide basic knowledge on topics that an undergraduate should possess in the present era. The auxiliary course units are treated as non-credit valued course units as they are not taken for the GPA calculation.

3.1.6.1 *Abbreviations for Course Categories and Subject Areas*

<table>
<tr><td colspan="3">Engineering Technology</td><td colspan="3">Biosystems Technology</td></tr>
<tr><td>ETM</td><td>Mathematics</td><td rowspan="8">Core and elective courses</td><td>BTM</td><td>Mathematics</td><td rowspan="4">Core and elective courses</td></tr>
<tr><td>ETS</td><td>Science</td><td>BTS</td><td>Science</td></tr>
<tr><td>ETC</td><td>Construction technology</td><td>BTF</td><td>Food production technology</td></tr>
<tr><td>ETA</td><td>Automobile technology</td><td>BTG</td><td>Commercial Green Farming technology</td></tr>
<tr><td>ETE</td><td>Electro-technology</td><td colspan="3" rowspan="4"></td></tr>
<tr><td>ETW</td><td>Workshop technology</td></tr>
<tr><td>ETD</td><td>Engineering drawing</td></tr>
<tr><td>ETF</td><td>Fieldwork</td></tr>
<tr><td>AST</td><td colspan="5">Auxiliary Subjects for Technology</td></tr>
<tr><td>CST</td><td colspan="5">Complimentary Subjects for Technology</td></tr>
<tr><td>EST</td><td colspan="5">Enhancement Subjects for Technology</td></tr>
</table>

3.1.6.2 *Course Categories*

The course units are classified into five categories and arranged into four levels according to the nature of the course and year at which the course is offered and they are defined as follows,

Basic Core (BC) – Mathematics, basic science, information communication technology and foundation course units in the common programme.

Technical Core (TC) – Core course of a principal subject directly related to the specialization offered in the programme.

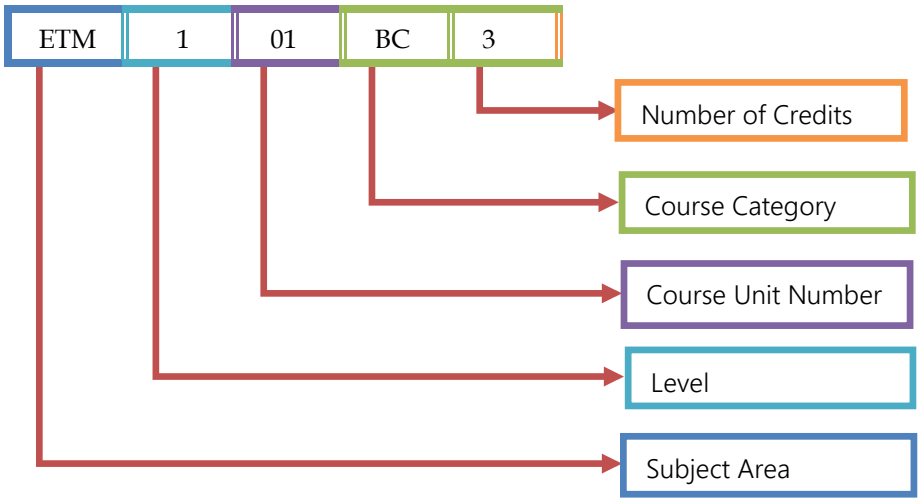
Technical Elective (TE) – Outside the core course of a principal subject which directly related to the specialization offered in the programme and courses offered in addition to the core course module to provide broader knowledge of the subject

Non-Technical (NT) – Courses on complementary studies which cover courses on Management, Economics, Communication, English, Humanities, Social Sciences, Art and Professional Ethics, not directly related to the principal subjects of specialization.

Skill Enhancement (SE) – Courses focusing on training or enrich graduates' skills required by an employer Skills enhancement courses include industrial placement/internship/field training and final year research project.

3.1.7 Course Codes

Each Course unit assigned with a code which reflects the subject area of the course, nature of the course, level (year) of course, and course unit number of that level, course category and credit value of the course.



3.2 Definition of a credit

For course units consisting of theory only, 15 hours of lectures is equivalent to one credit. For course units involving laboratory work, 15 practical sessions each of two to three hours duration is equivalent to one credit. The credit values of courses that have both theory and practical components are calculated by giving due weightage to the components accordingly, as stipulated above. For course units involving field work, the assigned credit value shall be given in the approved syllabi. For Research Projects of one semester duration, the assigned credit value shall be from 3 to 6.

3.3 Credit Requirements

Students will be evaluated in all registered course units including those in auxiliary subject areas. However the credit-values earned for the auxiliary course units shall not be considered for the calculation of overall Grade Point Average of the degree programme.

3.4 Evaluation Procedures and Examinations:

A course unit shall be evaluated by means of;

- Continuous Assessment (CA): students' performance is evaluated during the lecture period by means of assignments, course-works, reports, presentations, viva examinations, quizzes, spot test, mid semester examinations etc.
- End Semester Assessment (ESA): students' performance is evaluated at the end of the semester by means of written and/or practical examination. The method of evaluation of each course unit is given along with the syllabus.

3.4.1 Continuous Assessments

All continuous assessments (CA) of any course unit will be carried out during the lecture period of that course unit. Mid semester examination of a course units will be conducted at the dates and times determined by the Office of the Dean in consultation with the Department offering that course unit. Other mode of continuous assessment will be conducted by the lecturer in-charge during the lecture period. The Head of the Department concerned is responsible for the marks awarded to all components of the continuous assessments of course units offered by the respective Department. The grade of the marks scored by a student in the various components of the continuous assessments of any course unit will be displayed in the notice board of that department by the Head of Department.

3.4.2 End Semester Assessment

End Semester Assessment will be conducted for each course unit at the end of the semester in which the teaching of the course is completed. The end semester assessment will be conducted by the Examination Branch of the Faculty / University. The date and time of the end semester assessment will be decided at the beginning of each semester by the Dean in consultation with the Heads of Departments. A Pre-Examination Board of the Faculty constituted for each course unit will finalize the results of that course unit.

The Grades obtained by the students in the end semester assessment and the overall Grades obtained by the students for that particular course shall be displayed by the Head of the Department concerned after ratification by the Faculty Examination Board. The Dean will send grades list to the examination branch along with detail mark sheets. When the results of all the course units of a particular semester of an academic year are received by the examination branch, the examination branch will call for an Examination Board meeting chaired by the Vice-Chancellor. The Examination Board will release the final results of the course unit of a semester. The Examination Board chaired by the Vice-Chancellor will also release the awards of degrees with the overall GPA and the Class of Honours obtained by the students who have completed that course of study in an academic year.

3.4.3 Grades and Grade Point Value

The grade of the course unit is determined according to the grading system shown in Table below. Each grade will carry a Grade Point Value (GPV) which is used to calculate the student performance in each semester or year. The percentage marks, grades and the corresponding GPV are indicated in Table below.

Percentage Marks	Grade	GPV	Description
85 and above	A+	4.00	Excellent
80-84	A	4.00	
75-79	A-	3.70	
70-74	B+	3.30	Good
65-69	B	3.00	
60-64	B-	2.70	
55-59	C+	2.30	Pass
50-54	C	2.00	
45-49	C-	1.70	Weak Pass
40-44	D+	1.30	Conditional Pass
35-39	D	1.00	
34 and below	E	0.00	Fail

Note:

- In order to earn grade D or above, student must score more than the minimum prescribed marks for both Continuous Assessment (CA) and End Semester Assessment (ESA). If the assessment is only by CA, minimum prescribed mark for CA will apply.
- If necessary arises, a floating marking scheme could be adopted for Basic Core courses (Essential mathematical, Science, Computer related courses units, and foundation courses units in the principal subjects) based on the approval of pre faculty level examination board.

a) References to indicate the status when a course unit is not completed

If a student is not completed a course unit, the following reference will be indicated in the result sheet instead of grade.

Reference	Grade Point	Description
E (CA & ESA)	0.0	Both CA and ESA marks are below the prescribed minimum. Incomplete CA and ESA
E (ESA)	0.0	CA mark is below the prescribed minimum. Incomplete CA
N	0.0	ESA mark is below the prescribed minimum. Incomplete ESA
W	-	Academic concession
	-	Withdrawn

b) Pass/Fail criteria

(i) Percentage pass mark for the CA of a course unit is equivalent to the minimum mark assigned for Grade D+.
Percentage pass mark for the ESA of a course unit is equivalent to the minimum mark assigned for Grade D.
(Proportion of marks allocated for CA is 30% and ESA is 70% for theory oriented modules and 40% for CA and 60% for ESA for practically oriented)
(ii) Grade D or above is required to earn credit value for a course unit.
(iii) Student failing in CA, ESA or both CA and ESA must repeat respective components.
(iv) Grades C- , D+, D or E, which can be improved to a Grade C, are considered for calculating Semester Grade Point Average (SGPA)
(v) Student is considered to have completed a semester successfully if he/she has achieved SGPA of 2.00 or above, and has, in that

semester no E grade and no more than three grades at the level C-, D+ or D. (Note: E grades will be included in calculating SGPA)
(vi) Student should get grade D or above for English Language and auxiliary course unit for the successfully completion. These grades are not included in SGPA calculation.

c) Requirement for successful completion

I. Each semester GPA should be 2.00 or above
II. No E grade in each semester
III. No more than three grades at the level of C-, D+ or D in each semester.
IV. Grade C or above for English language
V. Grade D or above for Auxiliary course.

d) Grade Point Average (GPA)

The overall performance of a student is measured based on the GPA. The grade point average for a semester or for a set of course unit is calculated using the following formula:

$$\text{GPA} = \frac{\sum c_n g_n}{\sum c_n}$$

Where c_n is the credit value assigned for a course unit and g_n is the grade point value (GPV) obtained for that course unit. The GPA is rounded to two decimal place.

Overall Grade Point Average (OGPA) is calculated from the GPA at the completion of the degree programme.

3.4.4 Academic Progression

A student who has not successfully completed the first three semesters will not be permitted to register for the fifth semester until the SGPA and Grades in each of the first three semesters are improved as required. Grade (s) obtained for English Language will not be a barrier, provided SGPA and other criteria are satisfied. Successful completion of a semester is defined in section 3.4.3 (c).

(a) Selection criteria for specialization: Student should apply for a specialization at the Deans office using the approved application form within the dead line and selection is based on the preference and merit of the SGPA.
(b) Prerequisites: preference will be given those who have followed the prerequisite course unit that is indicated in the specialization courses.

3.4.5 Eligibility for End Semester Exam

3.4.5.1 *Attendance*

A student who has minimum 80% attendance in theory class and practical class is eligible to apply for the end semester examination. If a student does not satisfy 80% attendance, it is indicated as NOT ELIGIBLE and permitted to repeat the exam at the next available chance. The highest grade provided for this repeat examination is C.

Those who are unable to attend the teaching learning activities due to medical reason should submit a medical certificate issued by government hospital/University medical officer to the Dean of the Faculty within two weeks from the absence. Any other medical certificates should be certified by university medical officer. Those student will be allowed for the examination as proper with the recommendation of the faculty board and senate.

Any students participating in sports competition should get prior approval from the Dean by submitting letter issued by director/physical education. This will be accommodated attendance calculation for the 80% requirement.

3.4.5.2 *Continuous Assessment (CA)*

Those who obtained pass grade (D+) for CA are eligible to apply for the end semester examination.

3.4.5.3 *Repeating Examinations*

The following students are entitled to repeat the end semester examination of a particular course

- Absent for a particular course
- Not Eligible to sit the exam
- Students who wish to upgrade the grade up to C

A student can repeat the end semester examination only three time with in the six academic years.

A student shall repeat the end semester examination of a course unit at the next first available opportunity. If the student fails to sit that end semester examination without giving valid reasons acceptable to the Faculty Board of Technology and the Senate, he/she shall be considered to have forfeited a chance to sit that examination and will be given the grade E for the end semester assessment of that course unit.

A student who obtained a grade below C for a course unit may repeat the end semester examination of that course unit in order to improve the grade.

(a) If a student obtains a lower grade than previous grade while repeating, he/she is entitled to keep the previous grade.
(b) The highest grade that could be awarded for a repeated course unit is C.
(c) A student will not be allowed to repeat a course unit more than two times.
(d) The maximum period allowed for completing the four year degrees programme shall be twelve semesters (six academic years). Students are allowed to repeat the end semester examinations only within this period. This would exclude periods of absence

caused by medical or other valid reasons acceptable to the Faculty Board and the Senate. The senate of the university may grant one academic year at a time, beyond initial six (06) academic years, based on the merit of individual appeal, for a maximum of 03 years.

For students repeating the end semester examination of a course unit, the marks obtained for continuous assessment at their first attempt would be carried forward to determine the final grade for that course unit.

The maximum number of academic credits a repeat candidate can enrol in a semester is 27. Repeat under exceptional circumstances, deviations to this limit may be permitted by the Dean, with the consent of the heads of the department, which is subjected to the approval of the Faculty Board and the Senate.

The students who not get pass in continuous assessment CA, can repeat the CA of a particular course in next available opportunity and the grade C will be given for that particular course.

Those who wants to repeat the CA should apply through the Deans office. Only one chance will be given.

Note 1: The maximum grade offered for the repeaters is C.

2: Those who submitted medical certificated and accepted by the faculty board and senate are eligible to repeat the end semester examination as proper candidate.

3.4.5.4 *Sitting for alternative Elective*

A student may offer an alternative elective in place of a technical elective for which he/she has failed to secure a passing grade. However, the grades obtained by the student in all electives are included in his/her academic transcript. The GPA is calculated considering the grades and credits of the course units claimed by the student for his degree which have been offered in the Final Course.

3.4.5.5 *Award of degree requirements*

I. Obtained Semester GPA 2.00 or above
II. Overall GPA 2.00 or above
III. No E grade in each semester
IV. No more than three grades at the levels of C- or D+ or D in each semester.
V. Grade C or above for English language
VI. Grade D or above for all the auxiliary courses (Non-GPA)

3.5 Common Programme offered in Technology (Semester I, II and III)

The common programme spans for three semesters from first semester to third semester. The primary objective of the common programme is to provide fundamental knowledge and skills to pursue specialized technological programme such as Engineering Technology, Biosystems Technology, Information and Communication Technology, etc. At the end of common programme, a student should be able to;

- Demonstrate fundamental concepts in core technology disciplines (Either in Construction, Automobile, Electro or Food Production, Green Farming)
- Know when and how to use fundamental science and mathematical concepts for technological problems
- Demonstrate simple solution to broadly-defined technological problems
- Describe the basic concepts of ICT and effectively use application software to increase productivity when solving technological problems
- Find ethical and environmentally friendly solution to simple technological challenges
- Develop attribute to respect multicultural aspects and actively participating in teamwork
- Practice health and safety procedures in relevant discipline
- Develop confident level and effectively communicate in English

In common programme, there are compulsory core course units amount to 44 and 48 academic credits including Non-GPA English communication Skills for Bachelor of Engineering Technology (BET) and Bachelor of Biosystems Technology (BBST) respectively. The list of course units offered under the common programme is given below.

3.5.1 Common programme for Engineering Technology

Semester	Course Unit Title	Code	Credits
1	Mathematics for Engineering Technology I	ETM101BC3	03
	Science for Technology I	ETS101BC3	03
	Information and Communication Technology	EST104BC2	02
	Engineering Drawing and Workshop Technology I	ETA101BC3	03
	Metrology	ETF101BC2	02
	English Communication Skills I	AST107NT2	02
2	Mathematics for Engineering Technology II	ETM103BC3	03
	Science for Engineering Technology II	ETS103BC3	03
	Engineering Drawing and Workshop Technology II	ETA102BC3	03
	Foundation in Electrical and Electronic Technology	ETE101BC3	03
	Foundation in Construction Technology	ETC111BC3	03
	English Communication Skills II	AST113NT2	02
3	Mathematics for Engineering Technology III	ETM202BC3	03
	Engineering Materials	ETS202BC3	03
	Electrical Installation Practices	ETE203BC3	03
	Building Services	ETC205BC2	02
	Foundation in Automobile Technology	ETA201BC3	03
	Personality and Communication Skill Development	EST207NT2	02

3.5.2 Common programme for Biosystems Technology

Semester	Course Unit Title	Code	Credits
1	Physics for Technology	BTS101BC2	02
	Chemistry for Technology	BTS102BC3	03
	Basic Mathematics and Statistics	BTM103BC2	02
	Information and Communication Technology	EST104BC2	02
	Basic Biology	BTS105BC3	03
	Biochemistry	BTF106BC3	03
	English Communication Skills I	AST107NT2	02
2	Instruments for Technology	BTS108BC3	03
	Food and Nutrition	BTF109BC3	03
	Plant Production Technology	BTG110BC3	03
	General Microbiology	BTG111TC3	03
	Farm Production Systems	BTG113BC3	03
	English Communication Skills II	AST113NT2	02
	Social Harmony and Citizenship	AST114NT2	02
3	Food Analysis	BTF201TC3	03
	Principles and Practices of Organic Farming	BTG202TC2	02
	Food Marketing and Business Economics	CST203BC2	02
	Food Preservation Technology	BTF204TC3	03
	Biotechnology	BTG205TC2	02
	Livestock and Feed Production Technology	BTG206TC3	03
	Environmental Toxicology	BTG207TC2	02

3.6 Special Programme in Technology

Special programme prepare the student who has completed the common programme to the SLQF 6 honours level degree which spans from fourth semester to eighth semester in various specializations. The course units offered in the special programme are identified as Basic core (BC) units, Technical Core (TC) units, Technical Elective (TE) units, Non-Technical (NT) units, and Skill Enhancement (SE) units amount to 74 academic credits, and mandatory industrial training amounts to 06 academic credits (total of 74 credits). Currently the following specialized programmes are offered;

Bachelor of Engineering Technology Honours

- Construction Technology
- Automobile Technology
- Electro Technology

Bachelor of Biosystems Technology Honours

- Commercial Green Farming Technology
- Food Production Technology

New programme will be added in upcoming years as the faculty grows and acquires physical and human resources.

3.7 Award of Classes

A student who satisfies the requirement of the award of degree within 4 academic years may earn a class honours. The class honours will be determined based on his/ her GPA as summarized in below Table.

GPA	Academic standing
GPA ≥ 3.70	First Class
3.30 ≤ GPA < 3.70	Second Class (Upper Division)
3.00 ≤ GPA < 3.30	Second Class (Lower Division)
2.00 ≤ GPA < 3.00	Pass

3.8 The Syllabi of the Degree Programme

The Bachelor of Engineering Technology honours degree programme is designed to meet the SLQF Level 6 standards and Sydney Accord requirements. Entire programme offers 122 academic credits including 06 from industrial training. The total number of earned academic credits includes minimum of 18 academic credits in mathematics, basic science and computing; and minimum of 15 academic credits for studies in management, engineering economics and communication; 03 academic credits in humanities, social science, art and professional ethics.

The Bachelor of Biosystems Technology honours degree programme is designed to meet the SLQF Level 6 standards. Entire programme offers 122 academic credits including 06 from industrial training and 06 from Research project. The total number of earned academic credits includes academic credits in mathematics, basic science and computing; and academic credits for skill enhancement studies; and academic credits in technical subjects.

Every course unit has assigned with credit value that reflects the volume of learning. The syllabi of the course unit is designed as outcome based with clearly stated objectives, ILOs , delivery of contents , teaching and learning methods, and evaluation methods. Moreover the whole curriculum is designed such a way that as the students makes progress, desired EPO would be gradually achieved.

Note: Curriculum revision for all specialization are in progress. The revised curriculum will be issued before the academic program starts for 2019/2020 batch.

3.8.1 Bachelor of Engineering Technology Honours

Construction Technology Specialization

Semester	Course Unit Title	Code	Credits
1	Mathematics for Engineering Technology I	ETM101BC3	03
	Science for Technology I	ETS101BC3	03
	Information and Communication Technology	EST104BC2	02
	Engineering Drawing and Workshop Technology I	ETA101BC3	03
	Metrology	ETF101BC2	02
	English Communication Skills I	AST107NT2	02
2	Mathematics for Engineering Technology II	ETM103BC3	03
	Science for Engineering Technology II	ETS103BC3	03
	Engineering Drawing and Workshop Technology II	ETA102BC3	03
	Foundation in Electrical and Electronic Technology	ETE101BC3	03
	Foundation in Construction Technology	ETC111BC3	03
	English Communication Skills II	AST113NT2	02
3	Mathematics for Engineering Technology III	ETM202BC3	03
	Engineering Materials	ETS202BC3	03
	Electrical Installation Practices	ETE203BC3	03
	Building Services	ETC205BC2	02

	Foundation in Automobile Technology	ETA201BC3	03
	Personality and Communication Skill Development	EST207NT2	02
4	Mathematics for Engineering Technology IV	ETM203BC3	03
	Structural Mechanics	ETC209TC3	03
	Introduction to Computer Aided Design	ETC210TC3	03
	Fluid Mechanics	ETC211TC3	03
	Soil Mechanics	ETC212TC3	03
	Concrete Technology and Testing	ETC213TC3	03
5	Construction Contracts and Procurements	ETC302TC2	02
	Design of Steel and Timber Structures	ETC303TC3	03
	Structural Analysis	ETC304TC3	03
	Surveying	ETC305TC3	03
	Surveying Field Camp	ETC306TC2	02
	Fundamental of Management Accounting	CST307NT2	02
	Geotechnology	ETC308TC3	03
6	Project management and Planning	CST309NT2	02
	Transportation Technology	ETC310TC3	03
	Hydraulic Technology	ETC311TC3	03
	Design of Reinforced Concrete Structures	ETC312TC3	03

	Professional Ethics and Human Value	CST313NT2	02
	Research Methodology	EST314SE2	02
	Computing for Technology	EST315TC2	02
	Elective Module 1: Environmental Engineering Technology Remote sensing and Geographical Information System	 ETC316TE3 ETC317TE3	03
7	Industrial Training	EST401SE6	06
8	Research project	EST402SE6	06
	Economics and cost analysis for project management	CST405NT3	03
	Industrial operations management	CST406NT2	02
	Elective module 2: Highway and transportation system design Irrigation Technology Sustainable Built Environment Technology	 ETC403TE3 ETC406TE3 ETC407TE3	03

3.8.2 Bachelor of Engineering Technology Honours

Automobile Technology Specialization

Semester	Course Unit Title	Code	Credits
1	Mathematics for Engineering Technology I	ETM101BC3	03
	Science for Technology I	ETS101BC3	03
	Information and Communication Technology	EST104BC2	02
	Engineering Drawing and Workshop Technology I	ETA101BC3	03
	Metrology	ETF101BC2	02
	English Communication Skills I	AST107NT2	02
	Mathematics for Engineering Technology II	ETM103BC3	03
2	Science for Engineering Technology II	ETS103BC3	03
	Engineering Drawing and Workshop Technology II	ETA102BC3	03
	Foundation in Electrical and Electronic Technology	ETE101BC3	03
	Foundation in Construction Technology	ETC111BC3	03
	English Communication Skills II	AST113NT2	02
	Mathematics for Engineering Technology III	ETM202BC3	03
3	Engineering Materials	ETS202BC3	03
	Electrical Installation Practices	ETE203BC3	03
	Building Services	ETC205BC2	02
	Foundation in Automobile Technology	ETA201BC3	03
	Personality and Communication Skill Development	EST207NT2	02
	Mathematics for Engineering Technology I	ETM101BC3	03
4	Mathematics for engineering technology IV	ETM203BC3	03
	Applied thermodynamics	ETA209TC3	03

	Mechanics of machines I	ETA202TC3	03
	Automobile electrical and electronic systems	ETA211TC3	03
	Automobile engines and components	ETA212TC1	01
	Automobile workshop practice and management	ETA213TC3	03
	Computer aided drafting and modelling	ETA214SE2	02
5	Automobile engines and operations	ETA302TC3	03
	Automobile drivetrain and control	ETA303TC2	02
	Automobile air conditioning and auxiliary systems	ETA304TC2	02
	Fault diagnosis of automobile systems	ETA305TC2	02
	Computing for automobile technology	ETA306SE2	02
	Fundamentals of financial accounting	CST307NT2	02
	Mechanics of machines II	ETA307TC3	03
6	Project management and planning	CST309NT2	02
	Alternative fuels and pollution control	ETA310TC2	02
	Mechatronics and control theories	ETA311TC3	03
	Hybrid and electric drivetrain	ETA312TC3	03
	Professional ethics and human value	CST313NT2	02
	Research methodology	EST314SE2	02

	Design of automobile components	ETA315TC3	03
	Elective Module I: Advanced materials engineering Aerodynamics for automobile technology	 ETA316TE2 ETA317TE2	02
7	Industrial training	EST401SE6	06
8	Research project	EST402SE6	06
	Vehicle dynamics and control	ETA403TC2	02
	Economics and cost analysis for project management	CST405NT3	03
	Industrial operations management	CST406NT2	02
	Automobile interior design	ETA406TC2	02
	Elective Module II: Heavy vehicle technology High performance vehicle technology	 ETA407TE2 ETA408TE2	02

3.8.3 Bachelor of Engineering Technology Honours

Electro Technology Specialization

Semester	Course Unit Title	Code	Credits
1	Mathematics for Engineering Technology I	ETM101BC3	03
	Science for Technology I	ETS101BC3	03
	Information and Communication Technology	EST104BC2	02
	Engineering Drawing and Workshop Technology I	ETA101BC3	03
	Metrology	ETF101BC2	02
	English Communication Skills I	AST107NT2	02
2	Mathematics for Engineering Technology II	ETM103BC3	03
	Science for Engineering Technology II	ETS103BC3	03
	Engineering Drawing and Workshop Technology II	ETA102BC3	03
	Foundation in Electrical and Electronic Technology	ETE101BC3	03
	Foundation in Construction Technology	ETC111BC3	03
	English Communication Skills II	AST113NT2	02
3	Mathematics for Engineering Technology III	ETM202BC3	03
	Engineering Materials	ETS202BC3	03
	Electrical Installation Practices	ETE203BC3	03
	Building Services	ETC205BC2	02

	Foundation in Automobile Technology	ETA201BC3	03
	Personality and Communication Skill Development	EST207NT2	02
4	Mathematics for Engineering Technology IV	ETM203BC3	03
	Electrical Machine I	ETE209TC3	03
	Electrical Power Generation	ETE211TC3	03
	Control System Engineering	ETE213TC3	03
	Electronics and Circuit System.	ETE210TC3	03
	Computer Programming using C++	EST212BC3	03
5	Electrical Transmission and Distribution System	ETE302TC3	03
	Electrical Machine II	ETE303TC3	03
	Measurement and Instrumentation	ETE304TC3	03
	Power Electronics and Applications.	ETE305TC3	03
	Computing for Electro Technology	ETE306TC2	02
	Fundamentals of financial Accounting	CST307NT2	02
6	Project management and planning	CST309NT2	02
	Electronics and Communication	ETE310TC3	03
	Industrial Automation Technology.	ETE311TC3	03
	Electrical Drives and Control	ETE312TC3	03
	Professional Ethics and Human Value	CST313NT2	02
	Research methodology	EST314SE2	02

	Embedded Systems	ETE315TC3	03
7	Industrial Training	EST401SE6	06
8	Research Project	EST402SE6	06
	Robotics and Automation	ETE403TC2	02
	Renewable power generation technology	ETE404TC2	02
	Economics and Cost Analysis for project management	CST405NT3	03
	Industrial Operations Management	CST406NT2	02
	Elective module I: High Voltage Technology Signals and systems	 ETE407TE3 ETE408TE3	03

3.8.4 Bachelor of Biosystems Technology Honours

Food Production Technology Specialization

Semester	Course Unit Title	Code	Credits
1	Physics for Technology	BTS101BC2	02
	Chemistry for Technology	BTS102BC3	03
	Basic Mathematics and Statistics	BTM103BC2	02
	Information and Communication Technology	EST104BC2	02
	Basic Biology	BTS105BC3	03
	Biochemistry	BTF106BC3	03
	English Communication skills I	AST107NT2	02
2	Instruments for Technology	BTS108BC3	03
	Food and Nutrition	BTF109BC3	03
	Plant Production Technology	BTG110BC3	03
	General Microbiology	BTG111TC3	03
	Farm Production Systems	BTG113BC3	03
	English Communication Skills II	AST113NT2	02
	Social Harmony and Citizenship	AST114NT2	02
3	Food Analysis	BTF201TC3	03
	Principles and Practices of Organic farming	BTG202TC2	02

	Food Marketing and Business Economics	CST203BC2	02
	Food Preservation Technology	BTF204TC3	03
	Biotechnology	BTG205TC2	02
	Livestock and Feed Production Technology	BTG206TC3	03
	Environmental Toxicology	BTG207TC2	02
4	Agro Enterprise Development and Management	CST208NT2	02
	Food Safety and Sanitation	BTF209TC2	02
	Fermentation Technology	BTF210TC2	02
	Food Engineering	BTF211TC3	03
	Food Chemistry	BTF212TC3	03
	Spice and Herbal Products Technology	BTF213TC2	02
	Sensory Evaluation of Food	BTF214TC2	02
5	Food Microbiology	BTF301TC2	02
	Fruits and Vegetables Process Technology	BTF302TC2	02
	Novel Food Product Development	BTF303TC2	02
	Grain Science and Technology	BTF304TC2	02
	Fish and Egg Products Technology	BTF305TC2	02
	Confectionary and Beverage Technology	BTF306TC2	02
	Kernel and Nut Processing Technology	BTF307 TC2	02
	Renewable Energy Technology	BTG308TC2	02
6	Food Packaging and Labeling	BTF309TC2	02

	Food Plant Layout and Design	BTF310 TC2	02
	Palm Products Technology	BTF311TC2	02
	Elective Module: Link-tech entrepreneurship Consumer Driven Cultural Foods Technology	 BTF312TE2 BTF313TE2	02
	Sustainable Consumption and Production	CST313NT2	02
	Dairy Products Technology	BTF314TC2	02
	Meat and Meat Products Technology	BTF315TC2	02
	Functional Foods and Nutraceuticals	BTF316TC2	02
7	Organizational Management	CST401NT3	02
	Research Methodology	CST402NT2	02
	Cleaner Production Technology	EST403TC2	02
	Biostatistics	BTM404TC2	02
	Bioethics	AST405NT2	02
	Environmental Impact Assessment	CST406NT2	02
	Designs of Experiment	BTM408TC2	02
	Industrial Training	BTF409SE6	06
8	Research Project	BTF407SE6	06

3.8.5 Bachelor of Biosystems Technology Honours

Commercial Green Farming Technology Specialization

Semester	Course Unit Title	Code	Credits
1	Physics for Technology	BTS101BC2	02
	Chemistry for Technology	BTS102BC3	03
	Basic Mathematics and Statistics	BTM103BC2	02
	Information and Communication Technology	EST104BC2	02
	Basic Biology	BTS105BC3	03
	Biochemistry	BTF106BC3	03
	English Communication skills I	AST107NT2	02
2	Instruments for Technology	BTS108BC3	03
	Food and Nutrition	BTF109BC3	03
	Plant Production Technology	BTG110BC3	03
	General Microbiology	BTG111TC3	03
	Farm Production Systems	BTG113BC3	03
	English Communication Skills II	AST113NT2	02
	Social Harmony and Citizenship	AST114NT2	02
3	Food Analysis	BTF201TC3	03
	Principles and Practices of Organic Farming	BTG202TC2	02

	Food Marketing and Business Economics	CST203BC2	02
	Food Preservation Technology	BTF204TC3	03
	Biotechnology	BTG205TC2	02
	Livestock and Feed Production Technology	BTG206TC3	03
	Environmental Toxicology	BTG207TC2	02
4	Agro Enterprise Development and Management	CST208NT2	02
	Food Safety and Sanitation	BTF209TC2	02
	Water Conservation Technology	BTG210TC2	02
	Green Soil Fertility Management	BTG211TC2	02
	Floricultural Technology	BTG212TC2	02
	Urban Gardening	BTG213TC2	02
	Productive Entomology	BTG214TC2	02
	Marine and Brackish Water Fish Production	BTG215TC2	02
5	Bio agents Production Technology	BTG301TC2	02
	Fruits and Vegetables Process Technology	BTF302TC2	02
	Land Degradation and Pollution Management	BTG303TC2	02
	Agronomy of Underutilized crops	BTG304TC2	02
	Small Scale Green Farming	BTG305TC2	02
	Forage science and Range Management	BTG306TC2	02
	Farm Mechanization Technology I	BTG307TC2	02
	Renewable Energy Technology	BTG308TC2	02

6	Food Packaging and Labelling	BTF309TC2	02
	Vermitechnology	BTG310TC2	02
	Farm Mechanization Technology II	BTG311TC2	02
	Elective Module: Quantitative Techniques in Forestry Landscape and Architectural design	 BTG312TE2 BTG313TE2	02
	Sustainable Consumption and Production	CST313NT2	02
	Agroforestry for Technology	BTG314TC2	02
	Plant Protection Technology	BTG315TC2	02
	Farm Layout Development Management	BTG316TC2	02
7	Organizational management	CST401NT3	02
	Research Methodology	CST402NT2	02
	Cleaner Production Technology	EST403TC2	02
	Biostatistics	BTM404TC2	02
	Bioethics	AST405NT2	02
	Environmental Impact Assessment	CST406NT2	02
	Designs of experiment	BTM408TC2	02
	Industrial Training	BTG409SE6	06
8	Research Project	BTG407SE6	06

4 Supportive Facilities for Learning and Sports

4.1 The Main Library

The University Library is situated in front of the Students Centre. It is named after Prof. S. Vithiananthan, the first Vice-Chancellor of the Jaffna University, as "Vithiananthan Library". Access to this building is from the Western side of the building facing the Science Faculty. There are branch libraries in the Faculty of Agriculture, Faculty of Technology, Faculty of Engineering, Faculty of Medicine, Ramanathan Academy of Fine Arts (RAFA) and the Siddha Medicine Unit.

Opening hours:

Week days 8.30 am to 6.15 pm; Saturdays 8.30 am to 2.30pm.
The Library is closed on Sundays and public Holidays.

4.1.1 The Faculty Library

Faculty of Technology has got its own library. It is functional with lending and reference facilities. Student can get access to range of books for their successful progress in academic programme. This library is to be upgraded with IT and network facilities in near future. A small IT unit will be established inside the library and it will serve for online of books. In addition to this Wi-Fi zone is going to be established to facilitate teaching and learning process of the faculty, coupled with library.

4.2 The Computer Unit

The main computer unit, located at the Library and Faculty of Science premises, serves as the provider of computer services for the whole University. It helps in the teaching of computer courses in all the Faculties and units. The unit has internet access facilities for both students and staff.

The Information Technology Resource Centre (ITRC) was established in 2004 in Level 2 of the main Vithyananthan Library to expand the IT services provided to the staff and students of the whole University. The unit has four teaching laboratories and one Internet Laboratory. The four labs have about 195 computers. The Internet lab has 40 computers. It houses servers for running the network related services.

The faculty of technology also has a computer unit which is located in university premises (Kilinochchi) to provide services to the students.

4.3 The Physical Education Unit

The students are encouraged to take part in Sports to keep themselves physically fit and develop sports skills. The Physical Education Unit situated behind the Medical Faculty Complex handles the following:

- Providing Sports facilities
- Maintaining the sports equipment and materials
- Facilitating friendly matches and tournaments
- Conducting tournaments
- Conducting Colours awarding ceremony
- Making arrangements for participation in the inter university games
- Affiliating with outside sports associations and coordinating with them

The Sports Complex has a large playground where Courts for Tennis, Basketball, Hockey, Cricket, Soccer, Netball, Volley ball and Elle have been set up and maintained. The Physical Education Unit provides about more than 26 games to the students: Athletic, Badminton, Basketball, Carom, Chess, Cricket, Elle, Gymnastic, Hockey, Karate, Netball, Rugby, Soccer, Table tennis, Volleyball, Weightlifting, etc. There is a sports complex is available at Ariviyal Nagar premises in order to fulfill the students' needs regarding sport activities from the faculties of Agriculture, Engineering and Technology.

4.4 Useful Telephone Numbers

Faculty of Technology	Telephone Number
Dean office	021 – 206-0169
Assistant Registrar	021 – 206-0169

Administrative Office/Branch/Unit	Telephone Number	Administrative Office/Branch/Unit	Telephone Number
University - General Information	021 – 221 8100	Deputy Chief Marshal	021 – 222 9668
Vice Chancellor	021 – 2222294	Chief Security Officer	021 – 222 8862
Registrar	021 – 2222006	Senior Student Counsellor	021 – 222 9668
Bursar	021 – 2224767	Librarian	021 – 222 2970
Deputy Registrar /Administration	021 – 2226517	Computer Unit	021 – 222 2259
Deputy Registrar /Student Admission	021 – 222 6714	English Language Teaching Centre	021 – 221 7423
Deputy Registrar /Examination	021 – 222 3609	Physical Education Unit	021 – 222 3482
Assistant Registrar / Welfare Services	021 – 222 6716	Peoples Bank (University Branch)	021 – 222 2072
University Medical Officer (UMO)	021 – 221 8130	Bank of Ceylon (University Branch)	021– 221 9570

5 Staff / Faculty of Technology

OFFICE OF THE DEAN

Dean	• Dr. (Ms.) S. Sivachandiran Ph.D, B.Sc [Hons] Agri. (Peradeniya, SL)
Former Deans (Acting)	• Prof K. Kandasamy B.Sc. [Hons.] (Peradeniya, SL) Ph.D. (Keele, UK) • Prof. S. Srisatkunarajah B.Sc. [Hons.] (Jaffna,SL), Dip. in Ed. (OUSL), Ph.D. (Heroit-Watt, UK)
Assistant Registrar	• Mr. T. Thivakaran B.Sc. [Hons.] (Wayamba, SL)
Management Assistant	• Ms. S. Vivedani NVQ 4 – Draughtsman and Basic Civil Engineering • Ms. S. A. SanatSanchuvi HNDIT
Works Aid	• Mr. T. Anusiyan • Mr. P. Sriragubavan

ACADEMIC STAFF

Department of Engineering Technology

Head of the Department	• Dr. (Eng). B. Ketheesan Acting Head (Department of Engineering Technology) PhD (NMSU, USA), M.Sc Env. Eng (NMSU, USA), B.Sc. Eng (Peradeniya), AMIE(SL).
Senior lecturer	• Dr. (Eng.) T. H. K. Nawarathna Ph.D. (Hokkaido, JAPAN), M. Eng. (Moratuwa), B.Sc. Eng. (Hons) (Moratuwa), AMIE (SL).
Lecturers	• Dr. (Eng). Sivakumar Gowthaman Ph.D. (Hokkaido, JAPAN), M.Sc., B.Sc. Eng. (Hons) (Peradeniya, SL), AMIE (SL). • Eng. Nallainathan Sakthivelnathan (On study Leave) Ph.D. (Reading) (Murdoch, Australia), M.Sc. (Peradeniya, SL), B.E. EEE, MIEEE AMIE (SL). • Eng. Randika Chandana Ambagala PG. Dip (Peradeniya), B. Tech Eng. (Hons.) (OUSL), AMIE (SL), IMechE. • Eng. Balaskandan Banujan (On Study Leave) Ph.D. (Reading) (Canterbury, NZ), M.Sc.E. (New Brunswick, CAN), DUT (New Brunswick, CAN), B.Sc.Eng. (Hons.) (Moratuwa), AEng(SL), AMIE(SL). • Eng. Arulampalam Kunaraj (On study Leave) Ph.D. (Reading) (UKM, Malaysia), P.G. Dip (Moratuwa), B. Tech (SRM)

	• Eng. J. Joy Mathavan B. Tech (Mech. Eng.) (NIT, Jaipur), AMIE (SL), AEng (ECSL) • Eng. M. Nithurshan M.Sc. GeoTech. (Peradeniya), B.Sc. Eng. (Hons) (Peradeniya, SL), AMIE (SL), GREENSL® AP. • Eng. P. Rajeevkaran (On Study Leave) Ph.D. (Reading) (Regina, Canada), M.Sc., B.Sc. Eng. (Hons) (Moratuwa, SL), AMIE (SL). • Eng. (Mr.) Akila Eranda Jayasinghe B.Sc. Eng. (Hons) (Jaffna, SL) AMIE (SL), MIEEE. • Eng. S. Seralathan M.Sc. Eng (Reading) (Moratuwa), BSc. Eng (Honours), AMIE (SL). • Eng. T. Sam Niroshan MEng. (Reading) (Moratuwa), B.Sc. Eng. (Hons.) (Moratuwa), CTHE (SJP), AMIE(SL), AEng.(SL). • Eng. K. Jeyamohan M.Sc in Struct. Eng. (Reading) (UOP, SL), B.Sc (Hons) in Civil Eng (UOP, SL), AMIE (SL), AMSSE (SL). • Eng. T. Thinojah M. Sc. Eng. (Peradeniya), B.Sc. Eng. (Hons.) (Jaffna), AMIE(SL). • Er. R. Athavan MSc in Env & Water Eng. (Reading) (Peradeniya, SL), B.E (Civil Engineering) (GTU, IN), AMIE (IN), CEng(IN). • Eng. K. Thanirosan M. Eng. (Structural Eng, AIT, Thailand), B.Sc. Eng. (Hons.1) (Civil Eng, Moratuwa),

	AMIE (SL), AMSSE. (SL). • Eng. K. Pirunthan B.Sc. Eng. (Hons) (Moratuwa), AMIE(SL). • Eng. V. Madhushan B.Sc. (Hons.) (Jaffna) • Eng. (Ms). K. Saikrisha P.G. Diploma (University of Moratuwa, SL), B.E. ECE. • Eng. N. Satheeskanth M.Sc. (Reading) (Moratuwa) B.E ECE, AMIE(SL) , AEng(ECSL) • Eng. S. Niranjanan M.Sc. in Mech. Eng. (NTU, Singapore), B.Sc. (Hons) in Mech. Eng. (UOP, SL), AMIE (SL), ECSL (SL).
Workshop Engineer	• Eng. A. Arthanan B.Sc. Eng (Peradeniya), AMIE (SL)
Technical Officers	• Mr. S. Niruparan (NDT – Civil (ITUM), B. Tech. (Reading) (OUSL), AMIIE (SL) • Mr. R. Eragan BEng. (Hons) (Mechanical Engineer) • Mr. A. Snjeevean B. Sc. (Hons) (Jaffna, SL) • Mr. J. Rajeevan Draughtsmanship (NVQ 4))

Mechanic	• Mr. T. Luxman NVQ Level 5 (Reading)
Lab-Attendant	• Mr. Y. Elankeeran

Department of Biosystems Technology

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