www.sci.jfn.ac.lk | scienceuoj@univ.jfn.ac.lk | 021 222 2685

Faculty of Science
University of Jaffna

Undergraduate
Student Handbook
Academic Year 2018 / 2019

August 2020

FACULTY OF SCIENCE

UNIVERSITY OF JAFFNA, SRI LANKA

Academic Year
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Message from the Competent Authority

As one of the pioneering members of the Faculty of Science and the Chief Executive Officer of the University, I am pleased to extend my best wishes to the 45th batch of students entering the Faculty of Science in August 2020. The Faculty of Science is one of the pioneer faculties of the University of Jaffna established in 1974.

I am happy to note that you have selected the best option to pursue a science degree programme at the University of Jaffna. The graduates from the faculty are well-known for their scholarly attributes. Most of the graduates of the faculty have been doing well in all walks of life, especially as administrators, educators, ICT professionals, and scientists in the country as well as abroad.

Graduates of the faculty exhibit scholarship with versatile skills, meeting the needs of the local and national communities. It is with utmost confidence, I believe that you would make use of the facilities available at the university to hone yourselves as responsible and competent science graduates to fulfil the dreams of your parents and that of the society.

I wish you all the best for a productive and happy university life.

Professor K. Kandasamy
Competent Authority
University of Jaffna

Message from the Dean

On behalf of the Faculty of Science, University of Jaffna, I take this opportunity to welcome you all to the Faculty and wish you a successful and rewarding period of stay in the Faculty. We are happy that you have taken a wise decision to undertake a Bachelor of Science Degree programme at this prestigious faculty which has a good track record of producing competent and skilful graduates. The programmes offered by the Faculty lead to the Bachelor of Science degree of either three-year or four-year duration, which are designed to provide knowledge on both pure and applied sciences, together with comprehensive skills development components.

As you enter the Faculty of Science, there may be many questions that you would like to be answered. In this Handbook, we seek to answer some of the queries that are common to everybody and to provide you with information on nature/structure of the degree programmes, subjects and courses offered, methods of evaluation and available student support services. I believe that this Handbook would provide you the necessary information to enable you to begin your undergraduate education with confidence.

Due to COVID-19 pandemic situation, the faculty has made changes to the programme delivery while giving you the best possible academic experience. The impact of social distancing is likely to mean that we will not be able to deliver all our teaching in a usual manner, and a part of the teaching may need to be delivered with the aid of a learning management system and video conferencing. The faculty

is determined to work hard for providing students with the highest quality education and offers the best possible experience.

In the event of any queries or problems, you are strongly advised and encouraged to consult your Lecturers, Student Counsellors, Academic Counsellors, and the Heads of Departments.

I wish you a fruitful, safe, and blissful university life.

Best wishes

Professor P. Ravirajan
Dean, Faculty of Science
University of Jaffna
Website : http://www.sci.jfn.ac.lk
E-mail : deanscience@univ.jfn.ac.lk
uojscience@univ.jfn.ac.lk
Tele/Fax No.: +94(0)21 222 2685

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1. University Education

1.1. University of Jaffna

1.1.1. Brief History

The Jaffna Campus of the University of Sri Lanka was established in 1974 with a ceremonial inauguration on October 06, 1974 and Late Professor K. Kailasapathy was appointed as the first President. The Jaffna Campus was upgraded as an autonomous university bearing the name "University of Jaffna" on January 01, 1979 (For more details: http://www.jfn.ac.lk/ index.php/history).

1.1.2. Vision of the University of Jaffna

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

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

1.1.3. Mission of the University of Jaffna

"Providing quality teaching and learning and by carrying out research in producing intellectually and professionally competent capable graduates to meet the emerging challenges of the national and international community with special emphasis on the social, economic and cultural needs of Northern Sri Lanka"

1.1.4. Crest of the University of Jaffna

The crest of the university, shown above, has the *'நந்தி'* (bull) symbol at its centre *நந்தி* adorned the flag of the Jaffna Kingdom that existed in 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, symbolising the growth of wisdom along with culture.

1.2. Faculty of Science, University of Jaffna

1.2.1. Brief History

The Faculty of Science was set up in October 1974 at Vaddukoddai in the premises taken over from the Undergraduates' Section of the Jaffna College. The first batch of students numbering 103 was admitted to the Faculty on 25th of October 1974 and only a course in Mathematics and Statistics was provided initially. The late Professor P. Kanagasabapathy functioned as the first Dean of the Faculty and the Head of the Department of Mathematics and Statistics. After the appointment of Heads of Departments and a few Assistant Lecturers for some of the other disciplines in science, courses in physical science and bioscience were started in 1975. Thirty-five students were admitted to these courses in the academic year 1975/76. As the facilities available in the small laboratories at Vaddukoddai were grossly inadequate for work beyond the first year Courses and future development at Vaddukoddai was not possible due to acute shortage of freshwater and space, a decision was taken to erect new buildings for the Faculty of Science at Thirunelvely where the Faculty of Humanities and the administrative offices were sited.

The Faculty shifted to the Thirunelvely premises in June 1978 soon after the completion of the Natural Science Block (Stage I), the foundation for which was laid on 07 May 1975. In 1977, funds were voted for a building to the Department of Physics and this building came into the occupation in September 1980. Funds were also voted for two other buildings in 1979, one for the Department of Mathematics and Statistics and the other for the Department of Chemistry. The Mathematics block was completed in 1985, and the Chemistry Block was completed in 1988. The Natural Science Block (Stage II) was opened for academic activities in 2013. The foundation for the building to the Department of Computer Science was laid on 27 June 2019 with the World Bank funded AHEAD operations. The construction of the building is scheduled to be completed by March 2021.

The Faculty of Science consists of seven departments. The annual intake of students to the faculty had increased over the years, and it was about 250 in the mid-eighties. Since 2009, the faculty is flourished with the intake of students from all parts of the Island representing all ethnicities which added a conducive multicultural environment in the faculty to foster and promote social harmony. Under the President's scholarship scheme, a few international students have also been admitted to the faculty since 2016. The current student population at the faculty is over 1200.

1.2.2. The Vision of the Faculty of Science

"*To be a recognised centre of science learning in Sri Lanka*".

1.2.3. The Mission of the Faculty of Science

"*To produce competent graduates who excel in learning and research in basic sciences and who could contribute to the development of the nation*".

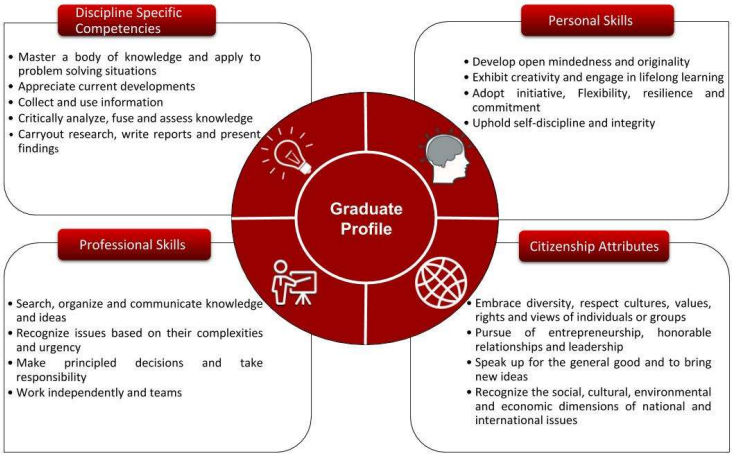
1.2.4. Objectives

The faculty offers number of degree programmes and the expected programme objectives are outlined below:

- To attain an internationally recognisable level of teaching and research.
- To disseminate scientific knowledge and popularise science.
- To improve the quality of science education.
- To provide services directed towards the environmental, social and technological needs of the region.
- To be a regional research centre in science, developing indigenous scientific methods using local resources to improve the economic and social conditions of the local population.

1.2.5. Graduate Profile

The graduate profile describes the expected attributes, in terms of Discipline-specific components, Personal skills, Professional skills and Citizenship qualities of the graduates of the Faculty of Science.



1.2.6. Teaching Framework

The medium of instruction in the Faculty of Science is English/Tamil. Instruction in each course unit may take place in the form of lectures, tutorials, discussions, practical classes, seminars, projects, assignments, self-learning exercises and/or other forms approved by the Faculty Board of Science and the University Senate. Following the COVID-19 pandemic situation, the Faculty has been practising the Learning Management System (LMS) and video conferencing in teaching learning process.

Attendance

Undergraduates must attend and participate in lectures, tutorials, practical classes, and other activities assigned to them, to register his/her attendance by signing the attendance list, and to maintain 80% of attendance 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 the Department offering that subject. Undergraduates who are unable to attend lectures, tutorials etc., for three consecutive days or more due to illness must submit a valid medical certificate within three days from the date of resuming the academic activities.

Strict measures are adopted 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, continuous attendance for classes is essential.

2. Student Learning Resources and Supportive Services

2.1 Student Learning Resources

2.1.1 Main Library

The main library, known as 'Vithiananthan Library' (named after Professor S. Vithiananthan, the first Vice-Chancellor of UoJ), is situated in the main campus of the UoJ at Thirunelvely and renders its services to faculties including Faculty of Science. The library membership is open to all registered students and staff of UoJ. Presently, the library consists of 270,000 accessioned information resources in all fields of knowledge, and 1,400 titles of scholarly journals and general magazines. In addition, electronic resources consisting of online full-text databases and audio-visual resources can be accessed at the e-Resource laboratory available in the main library. Further, access to a research repository and digital library is also available. Library provides services, such as reference and lending, inter-library loan, document delivery and email alert. (For more details: www.lib.jfn.ac.lk).

2.1.2 Computer Unit

The Computer Unit (CU), located in the Vithiananthan Library building, provides IT services to the whole University. CU staff conduct computer literacy courses for new entrants admitted to all the faculties and study units. CU possesses around 200 computers in five laboratories with good internet connectivity, out of which four laboratories are used for teaching various IT related courses for academic departments in the university and one laboratory is reserved for students' self-learning activities. CU also takes care of the computer networking facilities of the university and the maintenance of various servers. (For more details www.cu.jfn.ac.lk).

2.1.3 Department of English Language Teaching

The faculty, with the assistance of the Department of English Language Teaching (DELT) of the university, offers English Language courses to all first-year and second-year students to improve their speaking, writing, and reading skills in English language (For more details: www.arts.jfn.ac.lk/index.php/staff-eltc).

In addition, the faculty is in the process of establishing a language laboratory above the Office of the Dean under the World Bank funded AHEAD operations.

2.1.4 Learning Management System

A Learning Management System (LMS) is an e-based tool for the administration, documentation, tracking, reporting, automation, and delivery of educational resources and training programmes. The faculty has been utilizing the Moodle-based LMS as one of the complementary tools to facilitate blended/e-learning. It can be accessed via http://lms.jfn.ac.lk/lms/. An induction programme on the effective use of LMS will be conducted during the orientation programme and whenever the need arises.

2.2 Student Support Services

The student support services are provided by the university and the faculty to facilitate the comfortable learning and living environment of the students. The services includes health care, sports and recreation, finance, counselling, mentoring, and general welfare.

2.2.1 Student Welfare Services Branch

This branch looks after the welfare of the university students and hence one of the most important administrative branches of the university as far as the students are 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 disbursal of funds related to the Vice-Chancellor's Fund, Mahapola Fund, and Bursaries.

Hostels are administered by full-time sub-wardens; part-time academic wardens are appointed to help in the administration. Owing to the limited capacity in the hostels, only the new entrants and the final year students are assured of hostel accommodation.

2.2.2 Students' Complex

The Students' Complex, located on the main campus, is a common amenity that provides facilities to hold discussions, perform recreational activities, and celebrate cultural and social events. The complex possesses the following:

- Alumni Office
- Canteens
- Post-office
- Offices of the Senior Student Counsellor, Proctor, and Marshal
- Career Guidance Unit
- Welfare Services Branch
- University Business Linkage
- Prayer rooms
- Bank of Ceylon
- Students' Union Offices
- Well-Being Centre
- Stationery Shops
- Open Study Hall (Hotspot)

2.2.3 University Health Centre

The University Health Centre (UHC), located on the main campus, provides health care services to the university community. The centre provides both western and Siddha medical treatments. The UHC attends to the health problems of students and staff of the University throughout the year. A 24-hour emergency ambulance service is also available.
(For more details: www.jfn.ac.lk/index.php/health-centre).

2.2.4 Physical Education Unit

The Physical Education Unit (PEU) along with indoor and outdoor sports facilities and a playground, situated near the Faculty of Medicine. It provides opportunities for students and staff to carry-out indoor and outdoor sports and recreational activities. It organises, coordinates and administers competitive sports activities, such as Inter-Faculty and Inter-University Games.

2.2.5 Centre for Gender Equity and Equality

The Centre for Gender Equity and Equality (CGEE), located on the main campus, creates awareness on GEE among the University community by conducting workshops and training programmes and providing a platform on a regular basis for discussions on Sexual and Gender-Based Violence (SGBV) and its prevention. It also handles complaints related to SGBV within the University community by instituting a consistent and fair grievance redressing mechanism based on the bylaws relating to SGBV and upholding zero tolerance to SGBV. (For more details; www.unit.jfn.ac.lk/cgee).

2.2.6 Student Counselling System

This well-coordinated and effective system ensures better services in student support, welfare and counselling, and streamlines the student disciplinary matters. At faculty level, student counsellors operate under the guidance of the Dean and work in liaison with the Senior Student Counsellor to guide students in their transition from school to university environment, and assist them in overcoming learning, financial and emotional difficulties, and help to make their university life rewarding, pleasant and memorable.

The Academic Counsellors, appointed for each discipline, provide academic guidance to students. The details of the counsellors shall be found at www.sci.jfn.ac.lk/index.php/student-counsellors/.

2.2.7 Social Harmony and Student Conduct

Learning is worthless if one cannot exercise self-control in conduct and behaviour. Well-regulated life and living in social harmony bring happiness and honour. You are the future leaders of this country, and you should set an example to people in other walks of life by being disciplined and living in social harmony with the other students and the public.

(a) Ragging

The harassment of first-year undergraduates by other undergraduates has been a serious problem in university campuses in Sri Lanka. Described as "ragging" the practice originally involved mild teasing of groups of first-year undergraduates at social functions organised during the first weeks of the new academic year. It was rationalised and justified as a way of "getting to know" the first-year students and helping them to socialise with seniors in the university community.

Over the years, "ragging" has become to mean extreme harassment and even physical and the mental torture of the first-year undergraduates at a time when they need friendship and support to adjust to a new environment of undergraduate life, often away from their homes and families. Ragging has all the manifestations of torture and inhuman and degrading treatment.

There is no justification whatsoever for this type of conduct on campus, by any undergraduates. First-year undergraduates who harass their batch-mates in this way are as responsible for ragging as seniors who engage in this type of conduct. Ragging in this form is a criminal activity that violates the Criminal Law of the land. Any undergraduate found ragging can be reported to the police, and arrest and prosecution will follow. This has already happened in some universities where ragging has been detected.

In addition, ragging is an infringement of the fundamental rights of the victims, and university authorities themselves become responsible if they fail to take action against the perpetrators. Compensation awarded by the courts has to be paid to the victim of ragging. Undergraduates must understand that ragging is a

serious criminal offence which goes far beyond the violation of university discipline.

Any undergraduate found engaged in ragging will be reported to the university authorities, and if necessary to the police for appropriate action. First-year undergraduates are, therefore, urged to take a positive stand against ragging. Please join with the staff and the majority of undergraduates who reject this criminal conduct and help to eliminate ragging from the faculty and the university.

Some Salient Features of the Prohibition of Ragging and Other Forms of Violence in Educational Institutions Act No. 20 of 1998 are given below:

This law makes ragging a distinct and punishable offence. Any act which causes or is likely to cause physical or psychological injury, fear or mental pain in an undergraduate or a member of staff is called ragging. Not only a person who commits ragging but also those who participate in ragging is liable under the Act. Ragging can take place within or outside an educational institution.

(b) Punishment for ragging

The punishment for ragging which takes place within or outsides an educational institution is two years of rigorous imprisonment. In addition, the court can award compensation to the victim. Where ragging leads to sexual harassment or grievous hurt, the punishment is increased to ten years imprisonment and an award of compensation. The latter offence is generally non-bailable.

In addition, the court can, depending on the gravity of the offence, order the expulsion of a student from an educational institution if that person is found guilty of any of the offences contained in the Act.

(c) Other offences envisaged under the Act

Acts of criminal intimidation, hostage-taking, wrongful restraint and unlawful confinement committed by any person against any student or a member of the staff, are punishable offences. While the maximum imprisonment for criminal intimidation is five years, other offences each carry a maximum period of seven years imprisonment. If anyone threatens to cause injury to the person, reputation or property of any student or a member of the staff in order to compel that person to do something which that person is not legally required to do, such action will amount to criminal intimidation. Hostage-taking is generally a non-bailable offence.

If any person forcibly occupies any premises of an educational institution, that person is guilty of an offence. Such a person could be imprisoned for ten years or fined up to ten thousand rupees or subjected to both punishments. Similarly, anyone who causes damage to any property of an educational institution commits an offence and could be liable to imprisonment for a period not exceeding twenty years and a fine which is five thousand rupees or three times the value of the loss or damage whichever is higher. It is important to note that the offences and punishments specified in the Act are in addition to those which are to be found in the Penal Code, the Convention Against Torture Act or any other law.

(d) Deputy Proctor

A Deputy Proctor of the faculty acts under the guidance of the Dean and works with the Proctor on matters of student discipline.

The details of the deputy proctor of the faculty can be found at www.sci.jfn.ac.lk/index.php/student-counsellors/.

(e) Online Complaints Mechanism against ragging

An Online Complaints Mechanism against ragging has been set up by the UGC as a means for students to lodge a complaint regarding incidents of ragging, harassment, intimidation, and bullying. The online portal can be accessed via https://eugc.ac.lk/rag/

2.2.8 Well-Being Centre and Well-Being Cell

The Well-Being (WeBe) Centre provides psychosocial and psychiatric support and counselling and treatment to students and staff of the UoJ. The WeBe Cell of the faculty functions in liaison with the WeBe Centre.
(For more details: https://sites.google.com/univ.jfn.ac.lk/well-being-centre).

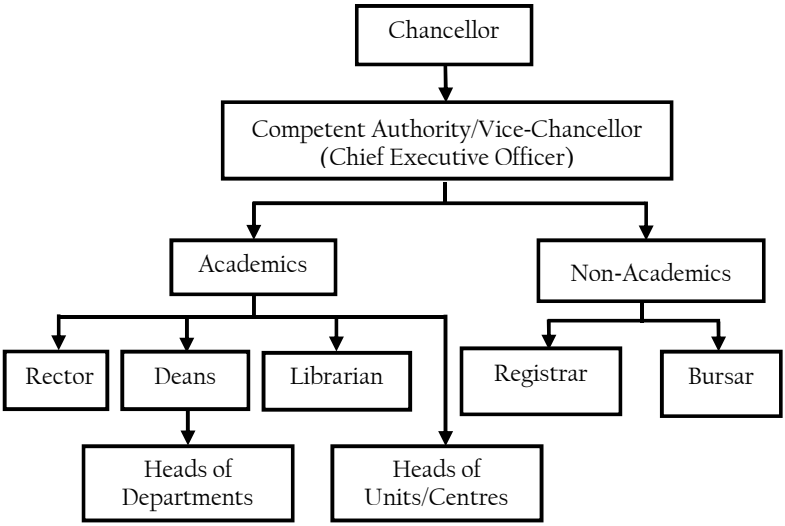
2.2.9 Career Guidance Unit and Faculty Career Guidance Cell

The Career Guidance Unit (CGU), along with the Faculty Career Guidance Cell (FCGC), cultivates transferable, personal and interpersonal skills of students for their career development and ensures flow of information on graduate career opportunities and employers' expectations.
(For more details: https://sites.google.com/univ.jfn.ac.lk/career-guidance-unit)

2.2.10 University Business Linkage

The University Business Linkage (UBL) and UBL-Faculty Cell create tangible and intangible values to boost the economic activities of enterprises in the region through mentoring, knowledge sharing, new and novel approaches, innovations, and technology transfer.
(For more details: https://sites.google.com/ view/ubl-jaffna/home).

3. Administrative Setup of the University



3.1. Role of the University Grants Commission and the Ministry of Higher Education, Technology and Innovation

There are fifteen universities in Sri Lanka. Even though they are autonomous universities, the financial allocations for the universities, admission of students to the universities, rules and regulations regarding governance and staff recruitments and infrastructure and academic developments of the universities are controlled by the Ministry of Higher Education, Technology and Innovation of the Government through the University Grants Commission (UGC). His Excellency (HE) the President of Sri Lanka appoints the Chairman and members of the UGC.

3.2. The Chancellor and Officers of the University

- Every University has a Chancellor appointed by HE the President. The *Chancellor is the Head of the University* and chairs the Annual Convocation of that university.
- The Chief Executive Officer of a University is its *Vice-Chancellor* who is also appointed by HE 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 Deputy Registrars, Senior Assistants Registrars, Assistant Registrars, Senior Assistant Bursars and Assistant Bursars assisting the Vice-Chancellor/ Registrar/Bursar.

3.3. The Faculties and Academic Departments

There are ten Faculties in main and Kilinochchi premises of the University of Jaffna, and three in the Vavuniya Campus of the University of Jaffna. They are:

Main Premises

1. Faculty of Allied Health Sciences
2. Faculty of Arts
3. Faculty of Graduate Studies
4. Faculty of Hindu Studies
5. Faculty of Management Studies and Commerce
6. Faculty of Medicine
7. Faculty of Science

Kilinochchi Premises (Ariviyal Nagar)

8. Faculty of Agriculture
9. Faculty of Engineering
10. Faculty of Technology

Vavuniya Campus

11. Faculty of Applied Sciences
12. Faculty of Business Studies
13. Faculty of Technological Studies

Each Faculty has academic Departments of Study. The Faculty of Science, University of Jaffna has the following seven academic departments:

1. Department of Botany
2. Department of Chemistry
3. Department of Computer Science
4. Department of Fisheries

5. Department of Mathematics and Statistics
6. Department of Physics
7. Department of Zoology

3.4. Administration of the Faculties

Each Department comprises of academic staff (Senior Professors, Professors, Associate Professors, Senior Lecturers, Lecturers and Probationary Lecturers). The list of Academic Staff in the Departments of the Faculty of Science are given in Annexure F.

Heads of Departments are appointed by the Vice-Chancellor from among the senior academic staff of the respective departments.

A *Faculty Board* comprises all the permanent academic staff, two representatives from the probationary lecturers of the faculty, three members among prominent persons working in disciplines related to the faculty, and two representatives of the students. The faculty board makes recommendations/decisions regarding academic matters in the faculty.

Each Faculty has a *Dean*, who is the academic and administrative head of the faculty concerned and the Chairperson of the Faculty Board. The Dean is elected by the Faculty Board from among the Heads of Departments and incumbent Dean to serve the faculty for a period of three years reckoned from the date of election.

The office of the present Dean of the Faculty of Science is located in the western side of the Physics Block. The faculty has an Assistant Registrar to assist the Dean with the faculty administration. The names and contact details of the Dean, the Heads of Departments and the Assistant Registrar of the Faculty of Science are given in Annexure E.

The Vice-Chancellor, the Deans, the Registrar, the Bursar and the Librarian are the Principal Officers of the University. The names of the present Principal Officers and the Chancellor of the University are given in Annexure D. Students are encouraged to seek assistance from the Office of the Dean, the Academic counsellors, and the Heads of Departments to sort out any issues regarding their study programmes and selection of subject combinations.

3.5. The University Senate

The University Senate is the highest academic body of the university. All the Deans, Professors, Heads of Departments and two academics elected from each Faculty are the members of the Senate. The Vice-Chancellor is the Chairperson of the Senate. All recommendations made by the Faculty Board regarding academic matters are referred to the Senate for its approval.

3.6. Administrative Branches of the University

A brief account of the functions carried out by the different administrative branches of the university is given below:

3.6.1. Administration Branch: Administration branch handles many matters including postal, communication and transport services that are relevant to the students.

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

3.6.3. Admissions Branch: Admissions branch handles the works relating to students' registrations.

3.6.4. Welfare Services Branch: Please refer section 2.2.1

3.6.5. Academic and Publication Branch: The Academic and Publication branch engages itself in conducting the Senate meetings, publication of annual reports, books, etc., making arrangements for the convocation and handling the endowments for scholarships, prizes and gold medals.

3.6.6. Finance Branch: The Finance Branch handles all the financial matters including purchases and supplies.

3.6.7. Planning and Maintenance Branch: This branch is responsible for utilities such as Water and Electricity Supply and maintenance of all infrastructure.

3.6.8. Security Department: This department is headed by a Chief Security Officer (CSO) with security personnel to protect the properties of the university and give security to the university community.

4. Structure of the Bachelor of Science Degree Programmes in the Faculty

4.1 Degrees

The Faculty offers BSc degrees of three-year duration (traditionally referred to as the General degree) and BSc Hons degree of four-year duration (one type of which is traditionally referred to as the Special degree).

Selection to BSc Hons subject-specific degree programme is made at the end of the second year (Level 2). In the case of the BSc Hons in Applied Science degree programme, the selection is made at the end of the third year (Level 3) of study.

Selection for a four-year degree programme is generally based on the availability of places and on the performance of students in the examinations.

Biological Science and Physical Science stream students who have passed the GCE (A/L) Examination and have satisfied all the respective entrance requirements are admitted to the faculty by the UGC.

Students are also admitted by the UGC directly to a subject-specific programme. At present, students are admitted only to Computer Science study programme as direct-intake. These students follow a three-year degree. The selection to Honours degree programme shall be made at the end of the second year of study (Level 2S) based on the performances of these students in the first two years of studies.

4.1.1. BSc degrees (Three years)

This degree (traditionally known as the General degree) programme is offered to the following category of students:

(a) Students following a three-year degree.

(b) Students selected to a four-year Honours degree programme but opt to exit at the end of the third year.

The name of the degrees and the abbreviations are illustrated in Table 1.

Table 1

Stream of study	Name of the Degree	Abbreviation
Biological Sciences	Bachelor of Science	BSc
Physical Sciences		
Computer Science	Bachelor of Science in Computer Science	BSc (Computer Science)

Subjects offered for the BSc degree for Biological and Physical Science streams shall be found in Table 4.

4.1.2. BSc Hons degree (Four years)

The name and the abbreviations for the BSc Hons degrees are illustrated in Table 2

Table 2

Subject of study	Name of the Degree	Abbreviation of the degree
Botany	Bachelor of Science Honours in Botany	BSc Hons (Botany)
Chemistry	Bachelor of Science Honours in Chemistry	BSc Hons (Chemistry)
Computer Science (Physical Science Stream)	Bachelor of Science Honours in Computer Science	BSc Hons (ComputerSc)
Computer Science (Direct-intake)	Bachelor of Science Honours in Computer Science	BSc Hons (Computer Science)
Fisheries Science	Bachelor of Science Honours in Fisheries Science	BSc Hons (Fisheries Science)
Mathematics (Pure and Applied Mathematics)	Bachelor of Science Honours in Mathematics	BSc Hons (Mathematics)
Physics	Bachelor of Science Honours in Physics	BSc Hons (Physics)
Statistics	Bachelor of Science Honours in Statistics	BSc Hons (Statistics)
Zoology	Bachelor of Science Honours in Zoology	BSc Hons (Zoology)
Applied Science	Bachelor of Science Honours in Applied Science	BSc Hons (AppliedSc)

4.2. Academic year, SLQF Levels and Faculty Descriptors

An academic year consists of two semesters, Semester 1 and Semester 2. The duration of each semester is 15 weeks excluding a week of mid-semester break, any university approved vacation, and periods of examinations.

Different years of study are also indicated by the corresponding Sri Lanka Qualifications Framework (SLQF) levels and the faculty levels. These are given in Table 3.

Table 3

Year of Study	SLQF Level	Faculty Descriptors[#]
First Year	SLQF Level 3	Level 1G/1S
Second Year	SLQF Level 4	Level 2G/2S
Third Year	SLQF Level 5	Level 3G/3M/3S
Fourth Year	SLQF Level 6	Level 4M/4S/4X

[#]G-General, M- Subject-specific honours, S- Subject-specific direct-intake, X- Applied Science

Note: All students should renew their registration at the beginning of each subsequent academic years.

4.3. Subjects

4.3.1. Principal Subjects

The faculty offers four principal subjects in the Biological Science stream, six in the Physical Science stream and Computer Science for direct-intake students as shown in Table 4. Courses in principal subjects are offered throughout the degree programmes.

Table 4

Principal Subject against Streams	
Biological Science stream	Botany Chemistry Fisheries Science Zoology
Physical Science stream	Applied Mathematics Chemistry Computer Science Physics Pure Mathematics Statistics
Direct-intake	Computer Science

Departments may restrict to admit number of students based on their z-score

In the first two years of their study programme, students follow courses in three principal subjects. Biological Science stream students may select any three principal subjects from Table 4. Only a limited number of students from Physical Science stream, being selected based on their z-score shall be able to choose Computer Science as one of the three subjects, and the other two subjects from Table 5 shown below. Other students from Physical Science stream may make their choice of **their three principal subjects,** as shown in Table 5

Table 5

1	2	3
Chemistry **OR** Physics **OR** Statistics	Pure Mathematics	Applied Mathematics

- Students wishing to do the Honours degree in Mathematics should offer both Pure Mathematics and Applied Mathematics during their first and second years.

- Students wishing to offer the Honours degree in Statistics should also offer Pure Mathematics in their first and second years.

Direct-Intake students are allowed to follow courses only in the subject for which they are admitted by the UGC.

The subjects for the Level 4X courses in Applied Science are

- Biology
- Botany
- Chemistry
- Computing
- Physics
- Financial Mathematics and Industrial Statistics
- Zoology

4.3.2. Supplementary Subjects

Depending on the demand and the availability of the resources, the following supplementary subjects are offered in Level 3:

- Information Technology[1]
- Biotechnology
- Biomathematics and Statistics[2]
- Electronics[3]
- Environmental Science
- Food Science and Nutrition
- Medicinal Chemistry

[1] *Not for students who offered Computer Science as a subject in Levels 1 and 2.*
[2] *Not for students who offered Statistics as a subject in Levels 1 and 2.*
[3] *Not for students who offered Physics as a subject in Levels 1 and 2.*

Students following or opting for the three-year General degree may choose any of these subjects dropping courses with equal number of credits in one of their principal subjects in Level 3G. Students choosing this option must take all the courses (amounting to a total of 6 credits) offered in the selected supplementary subject (See Annexure B).

4.3.3. English

In collaboration with the Department of English Language Teaching (DELT) the faculty conducts 60 hours (2 hours per week) of English Language courses in Levels 1G/1S and Levels 2G/2S. A student should attend at least 80% of the classes.

A student who has obtained a grade of **A** or **B** in the subject General English in the GCE (A/L) Examination may be granted exemption from following this course provided that he/she submits a certified copy of the results sheet (along with the original for checking purpose only) to the AR/Science and obtains approval of the Faculty Board.

4.3.4. Life Skills and Career Fair

The faculty conducts these programmes after the first half of the second semester in every academic year.

4.3.5. Computer Applications

The faculty, in collaboration with the Computer Unit of the University, will conduct certain courses in Computer Applications twice in a year.

4.3.6. Mathematics for Biological Science Students

This non-credit course will be conducted in the first year. The departments responsible for the principal subjects in Table 4 will organise this course.

4.4. Courses

Courses in the faculty are offered in the form of credit valued modules generally known as course units.

- For course units consisting of theory only, 15 hours of lectures and tutorials is equivalent to one credit.
- For course units involving laboratory work, 15 practical sessions each of 2 -3 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 or industrial training the assigned credit value shall be given in the approved syllabi.
- For Research Projects the assigned credit value shall be at least 6.

A course unit shall be of the credit value of any whole number from 1 to 6. At each level a student should offer course units totalling to 30 credits and attend at least 80% of the lectures and practical classes conducted in each course unit. She/he should sit for all the In-course Assessments and End of Course examinations in those courses. Table 6 indicates how the courses shall be selected.

Table 6

	Number of Credits						
Level	Principal Subject 1	Principal Subject 2	Principal Subject 3	Suppl. Subject	English	Life Skills	Career Fair
1G	10	10	10	-	✓	✓	-
1S	30				✓	✓	-
2G	10	10	10		✓	✓	-
2S	30				✓	✓	-
3G (Option 1)	12	12	6			-	✓
Level 3G (Option 2)	12	12	-	6		-	✓
3M	18	-	-	-	-	-	✓
3M/3S CompSc	21/33	-	-	-	-	-	✓
4M/4S CompSc	27						
4M/4X	30	-	-	-	-	-	-

- Those who are admitted to Level 3M shall offer 18 credits from the advanced courses in the Principal subject 1.
- In the case of Level 3M in Mathematics, the Department of Mathematics and Statistics will inform the students about the course units worth of the 12 credits in Pure Mathematics and Applied Mathematics shall be offered by them.
- Level 3G students may select option 1 or option 2 to earn 30 credits

- In the case of Direct-Intake Computer Science students, and students offering Computer Science as a subject who offer the Honours Degree course in Computer Science, the number of credits in Level (3G+3M)/3S shall be 33. These students shall offer 27 credits in the Level 4M/4S.

In the first year, a student (except the Direct-Intake students) should select three principal subjects from Table 4. In the first two weeks of study a student may attend all the subjects in his/her stream. During the third week the student shall decide on the three principal subjects he/she wants to study and shall register for them in the Dean's Office.

There may be a restriction on the number of students who could be admitted to principal subject(s). At such instances, the admission to those subjects shall be made by the respective department on merit that will be based on the student's performance in the GCE (A/L) examination.

Academic Counsellors of the faculty shall guide the students in selecting the subject combinations judiciously.

In Level 2G, the student shall register for the same three principal subjects followed in Level 1G.

If a student is not selected for an Honours degree, he/she may follow either the same three principal subjects followed in first two levels (Option 1) or two of these three principal subjects and a supplementary subject (Option 2) for Level 3G as indicated in Table 6.

Students selected for the BSc Hons in Applied Science study programme shall follow the relevant courses in the principal subjects offered in previous levels of study.

Course codes

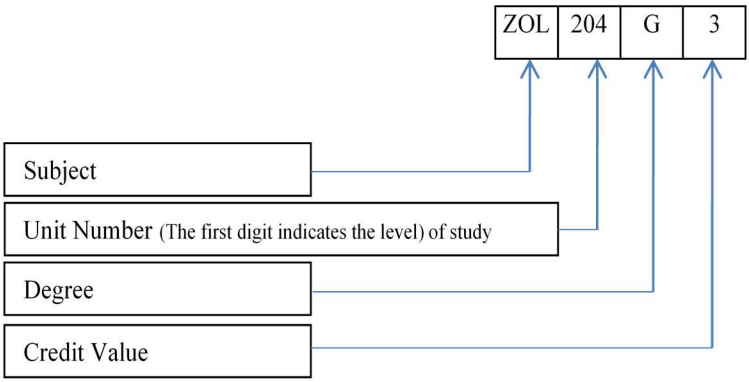
Each course unit will be designated by a code made up by three letters indicating the subject (see Table 7) followed by a three digit number where the first digit indicates the Level of study and the last two digits are specific to the course, followed by a letter indicating whether it is a course for General (G) or Honours (M), Direct Intake (S), or the extended Applied Science (X) programme. The final digit indicates the credit value of the course.

Table 7

Principal Subjects	
Subject	**Letter Code**
Applied Mathematics	AMM
Botany	BOA
Chemistry	CHE
Computer Science	CSC
Fisheries Science	FIS
Physics	PHY
Pure Mathematics	PMM
Statistics	STA
Zoology	ZOL

Supplementary Subjects	
Subject	**Letter Code**
Biotechnology	BTE
Biomathematics and Statistics	BMS
Electronics	ELE
Environmental Science	ENS
Food Science and Nutrition	FSN
Information Technology	ITE
Medicinal Chemistry	MEC

An example is given below:



4.5. Selection to Honours Degree Study Programmes

The selection to Honours Degree study programmes is made at the end of Level 2G/2S in the case of subject-specific Honours degree programmes, and at the end of Level 3G for the BSc Hons in Applied Science degree programmes.

At the end of Level 2G, students may apply for admission to a subject-specific Honours Degree programme. These programmes are offered in all subjects listed in Table 4 except Pure Mathematics and Applied Mathematics. In the case of Pure Mathematics and Applied Mathematics, there is an Honours Degree programme in Mathematics. The Direct-intake Computer Science students shall apply for the BSc Hons in Computer Science degree programme at the end of Level 2S.

The number of students admitted to any of the above Honours degree programmes may be restricted depending on the resources available. However, students with the following **minimum** qualifications may apply:

- For all subjects other than Mathematics a GPA of 2.70 in the subject of specialisation and a GPA of 2.30 in all three subjects at levels 1G and 2G combined.
- For Mathematics, a GPA of 2.70 in the two subjects, Pure Mathematics and Applied Mathematics and a GPA of 2.30 in all three subjects at levels 1G and 2G combined.
- For Direct-Intake in Computer Science a GPA of 2.70 at levels 1S and 2S combined.

Note: For the selections mentioned above, the GPA should be calculated by giving a weight of ½ to the 1G/1S courses and 1 to the 2G/2S courses. Please see Appendix A1 for guidance in the calculation.

In the case of the BSc Hons in Applied Science degree programme, selection shall be made at the end of the Level 3G from among the General Degree students. The number of students admitted to this programme may be limited depending on the resources available. However, students with the following minimum qualifications may apply:

- An overall GPA of 2.00 in the Levels 1G, 2G and 3G (First Semester only in Level 3G) combined calculated by giving a weight of ½ to the 1G courses and 1 to the 2G and 3G courses. Please see Appendix A2 for guidance in calculation.

4.6. Evaluation Procedures and Examinations

Each course unit (excluding Research Project and Industrial Training) shall be evaluated by means of at least one In-course Assessment and an End of Course Examination. For course units that run throughout the academic year, the End of Course Examination shall be conducted at the end of the second semester.

For course units that have a practical component there shall be an In-course Assessment and an End of Course Examination in each of the theory component and the practical component. To secure any grade higher than E for the course unit, a student should obtain at least a D+ Grade in the theory and in the practical components separately.

Evaluation procedures for Research Project, Seminar, Field Work, and Industrial Training are determined by the concerned Department (subject to approval of the Faculty Board and the Senate) as specified in the syllabi.

4.6.1. In-course Assessment - Formative Assessment

Formative assessments consist of suitable combinations of assignment, quiz, student presentation, oral examination, laboratory and field work report. All formative assessments of a course unit shall be carried out during the period of that course unit. In general, each course unit containing a theoretical component will be tested by at least one written examination of maximum duration one hour. In a few theory course units, this examination may take the form of assignments, reports, oral presentations, oral examinations, or quizzes.

In-course Assessments of the practical course units and practical components of the course units will be conducted during the semester. This may take the form of spot examination, continuous assessment, practical test, written test or a combination of any of these.

The marks scored by the students in an In-course Assessment shall be displayed in the Notice Board of the Department by the lecturer in charge concerned.

A student shall take an In-course Assessment at the first opportunity afforded to him/her. If a student could not sit for an In-course Assessment he/she should inform the reason to the Head of the Department within three days of the date of resumption of attending the classes. If the reason is acceptable, the Head of the Department shall arrange to hold that In-course Assessment on another date.

No In-course Assessment shall be conducted after the completion of the End of Course Examination in the relevant course unit.

4.6.2 End of Course Examination - Summative Assessment

Summative assessment for each course unit shall be conducted at the end of the course unit or at the end of the semester in which the teaching of the course unit is completed. The date and time of the summative assessment shall be decided by the office of the Dean.

A student shall take an End of Course Examination at the first opportunity afforded to him/her. If a student fails to sit for any End of Course Examination without giving valid reasons acceptable to the University Senate, he/she shall be considered to have forfeited a chance to sit the examination.

Absence in the End of Course Examination on medical grounds or due to any other valid reason should be approved by the Faculty Board and the Senate. Medical certificates submitted by the students must be endorsed by the University Medical Officer.

Depending on the marks (for a total of 100) received by a student he/she shall be awarded one of the following Grades. The Grade Point Value (GPV) corresponding to each Grade is also given (Table 8).

In general, the marks for each unit or component of a unit (in the case where a course unit has both theory and practical components) shall be calculated by giving a weight of 70% to the End of Course examination and 30% to the In-course Assessment. When a course unit has theory and practical components the final marks shall be calculated by giving appropriate weights to these components.

Table 8

Grade	Marks	GPV
A^+	85 - 100	4.00
A	75 - 84	4.00
A-	70 - 74	3.70
B+	65 - 69	3.30
B	60 - 64	3.00
B-	55 - 59	2.70
C+	50 - 54	2.30
C	45 - 49	2.00
C-	40 - 44	1.70
D+	35 - 39	1.30
D	30 - 34	1.00
E	0 - 29	0.00

The Pre-Examination Board of the Faculty constituted for each course unit shall finalise the results of a course unit. Subsequently, the grades obtained by the students in a course unit shall be displayed by the respective Head of the Department with a note that the results are provisional and subject to confirmation by the University Examination Board and the Senate.

The Grade Point Average (*GPA*) for a particular level is calculated using the formula,

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

where c_n and g_n are the credit value and the grade point value of the n^{th} course unit. Any calculated *GPA* shall be rounded to the second decimal place. $\sum c_n$ will be 30 for any level except for Direct-Intake Computer Science and Physical Science stream students offering Computer Science as a subject who were selected to offer the Honours Degree course in Computer Science. For them, the number of credits in Level 3S or in Level 3G and Level 3M shall be 33 and that in Level 4M or Level 4S shall be 27. When such a student decides to opt with Level 3, the best 18 credits out of 21 in Level 3M together with all 12 credits of Level 3G shall be considered when calculating GPA for Level 3 of the Physical Science stream students, and the best 30 credits out of 33 of Level 3S shall be considered when calculating GPA for Level 3 of the direct-intake students.

4.6.3. Examination in English

A student who has obtained a grade of **A** or **B** in the subject of General English in the GCE (A/L) Examination and has obtained Faculty Board approval for exemption from following this course is deemed to have passed this examination. In spite of this exemption if such a student wishes to obtain a grade, he/she will be allowed to sit for the examination.

For such students and for all others, an examination in English will be conducted at the end of Level 2. A student who has obtained a grade of D+ or above in the examination is deemed to have passed the examination.

4.6.4. Repeating End of Course Examinations

If a student is absent for an End of Course examination of a particular course unit for reasons acceptable to the University Senate, then he/she can sit for that examination in the next opportunity and it will be considered as the first attempt. His/her present results will be recorded as WH (Withheld).

If a student is absent for an End of Course examination of a course unit and if the Senate does not accept the reasons submitted by the student or if the student did not give any reason, the student may repeat that examinations and the maximum grade obtainable is C. His/her present results will be recorded as IC (Incomplete).

Table 9 summarises what is stated in the two paragraphs above.

Table 9

Senate Decision on Student's appeal	**Marks for End of Course Examination**	**Final Marks**	**Grade**
Accepted	**AB** (Absent)	**AB** (Absent)	**WH** (Withheld)
Not accepted (Or Students made no appeal)	**AB** (Absent)	**AB** (Absent)	**IC** (Incomplete)

A student who obtains a grade C- or below for a course unit may repeat the relevant End of Course Examination to improve his/her results. Where relevant, the grade for the repeated course unit will be calculated using the latest End of Course examination marks and the In-course Assessment marks available. The highest grade that could be obtained in this way is C. If a student obtains a lower grade in the repeated course unit, he/she is entitled to keep the previous grade.

A student will be permitted to repeat an examination twice only. The maximum period allowed for completing the three-year degree shall be five academic years and that for the four-year degrees shall be six academic years excluding the period(s) of absence approved by the Senate.

4.6.5. Examination Offences and punishment

Some of the punishable examination offences are listed below:

- Name written on the answer script.
- Possession of bag, mobile phone etc., on or near a desk.
- Disruption of examination (Misconduct).
- Not carrying out the instructions of the Supervisor at the examination hall.
- Possession of unauthorized material.
- Copying at Examination.
- Plagiarism in the assignment, project work etc.
- Impersonation.
- Aiding and abetting.

The punishment for examination offences could be any one or more of the following depending on the type and seriousness of the offence:

- Written warning.
- Cancellation of paper.
- Cancellation of examination.
- Cancellation of examination and debarment for one or more year(s) from sitting any examination.
- Assigning zero marks for the paper and written warning.
- Making not eligible for a class or for admission to a Honours degree.

4.7. Criteria for Awarding Degrees

4.7.1. Bachelor of Science degrees (Three years)

The conditions given in this section applies to the following degrees.

- **Bachelor of Science abbreviated** as **BSc**
- **Bachelor of Science in Computer Science** abbreviated as **BSc (Computer Science)**

For the award of the degree a student should possess:

(i) Pass in English

(ii) Grade D+ or above in course units amounting to 81 credits or more subject to the condition that the total credit value of the courses in which the student obtains D or E in any level is not more than 4, and

(iii) Overall GPA (OGPA) of 2.00 or above. (Please see Annexure A for the calculation of OGPA.)

4.7.2. Bachelor of Science Honours degrees (Four Years)

The conditions given in this section applies to the following degrees.

- **Bachelor of Science Honours in** *Subject Name* **abbreviated as BSc Hons (*Subject Name*)** as given in Table 2.
- **Bachelor of Science Honours in Computer Science** abbreviated as **BSc Hons (Computer Science)** for the Direct Intake students, and BSc Hons (ComputerSc) for the physical science students.

For the award of the degree a student should possess:

(i) Pass in English

(ii) Grade D+ or above in course units amounting to 108 credits or more subject to the condition that the total credit value of the courses in which the student obtains D or E in any level is not more than 4, and

(iii) Overall GPA (OGPA) of 2.00 or above. (Please see Annexure A for the calculation of OGPA.)

Note: In the case of subject-specific Honours degree programmes in Computer Science, if a student obtains a grade lower than C- in Industrial Training even due to medical reasons he/she does not qualify for the award of BSc Hons (ComputerSc) or BSc Hons (Computer Science) and may opt for the award of three year degree.

4.7.3. Bachelor of Science Honours in Applied Science (Four Years)

For the award of the degree a student should possess:

(i) Pass in English
(ii) Grade C+ or above in Industrial Training
(iii) Grade D+ or above in course units amounting to 108 credits or more subject to the condition that the total credit value of the courses in which the student obtains D or E in any level is not more than 4, and
(iv) Overall GPA (OGPA) of 2.00 or above. (Please see Annexure A for the calculation of OGPA.)

Note: A student who obtains a grade lower than C+ in Industrial Training even due to medical reasons does not qualify for the award of BSc Hons (AppliedSc) and may opt for the award of BSc degree.

4.8. Award of Class

Any student who has followed the three year degree programme and fulfilled the requirements for the award of the BSc degree within three consecutive academic years excluding the period(s) of absence approved by the Senate, and any student who has followed the four year degree programme and fulfilled the requirements for the award of the BSc Honours degree within four consecutive academic years, excluding the period(s) of absence approved by the Senate, shall be awarded Class on the following basis.

First Class	OGPA= 3.70 - 4.00
Second Class (Upper Division)	OGPA= 3.30 - 3.69
Second Class (Lower Division)	OGPA =3.00 - 3.29

4.9. Fall-back Option: Award of Diploma and Higher Diploma

Whenever a student is unable to fulfil the requirements for the award of a Degree, he/she may be awarded a Diploma or Higher Diploma on request provided he/she satisfies the requirements for the same.

For the award of Diploma, a student should possess a GPA of 2.00 or above calculated for all the course units in which the student has scored the highest grade and whose credit values aggregate to 30.

For the award of Higher Diploma, a student should possess a GPA of 2.00 or above calculated for all the course units in which the student has scored the highest grade and whose credit values aggregate to 60.

In the case of Direct Intake students, the qualification shall be designated as:
Diploma in *Subject Name* abbreviated as Dip (*Subject Name*), and
Higher Diploma in *Subject Name* abbreviated appropriately.
For example, in the case of Direct Intake Computer Science students, the names shall be:
Diploma in Computer Science abbreviated as **Dip (Computer Science),** and
Higher Diploma in Computer Science abbreviated as **HDip (Computer Science).**

In all other cases, these shall be designated as:
Diploma in Science abbreviated as **Dip (Sc),** and
Higher Diploma in Science abbreviated as **HDip (Sc).**

4.10. Effective Dates of the Qualifications and Official Transcripts

The effective date of the Degrees awarded shall be the date on which the last End of Course examination of the corresponding final level examinations had been conducted in the academic year in which the candidate satisfied all the requirements for the award of Degree or the date on which the student had satisfied all the requirements for the award of degree whichever is later.

In the case of Higher Diplomas and Diplomas, the effective date shall be the date at which the request has been received at the Dean's office.

In addition to the results sheets given to students after releasing the examination results of a particular level, a student will be issued the Official Transcript. The Official Transcript shall contain the course code, title and credit value of each course unit offered by the student and the grade obtained by the student in each of these course units in year wise manner.

The Official Transcript shall also include the highest SLQF Level completed, overall GPA, the Class (if any) and a Table showing the Grade Point Value (GPV) assigned to each Grade.

Annexure A

Calculation of Grade Point Average

A1. Selection to BSc Hons Degree programme

For all subjects, other than Mathematics and Direct Intake in Computer Science (See the note below), the student should have followed course units aggregating to 60 credits in three subjects (10 credits in each subject in each year) where 20 will be in the subject to which he/she applies for the selection (referred to as Special Subject). GPAs for the first year (*GPA1*) and the second year (*GPA2*) should be calculated separately using the formula:

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

where c_n and g_n are the credit value and the grade point value respectively of the n^{th} course unit. This calculation should be done for 'Special Subject' and for all subjects separately.

The GPA for the selection, *GPA(S)*, should be calculated using the formula:

$$\boldsymbol{GPA(S)} = \frac{\boldsymbol{½ * GPA1 + GPA2}}{\boldsymbol{1½}}$$

for the 'Special Subject' and for all subjects separately. *GPA(S)* should be rounded off to two decimal places.

Note:

- In the case of Computer Science, the total value of the credits of the Computer Science courses will be 60 and the calculation should be done taking this fact into account.
- In the case of Mathematics, the minimum GPA requirement of 2.70 applies to the combined average of Pure Mathematics and Applied Mathematics (aggregating to 40 credits) and the minimum GPA requirement of 2.30 applies to all three subjects (aggregating to 60 credits) calculated according to the above formula.

A2. Selection to BSc Hons (AppliedSc) degree programme

GPA for the first year (*GPA1*), second year (*GPA2*) and first semester of third year (*GPA3*) should be calculated using the formula:

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

where c_n and g_n are the credit value and the grade point value respectively of the n^{th} course unit. *GPA1* and *GPA2* should be calculated for all subjects followed by the student as indicated in A1.

The GPA for selection, *GPA(S)* should be calculated using the formula:

$$\boldsymbol{GPA(S)} = \frac{\boldsymbol{½xGPA1 + GPA2 + GPA3}}{\boldsymbol{2½}}$$

and should be rounded off to two decimal places.

A3. BSc degrees

GPA for the first year (*GPA1*), second year (*GPA2*) and third year (*GPA3*) should be calculated using the formula:

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

where c_n and g_n are the credit value and the grade point value respectively of the n^{th} course unit. The total number of credits for the three years should be 90.

The Overall GPA for the award of the degree, *OGPA(G)* should be calculated using the formula:

$$\boldsymbol{OGPA(G)} = \frac{\boldsymbol{½xGPA1 + GPA2 + GPA3}}{\boldsymbol{2½}}$$

and should be rounded off to two decimal places.

Note: In the case of Direct-Intake Computer Science students, and Physical Science stream students offering Computer Science as a subject who were selected to offer the Honours Degree course in Computer Science, the number of credits in Level 3S or in (Level 3G and Level 3M) shall be 33 and that in Level 4M or Level 4S shall be 27. When such a student decides to opt with Level 3, the best 18 credits out of 21 in Level 3M together with all 12 credits of Level 3G shall be considered when calculating GPA for Level 3 of the physical science stream students, and the best 30 credits out of 33 of Level 3S shall be considered when calculating GPA for Level 3 of the direct-intake students.

A4. BSc Hons degrees

GPA for the first year (*GPA1*), second year (*GPA2*), third year (*GPA3*) and fourth year (*GPA4*) should be calculated using the formula:

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

where c_n and g_n are the credit value and the grade point value respectively of the n^{th} course unit. The total number of credits for the four years should be 120.

The OGPA for the award of the degree, *OGPA (M, S & X)* should be calculated using the formula:

$$\boldsymbol{OGPA}(M, S \,\&\, X) = \frac{\boldsymbol{½ \times GPA1 + GPA2 + GPA3 + GPA4}}{\boldsymbol{3½}}$$

and should be rounded off to two decimal places.

Annexure B

List of Courses offered in the degree programmes

B1: Principal Subjects - Level 1 of BSc degree programme (1G)

Subject	Course Code	Course Title	No. of Hrs	
			Lect.	Practical/ Field work
Botany	BOA101G2	Basic Biology	22	24
	BOA102G2	Plant Diversity I	22	24
	BOA103G2	Plant Diversity II	22	24
	BOA104G2	General Microbiology	22	24
	BOA105G2	Molecular Biology & Biotechnology	30	-
Chemistry	CHE101G2	General Chemistry	30	-
	CHE102G2	Foundations of Physical Chemistry	30	-
	CHE103G1	Chemistry of Periodic Elements	15	-
	CHE104G3	Organic Chemistry I	45	-
	CHE105G1	Inorganic Chemistry Laboratory 1	-	45
	CHE106G1	Organic and Physical Chemistry Laboratory 1	-	45
Computer Science	CSC101G3	Foundations of Computer Science	45	-
	CSC102G3	Computer Programming I	-	135
	CSC103G2	Multimedia Technologies	30	-
	CSC104G2	Design of Algorithms	30	-
Fisheries Science	FIS101G2	Principles of Fisheries	30	-
	FIS102G2	Fish Evolution and Diversity	22	24
	FIS103G2	Marine & Coastal Environment and Oceanography	22	24
	FIS104G2	Introductory Aquaculture	22	24
	FIS105G2	Ornamental Fish / Plant Culture and Fish Feeds	22	24
Applied Mathematics	AMM101G3	Applied Methods I	45	10
	AMM102G2	Mechanics I	30	-
	AMM103G3	Applied Methods II	45	-
	AMM104G2	Mechanics II	30	-
Pure Mathematics	PMM101G3	Foundations of Mathematics	45	-
	PMM102G2	Limit Process	30	-
	PMM103G3	Algebra and Number Theory	45	-
	PMM104G2	Calculus	30	-
Statistics	STA101G3	Probability Theory	45	-
	STA102G2	Introduction to Statistics	30	-
	STA103G3	Basic Statistical Inference	45	-
	STA104G2	Applied Statistics I	30	-

Physics	PHY101G2	Practical Physics I	-	90
	PHY102G2	Mechanics	30	-
	PHY103G2	Vibrations, Waves and AC theory	30	-
	PHY106G2	Electricity & Electromagnetic Fields	30	-
	PHY107G2	Electronics	30	-
Zoology	ZOL101G2	Origin of Life and Evolutionary Biology	22	24
	ZOL102G2	Ecosystems; Distribution and Characteristics	22	24
	ZOL103G2	Animal Cell biology and Bio-molecules	22	24
	ZOL104G2	Animal Diversity	22	24
	ZOL105G2	Animal Histology	22	24

B2: Principal Subjects - Level 2 of BSc degree programme (2G)

Subject	Course Code	Course Title	No. of Hrs	
			Lect.	Practical/ Field work
Botany	BOA201G2	Plant Morphology and Anatomy	20	24
	BOA202G2	Plant Systematics	20	24
	BOA203G2	Biochemistry	20	24
	BOA204G2	Genetics	20	24
	BOA205G2	Economically Important Plants	30	-
Chemistry	CHE201G2	Coordination and Organometallic Chemistry	30	-
	CHE202G3	Quantum Mechanical Approach to Atomic and Molecular Structure and Molecular Spectroscopy	45	-
	CHE203G2	Organic Chemistry II	30	-
	CHE204G3	Inorganic and Organic Chemistry Laboratory II	-	135
Computer Science	CSC201G2	Database Systems Concepts and Design	30	-
	CSC202G2	Computer Programming II	-	90
	CSC203G2	Operating Systems	30	-
	CSC204G2	Data Structures & Algorithms	30	-
	CSC205G2	Software Engineering	30	-
Fisheries Science	FIS201G2	Laboratory Techniques	22	24
	FIS202G2	Aquatic Fauna and Flora	22	24
	FIS203G2	Principles of Aquatic Ecology and Behaviour	22	24
	FIS204G2	Fish Biology and Embryology	22	24
	FIS205G2	Fish Parasitology and Diseases	22	24

Applied Mathematics	AMM201G3	Mathematical Methods	45	-
	AMM202G2	Fluid Dynamics	30	-
	AMM203G3	Linear Programming	40	10
	AMM204G2	Numerical Analysis	30	-
Pure Mathematics	PMM201G3	Linear Algebra	45	-
	PMM202G2	Advanced Calculus	30	-
	PMM203G3	Analysis	45	-
	PMM204G2	Linear Algebra and Analytic Geometry	30	-
Statistics	STA201G3	Statistical Theory	45	-
	STA202G2	Sampling Techniques	30	-
	STA203G3	Design and Analysis of Experiments	40	10
	STA204G2	Statistical Inference	30	-
Physics	PHY201G2	Practical Physics II	-	90
	PHY202G2	Solid State Physics	30	-
	PHY203G2	Optics and Special Relativity	30	-
	PHY204G2	Electromagnetism	30	-
	PHY205G2	Computational Physics	20	30
Zoology	ZOL 201 G3	Animal Phylogeny and Biology	27	30P + 9F
	ZOL 202 G2	Animal Genetics	30	-
	ZOL 203 G2	Comparative Anatomy and Physiology	20	24
	ZOL 204 G3	Animal Ecology and Behaviour	27	24P + 18F

P - Practical, F - Field work

B3.1: Principal Subjects - Level 3 of BSc degree programme (3G)

Subject	Course Code	Course Title	No. of Hrs	
			Lect.	Practical/ Field work
Botany	BOA301G2	Ecology	20	24
	BOA302G2	Plant Pathology	20	24
	BOA303G2	Natural Vegetation types of Sri Lanka	30	-
	BOA304G2	Plant Physiology	20	24
	BOA305G2	Plant Tissue Culture	20	24
	BOA306G2	Biostatistics	30	-
Chemistry	CHE301G3	Analytical Chemistry & Industrial Chemistry	45	-
	CHE302G3	Electrochemistry, Chemical Kinetics and Surface Chemistry	45	-
	CHE303G3	Organic Chemistry III	45	-
	CHE304G3	Physical, Inorganic and Organic Laboratory III	120	-

Computer Science	CSC301G3	Rapid Application Development	45	-
	CSC302G2	Computer Programming III	-	90
	CSC303G2	Data Communication and Computer Networks	30	-
	CSC304G3	Team Software Project	20	-
	CSC305G2	Graphics and Visual Computing	30	-
Fisheries Science	FIS301G2	Fish Harvest Technology	22	24
	FIS302G2	Wastewater Treatment in the Fishery Industry	22	24
	FIS303G2	Fishery management and extension	22	24
	FIS304G2	Post-harvest Technology and Quality Assurance of fish and fishery products	22	24
	FIS305G2	Conversation of fisheries Resources and Laws	30	-
	FIS306G2	Introductory Fisheries Statistics	22	24
Applied Mathematics	AMM301G3	Mathematical Programming	45	-
	AMM302G3	Classical Mechanics	45	-
	AMM303G2	Numerical Methods	30	-
	AMM304G2	Fluid Dynamics II	30	-
	AMM305G2	Mathematical Modelling	30	-
Pure Mathematics	PMM301G3	Abstract Algebra	45	-
	PMM302G3	Complex Analysis	45	-
	PMM303G3	Discrete and Combinatorial Mathematics	45	-
	PMM304G3	Geometry	45	-
Statistics	STA301G3	Regression Analysis	40	10
	STA302G3	Stochastic Processes	45	-
	STA303G2	Quality Control	25	10
	STA304G2	Applied Statistics II	25	10
	STA305G2	Statistical Computing	-	60
Physics	PHY301G2	Practical Physics III	-	90
	PHY302G3	Modern Physics	45	-
	PHY303G2	Medical Physics	25	15
	PHY304G3	Thermal and Statistical Physics	45	-
	PHY305G2	Introduction to Astrophysics and Cosmology	30	-
Zoology	ZOL301G2	Entomology and Pest biology	20	24P + 9F
	ZOL302G2	Molecular Biology and Genetics	20	24P
	ZOL303G2	Environmental Zoology	20	18P + 18F
	ZOL304G2	Developmental Biology	20	21P + 9F
	ZOL305G2	Parasitology and Vector Biology	20	21P + 9F
	ZOL306G2	Economic Zoology	20	18P + 18F

B3.2 Supplementary Subjects - Level 3 of BSc degree programme (3G)

Supplementary subjects shall be offered based on the availability of the resources and/or minimum number (ten) of registered students.

Subject	Course Code	Course Title	No. of Hrs	
			Lect.	Practical/ Field work
Electronics	ELE301G3	Basic Electricity and Electronics	35	30
	ELE302G3	Analogue and Digital Electronics	35	30
Food and Nutrition	FSN301G3	Food Science and Nutrition I	45	-
	FSN302G3	Food Science and Nutrition II	45	-
Information Technology*	ITE 301G2	Software Tools for Scientific Computations	-	60
	ITE 302G2	Computational and Scientific Programming using Python	-	60
	ITE 303G2	Web Development Technologies	-	60
Environmental Science*	ENS301G2	Environmental Biology	30	-
	ENS302G2	Environmental Chemistry	30	-
	ENS303G2	Environmental Physics	30	-
Medicinal Chemistry*	MEC301G2	Medicinal Chemistry I	30	-
	MEC302G2	Medicinal Chemistry II	30	-
	MEC303G2	Medicinal Chemistry III	30	-

*Subject to the confirmation of the Faculty board and the Senate

B4: Principal Subjects - Level 3 of BSc Hons degree programme (3M)

Subject	Course Code	Course Title	No. of Hrs	
			Lect.	Practical/ Field work
Botany	BOA301M4	Advanced plant pathology	40	48
	BOA302M3	Advanced biochemistry	30	36
	BOA303M3	Molecular Genetics	30	36
	BOA304M3	Advanced plant physiology	30	36
	BOA305M3	Applied botany	30	36
	BOA306M2	Plant breeding	20	24
Chemistry	CHE301M3	Advanced Spectroscopic Techniques in Inorganic Chemistry	45	--
	CHE302M3	Molecular Symmetry, Group Theory and Diffraction methods	45	--
	CHE303M3	Advanced Organic Chemistry I	45	--
	CHE304M3	Advanced Organic Chemistry II	45	
	CHE305M2	Advanced Inorganic Chemistry Laboratory		120
	CHE306M2	Advanced Physical Chemistry Laboratory		120
	CHE307M2	Advanced Organic Chemistry Laboratory		120

Computer Science	CSC301M3	Advanced Database Design and Systems	45	-
	CSC302M3	Advanced Topics in Computer Networks	45	-
	CSC303M3	Artificial Intelligence	30	30
	CSC304M3	High Performance Computing	30	30
	CSC305M3	Image Processing and Computer Vision	30	30
	CSC306M3	Machine Learning	30	30
	CSC307M3	Mobile Computing	45	-
Fisheries Science	FIS307M2	In Field Training	-	60
	FIS301M3	Fishery Economics and Marketing	45	-
	FIS302M3	Fish Population Dynamics and Stock Assessment	45	-
	FIS305M2	Fisheries Practical I (Fishery Economics and Marketing and Fish Population Dynamics and Stock Assessment)	-	60
	FIS303M3	Fisheries Microbiology	45	-
	FIS304M3	Aquatic Pollution and Toxicology	45	-
	FIS306M2	Fisheries Practical II (Fisheries Microbiology and Aquatic Pollution and toxicology)	-	60
Mathematics	MMT301M3	Advanced Algebra I	45	-
	MMT302M2	Topology I	30	-
	MMT303M2	Functional Analysis I	30	-
	MMT304M3	Numerical Linear Algebra	45	-
	MMT305M3	Mathematical Modeling and Programming	45	-
	MMT306M3	Number Theory and Combinatorics	45	-
	MMT307M2	Topology II	30	
Statistics	STA301M3	Advanced Design of Experiments	45	-
	STA302M3	Medical Statistics	45	-
	STA303M3	Categorical Data Analysis	45	-
	STA304M3	Computational Statistics	15	60
	STA305M3	Time Series Analysis	45	-
	STA306M3	Multivariate Analysis I	45	-
Physics	PHY301M4	Practical Physics IV and Literature Survey	-	90
	PHY303M3	Quantum Mechanics	45	-
	PHY304M3	Advanced Electronics	45	-
	PHY305M3	Advanced Statistical Physics	45	-
	PHY302M3	Classical Mechanics and Relativity	45	-
	PHY306M2	Instrumentation and Material Characterization Techniques	20	30

Zoology	ZOL301M2	Wildlife Conservation and Management	24	36F
	ZOL302M3	Limnology	27	27P + 9F
	ZOL303M3	Endocrinology	27	27 P + 9F
	ZOL304M3	Advanced Molecular Biology and Immunology	27	30 P
	ZOL305M3	Pest Management	27	27P + 9F
	ZOL306M2	Environmental Toxicology	20	21P + 9F
	ZOL307M2	Research Methodology and Data Analysis	30	-

P - Practical, F - Field work

B5: Principal subjects - Level 4 of BSc Hons degree programme (4M)

(Subject to confirmation of the Faculty board and the Senate)

Subject	Course Code	Course Title	No. of Hrs	
			Lect.	Project/ Training/ Field work
Botany	BOA401M3	Advanced Microbiology	30	36
	BOA402M3	Genetic Engineering	30	36
	BOA403M3	Plant Virology	30	36
	BOA404M3	Essay, Seminar and Herbarium	-	300†
	BOA405M3	Biotechnology	30	36
	BOA406M3	Horticulture and Organic Farming	30	36
	BOA407M3	Plant Responses	30	36
	BOA408M6	Research Project	-	600†
	BOA409M3#	Cell Signalling	45	-
	BOA410M3#	Food Toxins	45	-
	BOA411M3#	Plant and Environment	45	-
	BOA412M3#	Rhizobiology	30	36
Chemistry	CHE401M3	Advanced Coordination and Organometallic Chemistry	45	-
	CHE402M3	Bioinorganic and Nuclear Chemistry	45	-
	CHE403M2	Advanced Analytical Chemistry	30	-
	CHE404M3	Advanced topics in Statistical Thermodynamics and Electrochemistry	45	-
	CHE405M2	Advanced topics in Quantum Chemistry and Kinetics	30	-
	CHE406M3	Advanced topics in Thermodynamics, Surface Chemistry and Macromolecules and Aggregates	45	-
	CHE407M2	Advanced Organic Chemistry III	30	-
	CHE408M3	Advanced Organic Chemistry IV	45	-
	CHE409M1	Action Project	-	100†
	CHE410M6	Research Project	-	600†
	CHE411M2	Internship/Industrial Training	-	200†

Computer Science	CSC401M3	Advanced Algorithms	45	-
	CSC402M3	Compiler Design	45	-
	CSC403M3	Data Science	30	30
	CSC404M3	Information Systems Security	45	-
	CSC405M3	Systems and Network Administration	15	60
	CSC406M6	Research Project	15	585†
	CSC407M6	Industrial Training	15	585†
Fisheries Science	FIS401M3	Marine Ecology and Limnology	45	-
	FIS402M3	Fish Physiology and Biochemistry	45	-
	FIS403M3	Aquaculture and Hatchery Techniques	45	-
	FIS404M3	Fish Genetics and Biotechnology	45	-
	FIS405M2	Fisheries Practical III	-	60
	FIS406M2	Fisheries Practical IV	-	60
	FIS407M6	Research Project	-	600†
	FIS408M2	Library work on Current Topics in Fisheries	-	200†
	FIS409M2	Advanced Fisheries Statistics	15	30
	FIS410M2	Research Methods, Scientific Writing and Presentations	15	30
	FIS411M2	Fisheries Socioeconomics	15	30
Mathematics	MMT401M4	Measure Theory	60	-
	MMT402M3	Advanced Algebra II	45	-
	MMT403M4	Functional Analysis II	60	-
	MMT404M3	Advanced Complex Analysis	45	-
	MMT406M4	Mathematical Physics	60	-
	MMT407M3	Differential Equations	45	-
	MMT408M3	Numerical Differential Equations	45	-
	MMT409M3	Category Theory	45	-
Statistics	STA401M3	Multivariate Analysis	45	-
	STA402M3	Practical	-	90
	STA403M3	Markov Processes for Stochastic Modelling	45	-
	STA404M3	Generalised Linear Mixed Models for Longitudinal Data	45	-
	STA405M3	Advanced Statistical Theory	45	-
	STA406M3	Measure Theory for Statistics	45	-
	STA407M3	Advanced Probability Theory I	45	-
	STA408M3	Advanced Probability Theory II	45	-
	STA409M3	Linear Models	45	-
	STA410M3	Statistical Data Mining	45	-
	STA411M3	Biostatistical Techniques	45	-

Physics	PHY401M6	Research Project	-	600†
	PHY402M3	Advanced Electromagnetism	45	-
	PHY403M3	Advanced Solid-State Physics	45	-
	PHY404M3	Nuclear Physics	45	-
	PHY405M3	Laser Physics	45	-
	PHY406M3	Atomic and Molecular Spectra	45	-
	PHY407M3	Particle Physics	45	-
	PHY408M3	Nanoscience and Nanotechnology	45	-
	PHY409M3	Energy and Environmental Physics	45	-
Zoology	ZOL401M3	Advanced Parasitology and Vector Control	27	30
	ZOL402M2	Insect Taxonomy	20	24
	ZOL403M2	Insect Ecology	20	24
	ZOL404M3	Ichthyology and Aquaculture	27	30
	ZOL405M3	Marine Biology	27	30
	ZOL406M2	Herpetology	20	24
	ZOL407M2	Seminar Presentation and Essay	-	100†
	ZOL408M6	Research Project	-	600†
	ZOL409M2	Advanced Animal Physiology	20	24
	ZOL410M2#	Integrated Coastal Management	20	24
	ZOL411M2#	Advanced Evolutionary Biology and Zoo Geography	20	24
	ZOL412M2#	Ornithology	20	24
	ZOL413M2#	Mammology	20	24
	ZOL414M2#	Forensic Zoology	20	24

#shall be offered based on the availability of the resources

†Notional hours

B6: BSc Hons (Computer Science) Degree programme (1S/2S/3S/4S)

Level	Course Code	Course Title	No. of Hrs	
			Lect.	Practical
1S	CSC101S3	Foundations of Computer Science	45	-
	CSC102S3	Computer Programming I	-	135
	CSC103S3	Introduction to Computer Systems	30	30
	CSC104S2	Mathematics for Computing I	30	-
	CSC105S3	Statistics for Computing I	45	-
	CSC106S3	Human Computer Interaction	30	30
	CSC107S2	Multimedia Technologies	30	-
	CSC108S2	Design of Algorithms	30	-
	CSC109S2	Introduction to Computer Security & Cryptography	30	-
	CSC110S2	Organisational Behaviour	30	-
	CSC111S2	Mathematics for Computing II	30	-
	CSC112S3	Statistics for Computing II	45	-

2S	CSC201S2	Database Systems Concepts and Design	30	-
	CSC202S2	Computer Programming II	-	90
	CSC203S2	Operating Systems	30	-
	CSC204S2	Data Structures & Algorithms	30	-
	CSC205S2	Software Engineering	30	-
	CSC206S4	Mathematics for Computing III	60	-
	CSC207S3	Computer Architecture	30	30
	CSC208S3	Concepts of Programming Languages	30	30
	CSC209S3	Bioinformatics	30	30
	CSC210S3	Web Technologies	30	30
	CSC211S2	Emerging Trends in Computer Science	15	30
	CSC212S2	Professional Practice	30	-
3S	CSC301S3	Rapid Application Development	45	-
	CSC302S2	Computer Programming III	-	90
	CSC303S2	Data Communication and Computer Networks	30	-
	CSC304S3	Team Software Project	20	-
	CSC305S2	Graphics and Visual Computing	30	-
	CSC306S3	Advanced Database Design and Systems	45	-
	CSC307S3	Advanced Topics in Computer Networks	45	-
	CSC308S3	Artificial Intelligence	30	30
	CSC309S3	High Performance Computing	30	30
	CSC310S3	Image Processing and Computer Vision	30	30
	CSC311S3	Machine Learning	30	30
	CSC312S3	Mobile Computing	45	-
4S	CSC401S3	Advanced Algorithms	45	--
	CSC402S3	Compiler Design	45	--
	CSC403S3	Data Science	30	30
	CSC404S3	Information Systems Security	45	--
	CSC405S3	Systems and Network Administration	15	60
	CSC406S6	Research Project	15	585†
	CSC407S6	Industrial Training	15	585†

†Notional hours

B7: Level 4 of BSc Hons Applied Science degree programme (4X)

Subject	Course Code	Course Title	No. of Hrs	
			Lect.	Practical/ Training
Common Courses	APS401XM2	Industrial Management	30	-
	APS402XM2	Introduction to Human Resource Management	30	-
	APS403XM2*	Database Management	30	-
	APS404XM2*	IT Project Management	30	-
	APS405XM2	Entrepreneurship	30	-

*Computer Science students should follow APS404XM2 but not APS403XM2 whereas others should follow APS403XM2 and not APS404XM2.

Botany	BOA401XS3	Plant Biotechnology	22	24
	BOA402XS2	Environmental Microbiology	22	24
	BOA403XS2	Food Safety	22	24
	BOA404XS2	Postharvest Technologies of fresh produce	22	24
	BOA405XS2	Horticulture	22	24
	BOA406XS8	Industrial Training in Applied Botany	-	4-6 months
	BOA407XS3	Laboratory/Project Work	-	90
Chemistry	CHE401XS2	Application of analytical methods	30	-
	CHE402XS2	Industrial Organic Chemistry	30	-
	CHE403XS3	Industrial Waste Management and Cleaner production	45	-
	CHE404XS2	Industrial minerals, Nanomaterials and material Characterizations	30	-
	CHE405XS2	Chemistry for Drug design and Chemotherapy	30	-
	CHE406XS3	Applied Chemistry Lab/Project Work	-	90
	CHE407XS8	Industrial Training	-	4-6 months
Computing	CSC401XS3	Java Certification (Oracle)	45	-
	CSC402XS3	Database Management Certification (Oracle)	45	-
	CSC403XS3	MCSD - Microsoft Certified Solution Developer	45	-
	CSC404XS3	CCNA - Cisco Networking Certification	45	-
	CSC405XS3	Linux Professional Institute / Redhat	45	-
	CSC406XS3	Practical Work / Research Project in Applied Computing	-	4-6 months
	CSC407XS8	Industrial Training in Applied Computing	-	4-6 months
	CSC421XE3	Introduction to e-Education and Learning Management Systems	45	-
	CSC422XE2	Data Visualisation	30	-
	CSC423XE2	Information Security Management	30	-
	CSC424XE3	Mobile Platforms and Development Environments	45	-

Subject	Course Code	Course Title	No. of Hrs	
			Lect.	Practical/ Training
Fisheries	FIS401XS2	Quality Control of Fish and Fishery Product	22	24
	FIS402XS2	Fish Processing Techniques	22	24
	FIS403XS2	Breeding Techniques, Hatchery Management and Larval rearing	22	24
Financial Mathematics and Industrial Statistics	MMT401XS3	Financial Mathematics	45	-
	MMT402XS3	Actuarial Mathematics	45	-
	STA403XS3	Applied Multivariate Analysis for Real World Data	45	-
	STA404XS2	Advanced Statistical Computing	10	40
	MMT405XS3	Project Work	-	90
	STA406XS8	Industrial Training	-	4-6 months
Physics	PHY401XS3	Introduction to Physics of Industrial Materials	45	-
	PHY402XS2	Ceramics and their Industrial Applications	30	-
	PHY403XS2	Polymers and their Industrial Applications	30	-
	PHY404XS2	Laboratory Based Workshop Practice	30	-
	PHY405XS3	Laboratory/Project Work in Industrial Materials	-	90
	PHY406XS8	Industrial Training	-	4-6 months
	PHY421XE2	Minerals for Advanced Applications	30	-
	PHY422XE2	Semiconductor Process Technology	30	-
	PHY423XE2	Energy Management in Industries	30	-
Zoology	ZOL401XS3	Economic Zoology	33	36
	ZOL402XS3	Ecotourism	33	36
	ZOL403XS3	Application of Remote Sensing and Geographical Information System for Environmental Management	33	36
	ZOL404XS2	Bio–nanotechnology	30	-
	ZOL405XS3	Laboratory/Project Work	-	90
	ZOL406XS8	Industrial Training	-	4-6 months

Annexure C

Scholarships, Bursaries, Prizes, Gold Medals, and Other Awards

C1 Scholarships

S.1. Edmund J Cooray Scholarship in Chemistry

Founded by M/S Browns Group of Company in year 1981 and is awarded to the student selected to read for an Honours Degree in Chemistry obtaining the highest GPA in Chemistry course units of Levels 1G and 2G.
The scholarship is awarded in two instalments: one at the beginning of the third year and the other at the beginning of the fourth year of study.

S.2. Pradeepan Jeganathan Memorial Scholarship in Mathematics

Founded by Mr.K.Jeganathan and Mrs.S.Jeganathan in year 2002 and is awarded to two students one proceeding to BSc Honours Degree and the other to MSc Degree in Mathematics.

Although the award is based on performance, the overriding consideration will be the poor and needy position of the students concerned.

1. Since no MSc programme is offered by the Department of Mathematics at present the above scholarship is awarded only for BSc Honours degree Students until MSc programmes becomes available.
2. These scholarships are at present awarded annually to four students doing a BSc Honours Degree Course in Mathematics as follows:
   a) Two scholarships awarded on merit.
      The award on merit is based on the GPA earned in Course Units in Mathematics in Levels 1G and 2G of the General Degree Examinations in Science.
   b) The other two are awarded to poor needy students. Orphans gets priority.
3. Of the two scholarships in each of the above category one will be for a student in his 3rd year of study and the other in the 4th (Final) year of study.

S.3. Prof. K. Kunaratnam Scholarship in Science

Founded in year 2003 by the former students of Prof. K. Kunaratnam in appreciation of his services to higher education in science in Sri Lanka in general, and the University of Jaffna, in particular.

The following Scholarships are awarded at a meeting of the Faculty Board of Science:

(i) Rupees five thousand per year for a second year student in the Faculty of Science who has scored a GPA of not less than 2.75 with the GPA calculated for all the first year (Level 1G) course units and with a family income not larger than the national average family income.

(ii) Rupees five thousand per year for a third year student in the Faculty of Science who has scored a GPA of not less than 2.75 with the GPA calculated for all the first and second year (Levels 1G and 2G) course units and with a family income not larger than the national average family income.

(iii) If the student selected under category (ii) above is an Honours Degree student, he/she shall continue to receive the scholarship in the fourth year.

The value of these scholarships may be reduced or enhanced as decided by a Faculty sub-committee on Scholarships, Prizes, Gold Medals and Bursaries depending on the availability of funds.

S.4. Professor Kanthia Kunaratnam Scholarship for the best student selected to read for Honours Degree in Physics

Founded in year 2002 by Mr. R. Jeyaruban, a student of Prof. K. Kunaratnam, this Scholarship is awarded to the best student selected to read for Honours Degree in Physics. The Student who has obtained the highest overall GPA in the course units of Levels 1G and 2G among those admitted to the Honours Degree Programme each year will receive this award.

S.5. Vathsaladevi Ponnudurai Memorial Scholarship

Founded in 1991 by Mr. & Mrs. A. Ponnudurai, Velanai in memory of their late daughter, this Scholarship is awarded to the student who is selected to follow an Honours Degree Course in Zoology and obtained the highest GPA in Zoology course units of Levels 1G and 2G.

C2 Prizes (Awarded at a meeting of the Faculty Board of Science):

P.1. Frank Pinto Memorial Prize in Science

Founded in 1992 by Prof. B.Mario Pinto, Canada through his uncle Mr.Paulinus Tambimuttu of Colombo, in memory of his late father Mr.Frank Pinto and is awarded to a top Science student (from Atchuvely) in the Final Examination who shows not only good academic record but also a vivid imagination and a flair for life.

P.2. Handy Perinpanayagam Memorial Prize

Founded in1983 by Handy Perinpanayagam Commemoration Society. This prize is awarded annually to the student who has the best performance at the General Science Examinations in Science Levels 1G and 2G taken together.

P.3. M. Varatharajah Memorial Prize in Chemistry

Founded in 1980 by Mr. Mudaliyar V.Mahesan J.P of Manipay in memory of his late son Mr.M.Varatharajah. This prize in Chemistry awarded annually to the student who has the best performance in Chemistry at the General Science Degree Level 1G Examination.

P.4. S. Ratnanathar Memorial Prize

Founded in 1983 by Dr.S.Anandarajah of Colombo in memory of the late Mr.S.Ratnanathar, Founder President of the Ceylon Group of Companies. This Prize is awarded to the student who obtains the highest GPA in Chemistry in the General Degree Examination in Science - Level 3G.

P.5. Sabalingam Memorial Prize for Best Performance in the First Year

Founded in 1989 by Mr.E.Canagalingam, No. 98, Arasady Road, Jaffna in memory of his late brother Mr.E.Sabalingam. This prize is awarded to the student (Physical & Bioscience students taken together) who has the highest GPA in General Degree Examination in Science - Level 1G. The GPA should not be less than 3.30.

P.6. Sabalingam Memorial Prize for Computer Science

Founded in 1989 by Mr.E.Canagalingam, No. 98, Arasady Road, Jaffna in memory of his late brother Mr.E.Sabalingam. This prize is awarded annually to the student who has the best performance in computer science at the Honours Degree Examination in Science and who obtains a First Class or Second Class Upper Division.

P.7. S. Jeganathan Memorial Prize

Founded in 1991 by batch mates of late Mr. Jeganathan. It is awarded to the student who has obtained the highest GPA in the General Degree Examination in Science with Physics as one of the main subjects and obtaining First or Second Class (Upper Division) Honours.

P.8. S. Sriskandarajah Memorial Prize

Founded in 1986 by the students of the University of Jaffna, in memory of the late Mr. S. Sriskandarajah, President of the Student Assembly, University of Jaffna. The prize be awarded to the student who followed the General Degree Course and obtained the highest GPA at the General Degree Exanimations (Physical Science and Bioscience considered together) Examinations with a First Class or Second-Class Upper Division.

P.9. University Prize (Thambiah Mudaliyar Chatram Trust)

Established in 1989. The following University Prizes are awarded to the students of the Faculty of Science scoring the highest GPA, but not less than 3.30 at the Levels indicated below.

(i) General Degree Examination in Science – Level 1G – Physical Science
(ii) General Degree Examination in Science – Level 1G – Biological Science
(iii) General Degree Examination in Science – Level 2G – Physical Science
(iv) General Degree Examination in Science – Level 2G – Biological Science
(v) General Degree Examination in Science – Level 3G – Physical Science
(vi) General Degree Examination in Science – Level 3G – Biological Science
(vii) Honours Degree Examination in Science – Level 3M
(viii) Honours Degree Examination in Science – Level 4M

P.10. University Prize (Thambiah Mudaliyar Chatram Trust)

A Dean's list is to recognize the level of high scholarship demonstrated by undergraduate students in each level of study. The Dean's list is awarded at the end of each academic year to those students who possess at least a GPA of 3.70.

C3 Prizes
(Awarded at the annual General Convocations)

PC.1. Mootatamby Swaminathan Prize for Botany

Founded in 1985 by Mrs.L.Swaminathan in memory of her husband late Mr.M.Swaminathan.
Awarded to the student attaining the best performance in the Honours Degree Examination in Botany with First Class or Second Class Upper Division.

PC.2. Sir Arunachalam Mahadeva Memorial Prize in Chemistry

Founded in 1983 by Mrs. B. Mahadeva in memory of her late husband Sir Arunachalam Mahadeva.
Awarded to the student attaining the best performance in the Honours Degree Examination in Chemistry with First Class or Second-Class Upper Division.

PC.3. Professor K. Kunaratnam Memorial Prize for Computer Science

Founded in 2017 by Professor Kunaratnam's children in memory of their late father Professor Emeritus Kunaratnam.
This prize is awarded annually to the student among the direct-intake students having the Best Performance obtaining highest OGPA in Bachelor of Science Honours Degree Examination in Computer Science held at the end of Level-4S with a First Class or Second Class Upper Division. In case of tie, the GPA in Level-4S shall be considered. The award of prize would be given as a certificate and an amount of cash reward.

PC.4. Sir Arunachalam Mahadeva Memorial Prize in Mathematics

Founded in 1983 by Mrs. B. Mahadeva in memory of her late husband Sir Arunachalam Mahadeva.
Awarded to the student attaining the best performance in the Honours Degree Examination in Mathematics with a First Class or Second-Class Upper Division.

PC.5. Professor P. Kanagasabapathy Memorial Prize in Statistics

Founded in 1983 by the friends and colleagues of the late Prof.P.Kanagasabapathy, First Dean of the Faculty of Science.
Awarded to the student attaining the best performance in the Honours Degree Examination in Statistics with First Class or Second-Class Upper Division.

PC.6. Ramalingam Veerasingham Memorial Prize for Theoretical Physics

Founded in 2000 by Mr. Raj Anand Veeriah of 2250, South Millway #510, Mississauga, Ontario, Canada in memory of his late father Mr. Ramalingam Veerasingham.
Awarded annually on merit only for excellence in Theoretical Physics to the best student judged by the examining body of the University based on the results of the Final examination held by the University for the Award of Degree of Bachelor of Science.

PC.7. Sir Arunachalam Mahadeva Memorial Prize in Physics

Founded in 1983 by Mrs. B. Mahadeva in memory of her late husband Sir Arunachalam Mahadeva.
Awarded to the student attaining the best performance in the Honours Degree Examination in Physics with First Class or Second-Class Upper Division.

PC.8. Sir Sangarapillai Pararajasingam Prize in Zoology

Founded in 1985 by Mrs. L. Swaminathan in memory of her father late Sir Sangarapillai Pararajasingham and is awarded to the student attaining the best performance in the Honours Degree Examination in Zoology with First Class or Second-Class Upper Division.

PC.9. Professor P. Kanagasabapathy Memorial Prize

Founded in 1983 by the friends and colleagues of the late Prof. P. Kanagasabapathy, First Dean of the Faculty of Science.
This prize is awarded to the student who has followed the General Degree Course and obtained the highest GPA at the General Degree (Physical Science and Biological Science considered together) Examinations with a First Class or Second Class Upper Division.

C4 Gold Medals:

G.1. Professor K. Theivendrarajah Gold Medal in Botany

This award is established in year 1989 by Professor K. Thivendrarajah, former Professor of Botany, University of Jaffna and is awarded to the student attaining the best performance in the Honours Degree Examination in Botany with a First Class.

G.2. Professor A. Thurairajah Gold Medal for All Round Performance in the Faculty of Science

This award is established in year 2001 by the colleagues of Professor A. Thurairajah, former Vice-Chancellor of the University of Jaffna.

The Gold Medal (half sovereign) is awarded annually to the best student/students of the Faculty of Science, University of Jaffna. The best student / students shall be selected by giving point for his or her various activities such as Academic Performance, Achievements in Sports Activities, cultural activities, Student Welfare activities etc.

G.3. Professor S. Mageswaran Gold Medal for Best Performance in Physical Science at the General Degree Examination

This award is established in year 2001 by the former students of Late Professor Sivapathasundaram Mageswaran, former Professor of Organic Chemistry and former Dean of the Faculty of Science in appreciation of the services rendered by him to the Faculty of Science, University of Jaffna.
A Gold Medal is awarded for Best Performance in Physical Science in the General Degree Examination with at least a Second-Class (Upper Division).

G.4. Professor S. Mageswaran Gold Medal for Best Performance in Biological Science at the General Degree Examination

This award is established in year 2001 by the former students of Late Professor Sivapathasundaram Mageswaran, former Professor of Organic Chemistry and former Dean of the Faculty of Science in appreciation of the services rendered by him to the Faculty of Science, University of Jaffna.
A Gold Medal is awarded for Best Performance in Biological Science in the General Degree Examination with at least a Second Class (Upper Division).

G.5. Professor S. Mageswaran Gold Medal for Best Performance in Advanced Organic Chemistry at the Honours Degree Examination

This award is established in year 2001 by the former students of Late Prof. Sivapathasundaram Mageswaran, former Professor of Organic Chemistry and former Dean of the Faculty of Science in appreciation of the services rendered by him to the Faculty of Science, University of Jaffna.
A Gold Medal is awarded for Best Performance in the fourth year Advanced Organic Chemistry units (Theory and Practical) in the Honours Degree Examination in Science, with a minimum Grade Point Average (GPA) of 3.30 in all the fourth year Advanced Organic Chemistry units (Theory and Practical) and obtaining at least a Second Class (Upper Division) in the Honours Degree Examination.

G.6. Sivaramani Gold Medal / Prize for English

This award is established in year 2003 by Mrs. Sugirthammah Sivananthan in memory of her beloved daughter, Late Miss Sivaramani Sivanandan, who has been a student of Linguistics and English in the University of Jaffna during the period 1989-1991.

This Gold Medal / Prize is awarded annually to a student in the Faculty of Science who obtains the highest marks among those who obtain the grade of A or above in the English Language course (Course Unit ENG201GA0 at present) taught in the First and Second years of study in the Faculty of Science.
If the available funds is not sufficient to award a Gold Medal of at least half a sovereign, then a Cash Prize is awarded.

G.7. Professor K. Kunaratnam Gold Medal for Best Overall Performance in Pure and Applied Sciences

This Endowment is established in year 2003 by the students of Emeritus Professor Kanthia Kunaratnam, former Vice-Chancellor and Dean / Faculty of Science of the University of Jaffna in appreciation of his services to higher education in science.

This prestigious Gold Medal is awarded each year at the annual convocation of the University of Jaffna and is opened to students graduating from the Faculties of Agriculture, Science and Applied Science or Engineering with a First Class or Second Class (Upper Division) in a Degree course of at least four years duration.

During the university career, recipient should have earned the highest points among the applicants as computed according to a point scheme giving points for the applicants for their Academic performance, Sports activities, Student research/popularisation of Science, Student Union and Societies Cultural activities Cultural activities, Social Activities outside the university etc.

G.8. Allen Abraham Ambalavanar Memorial Gold Medal Award in Physics

Founded in 2019 by the descendants of Allen Abraham. Awarded to the student attaining the top ranking in the Physics advanced course units (Levels 3M and 4M of the third and fourth years respectively) of the Honour Degree Programme.

Annexure D

Principal Officers of the University of Jaffna

The Chancellor	Emeritus Prof. S. Pathmanathan
The Competent Authority	Emeritus Prof. K. Kandasamy
Rector, Vavuniya Campus	Dr. T. Mangaleswaran
Dean/Agriculture (Ariviyal Nagar)	Dr. K. Sooriyakumar
Dean/Allied Health Sciences	Mrs. D. Thabotharan
Dean/Arts	Dr. K. Suthakar
Dean/Engineering (Ariviyal Nagar)	Prof. A. Atputharajah
Dean/Graduate Studies	Prof. G. Mikunthan
Dean/Hindu Studies	Mrs. S. Sri Muralitharan
Dean/Managements Studies and Commerce	Prof. B. Nimalathasan
Dean/Medicine	Dr. S. Raviraj
Dean/Science	Prof. P. Ravirajan
Dean/Technology (Ariviyal Nagar)	Dr. (Mrs.) S. Sivachandran
Dean/Applied Science (Vavuniya Campus)	Dr. (Mrs.) A. Nanthakumaran
Dean/Business Studies (Vavuniya Campus)	Dr. Y. Nanthagopan
Dean/Technological Studies (Vavuniya Campus)	Mr. D.S.S.S. Suthaharan
Head/Computer Unit	Dr. K. Thabotharan
Registrar	Mr. V. Kandeepan
Librarian (Acting)	Dr. (Mrs.) K. Chandrasekar
Bursar	Mr. K. Sureshkumar
Proctor	Prof. S. Kannathasan
Senior Student Counsellor	Dr. S. Rajumesh

Annexure E

Principal Officers of the Faculty of Science, University of Jaffna

Office of the Dean	**Name of the Officer**	**Contact Number**
Dean	Prof. P. Ravirajan	021 – 221 8190
Assistant Registrar	Mrs. G. Sutharsan	021 – 222 2685
Department	**Heads**	**Contact Number**
Botany	Prof. R. Kapilan	021 – 221 8198
Chemistry	Dr. P. Iyngaran	021 – 221 8193
Computer Science	Dr. A. Ramanan	021 – 221 8194
Fisheries	Prof. (Mrs). S. Kuganathan	021 – 222 2307
Mathematics and Statistics	Dr. S. Arivalzahan	021 – 221 8196
Physics	Dr. T. Pathmathas	021 – 221 8197
Zoology	Dr. T. Eswaramohan	021 – 221 8199

Annexure F

Department of Botany

Academic Staff

Prof. R. Kapilan
BSc Hons (Jaffna)
MPhil (Jaffna)
PhD (Alberta, Canada)
Associate Professor

Prof. P. Sevvel
BSc (Madras, India)
MSc (Madras, India)
PhD (Belfast, UK)
Associate Professor

Mrs. N. Ravimannan
BSc Hons (Jaffna)
MPhil (Peradeniya)
Senior Lecturer

Mrs. K. Niranjan
BSc Hons (Jaffna)
MPhil (Peradeniya)
Senior Lecturer

Mrs. J. Nandakumar
BSc Hons (Jaffna)
MPhil (Peradeniya)
Senior Lecturer

Mr. A. C. Thavaranjit
BSc Hons (Jaffna)
MSc (Kelaniya)
Senior Lecturer

Dr. (Ms). N. Krishnapillai
BSc Hons (Jaffna)
MPhil (Peradeniya)
PhD (Peradeniya)
Senior Lecturer

Dr. (Mrs.) G. Rajkumar
BSc Hons (Jaffna)
PhD (Colombo)
Senior Lecturer

Dr. A. Vengadaramana
BSc Hons (Jaffna)
MPhil (Jaffna)
PhD (Peradeniya)
Senior Lecturer

Dr. E. C. Jeyaseelan
BSc Hons (Jaffna)
PhD (Reading, UK)
Senior Lecturer

Dr. (Mrs.) T. Jeyaseelan
BSc Hons (Jaffna)
PhD (Peradeniya)
Senior Lecturer

Support Staff

Mr. T. Jalagoban	Technical Officer	Mr. K. Pushparatnam	Laboratory Attendant
Mr. P. T. J. Jashothan	Technical Officer	Mr. B. Ragulan	Laboratory Attendant
Mr. A. N. Jeevanarajah	Technical Officer	Mr. A. Thananchayan	Laboratory Attendant
Mr. K. Jeyakkumar	Technical Officer	Mr. K. Vijayakumar	Laboratory Attendant
Mrs. M. Sivabalasunthar	Technical Officer	Mr. S. Jegakamalanathan	Works Aide
Mr. N. Sabananthar	Senior Staff Assistant	Mr. K. Suren	Works Aide
Miss. S. Nithiyanantham	Laboratory Attendant	Mr. K. Jeyakumar	Works Aide

Department of Chemistry

Academic Staff

Prof. J. P. Jeyadevan
BSc (Hons) (Jaffna)
PhD (Liverpool, UK)
Professor

Prof. K. Velauthamurty
BSc (Hons) (Jaffna)
PhD (Peradeniya)
Professor

Prof. (Ms) M. Senthilnanthanan
BSc(Hons) (Jaffna)
PhD (Leeds, UK)
Associate Professor

Dr. N. Sivapalan
BSc (Hons) (Jaffna)
PhD (Cambridge, UK)
Senior Lecturer

Dr. R. Srikaran
BSc (Hons) (Jaffna)
PhD (Sheffield, UK)
Senior Lecturer

Dr. T. Manoranjan
BSc (Hons) (Jaffna)
PhD (Peradeniya)
Senior Lecturer

Dr. P. Abiman
BSc (Hons) (Jaffna)
DPhil (Oxford, UK)
Senior Lecturer

Dr. P. Iyngaran
BSc (Hons) (Jaffna)
PhD (Cambridge, UK)
Senior Lecturer

Dr. (Mrs.) J. Prabagar
BSc (Hons) (Jaffna)
DPhil (Oxford, UK)
Senior Lecturer

Dr. G. Sashikesh
BSc (Hons) (Jaffna)
DPhil (Oxford, UK)
Senior Lecturer

Mrs. R. Senthooran
BSc (Hons) (Jaffna)
MPhil (Peradeniya)
Senior Lecturer

Dr. (Mrs.) S. Yohi
BSc (Hons) (Jaffna)
MS (South Dakota, USA)
PhD (South Dakota, USA)
Senior Lecturer

Dr. (Mrs.) S. Selvakumar
BSc (Hons) (Jaffna)
PhD (Colombo)
Senior Lecturer

Support Staff

Mr. A. Lakshman	Staff Technical Officer
Mrs. N. Yogenthiran	Staff Technical Officer
Mr. A. Thabesan	Staff Technical Officer
Mr. S. Satheesan	Technical Officer
Mr. G. Senthilnathan	Technical Officer
Mr. M. Chithirangan	Management Assistant
Mr. N. Manoranjan	Laboratory Attendant
Mr. S. Nanthakumar	Laboratory Attendant
Mr. W. J. Abiyooth	Laboratory Attendant
Mr. K. Aravinth	Laboratory Attendant
Mr. R. Arunpirsath	Laboratory Attendant
Mr. K. Ithyakumaran	Laboratory Attendant
Mr. R. Kartheepan	Laboratory Attendant
Mr. A. Thaneswaran	Laboratory Attendant
Mr. S .Thivas	Laboratory Attendant
Mr. S. Sivalingam	Works Aide
Mr. P. Uthayakumar	Works Aide

Department of Computer Science

Academic Staff

Dr. S. Mahesan
BSc Hons (Jaffna)
MSc (Wales, UK)
PhD (Cardiff, UK)
Senior Lecturer

Dr. E. Y. A. Charles
BSc Hons (Jaffna)
PhD (Cardiff, UK)
Senior Lecturer

Dr. K. Thabotharan
BSc Hons (Jaffna)
MSc (Akron, USA)
PhL (Uppsala, Sweden)
PhD (Colombo)
Senior Lecturer

Dr. A. Ramanan
BSc Hons (Jaffna)
PhD (Southampton, UK)
Senior Lecturer

Mr. S. Suthakar
BSc Hons (Jaffna)
MPhil (Jaffna)
Senior Lecturer

Dr. (Mrs.) B. Mayurathan
BSc Hons (Jaffna)
PhD (Peradeniya)
Senior Lecturer

Dr. M. Siyamalan
BSc Hons (Jaffna)
MSc (Nice, France)
PhD (Dundee, UK)
Senior Lecturer

Mr. K. Sarveswaran
BSc Hons (Peradeniya)
MSc (Moratuwa)
Lecturer

Mr. S. Shriparen
BSc Hons (Jaffna)
MSc (Colombo)
Lecturer

Ms. J. Samantha Tharani
BSc Hons (Jaffna)
Lecturer

Support Staff

Mr. Y. Hajanthan	Technical Officer
Mr. T. Sugirthan	Assistant Network Manager
Mr. N. Thileepan	Management Assistant
Mrs. V. Athithan	Management Assistant
Mr. V. Visithan	Programmer Cum System Analyst
Mr. A. Arulnesan	Laboratory Attendant
Mr. P. Amirtharajah	Works Aide

Department of Fisheries

Academic Staff

Prof. (Mrs.) S. Kuganathan
BSc Hons (Jaffna)
MSc (North Wales, UK)
PhD (Annamalai, India)

Professor

Mr. N. Ragavan
BSc Hons (Jaffna)
MSc (SJP)

Lecturer

Mrs. S. Sutharshiny
BSc Hons (Jaffna)
MPhil (Jaffna)

Senior Lecturer

Ms. P. Shobiya
BSc Hons (Jaffna)

Lecturer

Mr. K. Gunaalan
BSc Hons (Ruhuna)
MSc (Bologna, Italy)

Lecturer

Support Staff

Mr. K. Harichandra	Technical Officer
Mr. T. Partheepan	Technical Officer
Ms. Y. Janany	Management Assistant
Ms. A. Niroshna	Laboratory Attendant
Mr. A. Rajithan	Laboratory Attendant
Mr. S. Ravishanth	Works Aide

Department of Mathematics and Statistics

Academic Staff

Prof. S. Srisatkunarajah
BSc Hons (Jaffna)
Dip. in Ed. (OUSL)
PhD (Heriot-Watt, UK)
Professor

Dr. K. Kannan
BSc Hons (Jaffna)
MSc (Madras)
PhD (Southampton, UK)
Senior Lecturer

Prof. R. Vigneswaran
BSc Hons (Jaffna)
PhD (Sussex, UK)
Associate Professor

Mr. N. Varathan
BSc Hons (Jaffna)
MSc (Peradeniya)
MSc (Memorial, Canada)
Senior Lecturer

Mr. S. Selvarajan
BSc Hons (Jaffna)
PG Dip. (Peradeniya)
MPhil (SJP)
Senior Lecturer

Dr. R. Prasanthan
BSc Hons (Jaffna)
MSc (Southern Illinois, USA)
PhD (Southern Illinois, USA)
Senior Lecturer

Mrs. N. Satkunanathan
BSc Hons (Jaffna)
MSc (Peradeniya)
MSc (Memorial, Canada)
Senior Lecturer

Dr. N. Ramaruban
BSc Hons (Jaffna)
PhD (Cincinatti, USA)
Senior Lecturer

Dr. S. Arivalzahan
BSc Hons (Jaffna)
MSc (NUS, Singapore)
PhD (Monash, Australia)
Senior Lecturer

Dr. S. Arumairajan
BSc Hons (Jaffna)
PhD (Peradeniya)
Senior Lecturer

Mr. A. Laheetharan
BSc Hons (Jaffna)
MPhil (Peradeniya)
Senior Lecturer

Dr. T. Mathanaranjan
BSc Hons (Jaffna)
PhD (Peradeniya)
Senior Lecturer

Dr. B. Kethesan
BSc Hons (Jaffna)
MSc (Madras, India)
PhD (Madras, India)

Senior Lecturer

Mr. R. Tharshan
BSc Hons (Jaffna)
MS (WSU, USA)

Lecturer

Mr. M. Khokulan
BSc Hons (Jaffna)
MPhil (Jaffna)

Senior Lecturer

Mrs. A. Thushyanthan
BSc Hons (Jaffna)

Lecturer

Mr. B. Muraleetharan
BSc Hons (Jaffna)
MPhil (Jaffna)

Senior Lecturer

Mrs. J. Duwarahan
BSc Hons (Jaffna)

Lecturer

Mr. M. Annanthakrishna
BSc Hons (Jaffna)
MPhil (Colombo)

Senior Lecturer

Mr. M. Arunmaran
BSc Hons (Jaffna)

Lecturer

Support Staff

Mr. Y. Maaran	Technical Officer
Mrs. K. Nijanthini	Management Assistant
Mr. K. Kokulapalan	Laboratory Attendant
Mr. J. Kajenthiran	Health Services Labourer

Department of Physics

Academic Staff

Prof. P. Ravirajan
BSc Hons (Jaffna)
MSc (Peradeniya)
DIC, PhD (London, UK)
Senior Professor

Dr. (Ms.) U. Sutharsini
BSc Hons (Jaffna)
PhD (Malaya, Malaysia)
Senior Lecturer

Dr. K. Vignarooban
BSc Hons (Jaffna)
MPhil (Peradeniya)
PhD (Cincinnati, USA)
Senior Lecturer

Dr. M. Thanihaichelvan
BSc (Eng) Hons (Anna, India)
MSc (East London, UK)
PhD (Wellington, New Zealand)
Senior Lecturer

Dr. T. Pathmathas
BSc Hons (Jaffna)
ICTP Dip.in THEP (Trieste
MSc (Peradeniya)
PhD (Cape Town, South Africa)
Senior Lecturer

Mr. S. Senthuran
BSc Hons (Jaffna)
MSc (Belfast, UK)
Lecturer

Dr. A. Thevakaran
BSc Hons (Jaffna)
PhD (Colombo)
Senior Lecturer

Mr. K. Prashanthan
BSc Hons (Jaffna)
MRes, DIC (Imperial College London, UK)
Lecturer

Support Staff

Mr. T. Mathiamuthan	Staff Technical Officer
Mr. V. Tharsan	Technical Officer
Mr. M. Arulkumaran	Technical Officer
Mr. T. Mohanaramanan	Technical Officer
Ms. A. Thenuga	Technical Officer
Mr. T. Pirapakaran	Management Assistant
Mr. R. Dixithjanagan	Mechanic
Mr. A. Sasiruban	Laboratory Attendant
Mr. V. Kesabavan	Laboratory Attendant
Mr. J. Aynkaran	Laboratory Attendant
Mr. K. Jeyaseelan	Laboratory Attendant
Mr. J. Subas	Laboratory Attendant
Mr. S. Thineswaran	Laboratory Attendant

Department of Zoology

Academic Staff

Prof. S. N. Surendran
BSc Hons (Jaffna)
PhD (Colombo)
Professor

Prof. (Mrs.) R. Gnaneswaran
BSc Hons (Jaffna)
MPhil (Peradeniya)
PhD (Peradeniya)
Professor

Ms. R. Nithiyagowry
BSc Hons (Jaffna)
MPhil (Jaffna)
Senior Lecturer

Dr. T. Eswaramohan
BSc Hons (Jaffna)
PhD (Colombo)
Senior Lecturer

Dr. (Mrs.) A. Sivaruban
BSc Hons (Jaffna)
PhD (Jaffna)
Senior Lecturer

Mr. W. Venkatesh Luckshman
BSc Hons (Jaffna)
MS (Oklahoma, USA)
Senior Lecturer

Dr. K. Gajapathy
BSc Hons (Jaffna)
PhD (Jaffna)
Senior Lecturer

Mrs. P. Sivakumar
BSc Hons (Jaffna)
MPhil (Peradeniya)
Senior Lecturer

Dr. (Mrs.) T. W. Shanthakumar
BSc Hons (Jaffna)
MPhil (Jaffna)
PhD (JNU, South Korea)
Senior Lecturer

Ms. G. Kandasamy
BSc Hons (Peradeniya)
Lecturer

Mr. S. Arthiyan
BSc Hons (Jaffna)
Lecturer

Ms. S. Kokila
BSc Hons (Jaffna)
MPhil (Jaffna)
Lecturer

Support Staff

Mr. V. Jegathambikaipakan	Senior Staff Technical Officer	Ms. A. Ajanthini	Laboratory Attendant
Mr. K. Sribandakaran	Staff Technical Officer	Mr. K. Kajalaksan	Laboratory Attendant
Mrs. K. Niranjan Staff	Technical Officer	Mr. K. Rathangan	Laboratory Attendant
Mr. P. Pathmaruban	Management Assistant	Mr. M. Rajkumar	Works Aide
Mr. E. Amirthalingam	Laboratory Attendant	Mr. S. Suthakaran	Works Aide
Mr. S. Thangarajah	Laboratory Attendant	Mr. R. Sivakaran	Works Aide

Annexure G
Staff of the Dean's Office, Faculty of Science

Prof. P. Ravirajan
Dean, Faculty of Science

Mrs. G. Sutharsan
Asst. Registrar

Mr. Y. Kesavan
Scientific Assistant

Mr. S. D. Jeshanthan
Staff Management Assistant

Mr. M. Nishanth
Management Assistant

Ms. S. Keerththana
Management Assistant

Mr. B. Narendran
Works Aide

Mr. M. Krishdeepan
Works Aide

Mr. K. Sarmilan
Works Aide

Mr. S. Somasundaram
Health Service Labourer

Annexure H

Useful Telephone Numbers

Administrative Office/Branch/Unit	Telephone No.
University - General Information	021 – 221 8101
Vice Chancellor / Competent Authority	021 – 221 8102
Registrar	021 – 221 8105
Bursar	021 – 221 8108
Senior Assistant Registrar / Administration	021 – 221 8112
Assistant Registrar / Student Admission	021 – 221 8120
Deputy Registrar / Examination	021 – 221 8118
Assistant Registrar / Welfare Services	021 – 221 8122
University Medical Officer (UMO)	021 – 221 8130
Deputy Chief Marshal	021 – 221 8132
Chief Security Officer	021 – 221 8133
Senior Student Counsellor	021 – 221 8135
Librarian	021 – 221 8136
Computer Unit	021 – 221 8195
Department of English Language Teaching	021 – 221 8167
Physical Education Unit	021 – 221 8131
Anandakumarasamy Hostel	021 – 222 2306
Balasingam Hostel	021 – 222 2304
Kondavil Girl's Hostel	021 – 221 4549
Kondavil Boys' Hostel	021 – 221 4557
Kokuvil Hostel (near Medical Faculty)	021 –2215890/5891
Ramanathan Academy of Fine Arts Hostel	021 – 321 7769
Peoples Bank (University Branch)	021 – 222 2072
Bank of Ceylon (University Branch)	021 – 221 9570

Annexure I

Map of the Faculty Premises