The Open University of Sri Lanka
Faculty of Engineering Technology

FACULTY PROSPECTUS
2019 / 2020

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Message from the Dean

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This Prospectus helps you to select the right study programme conducted by the Faculty of Engineering Technology of the OUSL paving the way for a bright professional life in the fields of Engineering and Technology. The Faculty of Engineering Technology, which comes under the University Grants Commission, has over 30 years of experience in delivering a wide range of quality distance learning study programmes in a variety of disciplines in Engineering and Technology. At present, the Faculty consists of six Academic Departments, with over sixty well-qualified dedicated academic staff members. The Faculty offers a wide spectrum of qualifications which includes Certificates, Higher Diplomas, Undergraduate and Postgraduate Degrees in various disciplines which fulfil the requirements of a vast number of students. Being a faculty of a distance learning institution, the study programmes of the Faculty have been designed in such a way that the student can follow them with a minimum number of face to face teaching sessions. The Faculty provides required learner support with the help of open educational technology.

Since the programmes are offered in distance mode, the students have the freedom to work while studying in the University. Although each study programme has a minimum duration, the students have the option to extend the duration up to three times of the minimum duration depending upon their time availability for studies. Faculty also recognises prior qualifications of the applicants and they can enter a programme at different levels. The University has taken steps to cater to the demands of the provinces of the country through the network of regional and study centres, and the students can carry out many of the academic activities without visiting the central campus at Nawala.

At present the Faculty offers three undergraduate study programmes, namely Bachelor of Technology Honours in Engineering [BTechHons(Eng)], Bachelor of Industrial Studies Honours [BISHons], and Bachelor of Software Engineering Honours [BSEHons]. The students following study programmes leading to BTechHons(Eng), BISHons or BSEHons may also obtain a Higher Diploma in the relevant discipline after fulfilling the requirements. The graduates of the Faculty are working very successfully in relevant industries both locally and abroad while some are pursing postgraduate studies locally as well as abroad. The study programmes are regularly updated in keeping with current trends, and the latest revisions to the curricula have been made to meet the professional accreditation requirements while fully complying with the Sri Lanka Qualification Framework. (SLQF)

I hope you too will find our study programmes and courses interesting, motivating and useful, and your learning experience rewarding and enjoyable. On behalf of our Faculty I wish you good luck in all your future endeavours.

Table of Contents

Part I - General Information

1. The University

The Open University of Sri Lanka (OUSL) was established in 1980 under the Universities Act No. 16 of 1978 and the OUSL Ordinance No. 1 of 1990. It therefore has the same legal and academic status as all other national universities in Sri Lanka. The OUSL is the only recognised university in Sri Lanka where one can pursue further education solely by distance education methods in keeping with the philosophy of Open and Distance Learning (ODL). As per the Public Administration Circular No. 16/92, dated 13/03/1992, issued by the Ministry of Public administration, Provincial councils and Home affairs, the degrees awarded by the OUSL are treated as equivalent to degrees awarded by other universities under the purview of the University Grants Commission (UGC) of Sri Lanka. Owing to the nature of its teaching methods and the massive infrastructure, the University has over 40,000 students with extremely varied profiles, spread throughout the island. About 70% of these students are employed.

The OUSL offers its own programmes of study leading to Certificates, Diplomas, Higher Diplomas, Honours Degrees and Postgraduate Diplomas and Masters Degrees. In addition to these main academic programmes, Stand Alone courses are also offered. The OUSL is also fully equipped to support postgraduate research studies leading to Master of Philosophy (MPhil) and Doctor of Philosophy (PhD) degrees.

The structure of the study programmes provides opportunities for those who complete one programme to progress up the ladder to higher programmes, and further improve their educational qualifications. Education at OUSL is thus a life-long experience. OUSL provides a readily accessible and progressive ladder of opportunities to study, to improve the vocational, professional and earning potential of an individual. The study programmes are been designed to meet national, educational and training needs, and to offer opportunities to those who have the dedication and drive to succeed. With its flexibility, the OUSL provides a more socially equitable higher education system.

The OUSL functions through a network of centres spread throughout the island. The Central Campus and the Colombo Regional Centre of the Open University are located in Nawala (Colombo District), easily accessible by road and railway.

2. The Study System

The study system adopted by the Open University of Sri Lanka is based on multimedia instructional material with strong emphasis on **Distance Education** methods using printed material, online learning facilities and audio-visual aids. The Faculty of Engineering Technology is one of the pioneers, among all academic institutions in the world, in the delivery of engineering programmes in Distance Education mode.

The central component of Distance Education is the printed material that offers the student the equivalent to lectures in a conventional university. They also provide a series of carefully designed activities and self-assessment questions, which help the student to develop analytical skills and independent thought. Printed material is supplemented by audio-visual material, online classes, face to face discussions/clarification classes (Day-Schools), tutor clinics, laboratory work, fieldwork, and seminars. Laboratory work and fieldwork form an integral part of most courses in technology are compulsory. Pre-scheduled Day Schools and Tutor Clinics are conducted by the academics for groups of students at Regional and Study Centres of the University. As most of the programmes are offered in English medium, an acceptable knowledge in English is expected from our students.

The OUSL is meant primarily for working students. Therefore, it is possible for a student to study while working, without much difficulty. Those students who have passed GCE (A/L) may join the Honours Degree programmes directly.

While the University is making every effort to schedule as many activities as possible during weekends and public holidays, certain activities such as laboratory classes and examinations may have to be scheduled during weekdays. Since the "Activity Diary" for the whole year is given to the students at the beginning of the academic year, it is hoped that they can plan their time well in advance.

In a programme of study, the student is assessed in each course separately Assessment consists of two components, namely **Continuous Assessment (CA)** and **Final Examination (FE).** Continuous assessment is not merely a means of assessment; it is one of the significant means of facilitating learning. Activities such as laboratory work (LAB), Field Visits (FV), Tutor Marked Assignments (TMAs), presentations (PR), Mini Projects (MP) and Continuous Assessment Tests (CATs) are integral parts of learning and assessment.

3. Student Commitment

If you are looking for an opportunity to learn about something that interests you, an opportunity that you never really had, the OUSL may be the place for you.

We would do our best to facilitate your learning, but the hard work is up to you. If you are to make use of this opportunity, you need to be prepared to make some sacrifices. You have to be self-motivated, and be prepared to sacrifice part of your leisure, at least for a few years. If you are motivated to make the best of what is offered, we will attempt to provide you with the means of achieving the highest academic and professional goals, irrespective of your present status.

Our programmes of study allow you to build upon your present achievements, and advance in your career systematically, as you progress in your learning. It would be a mistake on your part if you expect the OUSL to enable you to gain a qualification without putting in a substantial amount of hard work.

Working students may find it difficult to obtain leave of absence from work to attend to some of the compulsory activities that make up a particular course. However, as the calendar giving the attendance requirements is usually announced well in advance, it is possible to select the courses to minimise this problem. You should pay particular attention to this, at the time you register for courses at the beginning of each academic year.

In the case of some activities, such as laboratory classes, you may also have a choice in the selection of dates and times. Unfortunately, this is not possible in the case of tests, presentations and examinations, as these activities involve other students as well.

The OUSL expects its students to interact closely with the world of work. The fact that the University was primarily established to address the needs of working students cannot be over emphasised. As such, we do make an extra effort to accommodate the particular situation of such students. However, the students too should plan their programme, taking note of the fact that there cannot be any flexibility in arranging certain activities. Therefore, when selecting the courses to be offered in a particular year, you are advised to consider your commitment in terms of time and money.

For example, a student registering for thirty eight (38) course credits of regular courses per year will need to devote about one thousand nine hundred (1900) hours of his/her free time for self-study during the academic year. This is about 58 hours per week for 33 weeks (i.e. about 8 hours per day). If you are unable to devote the required time, you should consider registering for lesser number of course credits.

Similarly, as the tuition fee is computed based on the number of course credits offered, you can plan your selection based on the amount of money you could afford for that particular year. Thus you may follow a programme of study at your own pace according to time and money available.

1. Faculty of Engineering Technology

The Faculty of Engineering Technology is one of the five academic faculties of the OUSL. The other four faculties are the Faculty of Natural Sciences, the Faculty of Humanities and Social Sciences, the Faculty of Education and the Faculty of Health Sciences.

The administrative and academic head of the Faculty is the Dean. The Faculty of Engineering Technology consists of six Academic Departments:

- Agricultural and Plantation Engineering
- Civil Engineering
- Electrical and Computer Engineering
- Mathematics and Philosophy of Engineering
- Mechanical Engineering
- Textile and Apparel Technology

Each department functions under the Head of the department. All departments are collectively responsible for all academic activities of the Faculty.

The Faculty Board of the Faculty of Engineering Technology regulates all academic activities in the Faculty, under the direction of the Senate of the OUSL.

The Faculty also has a multi-disciplinary Engineering Research Unit (ERU) dedicated to enhance research in the Faculty and to provide a forum for discussion of matters pertaining to engineering research.

The Faculty of Engineering Technology offers a wide variety of programmes from Certificates, Diplomas, Degrees, PG Diplomas, Master's Degrees and Research Degrees such as Master of Philosophy and Doctor of Philosophy.

If you are interested in learning about technology, it is very likely that there is a programme to suit you. More details about study programmes are given in Part III of this Prospectus.

2. Academic Departments

Agricultural and Plantation Engineering

The Department of Agricultural and Plantation Engineering offers Bachelor of Industrial Studies Honours degree in Agriculture specialisation. The degree is designed to produce trained and experienced graduates who can address diverse range of industry related issues in Agriculture. It specially provides an opportunity to upgrade the knowledge those who are already employed in the agriculture sector. The degree offers a wide range of courses related to Crop Science, Plant and Soil Science, Hydrology and Water Resources, Agricultural Biology and Biotechnology, Plant Protection, Animal Husbandry, Postharvest Biology and Technology, Food Science and Technology Agricultural Economics and Management, Farm Power and Machinery and Environmental Agriculture.

Students in the department are heavily involved in practical sessions for each course unit. The theoretical component of this specialisation is amply supported with exposure to practical sessions in well-equipped laboratories of the department. In addition students receive 15 weeks specific training at the Department of Agriculture Research Stations as well as 15 weeks industry related training during the degree programme. This enhances the practical knowledge of students even through the course units are offered through distance mode. Furthermore, considerable study time is allocated for assignments, mini projects, field visits, and research projects to strengthen the skills of the future graduates.

In addition to above compulsory courses, the department offers various optional courses drawn from various specialised areas in Agriculture and students are encouraged to choose a combination of courses that best suit to their requirement.

The Department is endowed with qualified staff specialised in different fields of Agriculture. In addition to facilitating the learning they engage in research and development activities while supervising MPhil and PhD students.

Civil Engineering

The Department of Civil Engineering enhances your prospects for employment and opportunities for higher learning in the field of Civil Engineering which provides for infrastructure facilities in a country.

The Department offers Degree of Bachelor of Technology Honours in Engineering programme in the specialisation of Civil Engineering.

While addressing traditional Civil Engineering subjects in the broad areas of Construction Materials, Structural Analysis & Design, Soil & Geotechnical Engineering, Hydraulics & Irrigation Engineering, Land & Quantity Surveying, Highway and Transportation Engineering and Construction Engineering, social, economic and environmental issues are also considered in the development of curricula for programmes offered by the Department.

As a result, management of human resources, carrying out an environmental impact assessment, the use of information technology such as geographic information systems & global positioning systems and the economic analysis of projects are some of the additional skills that are included in the Civil Engineering programme.

While the Civil Engineering programme consists of a compulsory core group of subjects, it allows students to select optional courses drawn from various specialised areas. Students are encouraged to choose a combination of courses that best suit their individual requirements.

Academically as well as professionally qualified staff of the Department of Civil Engineering is committed to prepare you for work in the field. All courses contain practical components such as laboratory work, field work, field visits and engineering designs – in addition to theory, so that you will be better prepared for this challenge. The 30 weeks of industrial training will give you an opportunity to observe how concepts learnt in theory are put into practice. The final Project, which has to be taken towards the end of the programme, is the culmination of your studies. This project enables you to demonstrate and prove your ability to apply the knowledge gained towards solving real world engineering problems.

Electrical and Computer Engineering

The Department of Electrical and Computer Engineering offers the Degree of Bachelor of Technology Honours in Engineering in three specialisations namely Computer, Electrical, Electronics and Communication Engineering. The mission of our undergraduate programmes is to provide a flexible curriculum in fundamental and advanced topics in Computer, Electrical, Electronics and Communication Engineering.

The courses offered for Computer Engineering integrate both software and hardware aspects of computing. Graduates can work in the fields of Pervasive computing (IoT), Software Engineering, Computer networking or Computer hardware.

The courses offered in Electronics and Communication Engineering allow the students to pursue a career in design of electronic systems and electronic equipment maintenance. It also gives the required theoretical and practical know-how to embark on careers in rapidly growing fields of telecommunications and modern data networking such as Telephony, TV, Radio broadcasting, Satellite communication and Mobile communication.

The Electrical Engineering courses are focused on planning, design, construction, operations & controls in the fields of Electricity Generation, Transmission and Distribution.

The undergraduate students have the opportunity to learn Power systems, High voltage engineering, Electrical machines, Power electronics, Electrical installations, Power systems planning, etc., during the study period. The students also receive a specialised training programme from recognised institutions. With the hands-on experience they gather from the world established software tools installed in the power systems laboratory, graduated students are well groomed to face the future challenges and work confidently in the field of Electrical Engineering.

The Department also offers a degree programme leading to award of Bachelor of Software Engineering Honours (BSEHons). This degree programme was designed according to the IEEE/ACM Guidelines together with software industry partnership (SLASSCOM). Diploma in Information Systems and Technology (DIST) is a one-year diploma programme offered by the Department.

There are also four Masters programmes that have been designed and which are planned to be offered in 2019. **Master in Data Science** and **Master in Telecommunication and Networking** are one-year masters programmes whereas **MSc in Data Science** and **MSc in Telecommunication and Networking** are two-year masters degree programmes including a research component.

Mechanical Engineering

The Department of Mechanical Engineering provides the students with opportunities to advance themselves in their careers and become graduate engineers in the specialisations of Mechanical Engineering or Mechatronics Engineering.

The students opting to follow Mechanical Engineering stream have the option to select courses in automobile engineering, manufacturing engineering and combination of both to meet their specific requirements. The theoretical components of these specialisations are amply supported with exposure to practical situations, in reasonably well-equipped laboratories of the department.

Mechatronics Engineering is the newest specialisation offered by the Department with the objective of producing well trained Mechatronics engineers/technical personnel and was introduced for the first time to the engineering curricula in Sri Lanka. It deals with an integrated design approach involving mechanical, electronic, and controls engineering in finding solutions to the modern industry as well as meeting commercial needs.

The postgraduate Study Programmes conducted by the department are being revised according to SLQF and to meet the current needs. A one- year study programme leading to the award of Master of Energy Management is to be offered in mid-2019. This Programme aims to impart necessary specific theoretical knowledge and skills in the area of energy management to the graduates of engineering who aspire to become qualified energy managers or energy auditors. A two-year study Programme leading to the award of Master of Science in Industrial Engineering is to be offered soon after the approval is obtained from the University Grants commission. The aim of the Study Programme is to provide an opportunity, for the graduates who are working in the industry as Industrial Engineers and Managers or the graduates willing to enter into the decision making level, to obtain a higher qualification in the field of Industrial Engineering. This provides an educational opportunity composed with up-to-date academic content delivered within a well-planned curriculum framework and course syllabuses related to Industrial Engineers. In addition to the taught masters' programme, the department accepts research students in the areas related to mechanical and mechatronics engineering to read for higher degrees by research leading to the awards of MPhil and PhD.

Textile and Apparel Technology

The Department of Textile and Apparel Technology of the Open University of Sri Lanka offers a number of study programmes in the fields of Textiles, Apparel and Fashion design & Product development. The study programmes are spread over different levels from Certificates, Bachelors Degrees, Masters Degrees to higher Research Degrees such as Master of Philosophy and Doctor of Philosophy.

The Department offers two undergraduate degree programmes Bachelor of Technology Honours in Engineering and Bachelor of Industrial Studies Honours. Bachelor of Technology Honours in Engineering degree is offered in the specialisation Textile and Clothing Engineering. Bachelor of Industrial Studies Honours degree has three specialisations; Apparel Production & Management, Textile Manufacture and Fashion Design & Product Development. These programmes are carefully designed to meet the current requirements of the Sri Lankan Textile and Apparel industry.

At present a small percentage of our students are school leavers, while the majority is employed. Those, who possess GCE(A/L) 3 passes in physical science stream can directly apply to enter the Bachelor of Technology Honours in Engineering degree programme, whereas the Bachelor of Industrial Studies Honours degree programme is open for those having 3 passes in one sitting at GCE (A/L) in any stream.

Further, students who have successfully completed Diploma programs (in the related fields), conducted by recognised institutions can also enter our degree programs at higher levels.

The Department is endowed with differently qualified staff with experience in different areas of the textile and apparel pipeline. The postgraduate programme leading to a Master's degree in Apparel Production and Management is aimed at persons with undergraduate qualifications employed at executive levels in the textile and apparel sector, who intend to enhance their managerial knowledge and skills. The Department is also prepared to undertake tailor-made courses for individual needs of any organisation and is also involved in research activities in textiles, apparel and distance education.

Mathematics and Philosophy of Engineering

The Department of Mathematics and Philosophy of Engineering provides you knowledge and skills in mathematics to enhance your capacity of functioning as engineers and technologists effectively. The Department also provides knowledge and skills in philosophy of science, history of technology and social, cultural and environmental impacts of Technology. The above mentioned knowledge and skills enable you as engineer and technologist to contribute effectively in industry and complex societies where technology constantly influences and get influenced by social, environmental, cultural and economic factors.

The Department offers courses under two streams of studies, namely mathematics and philosophy of engineering. Mathematics courses offered by the Department are designed to provide the mathematics knowledge required by all students following programmes offered by the Faculty of Engineering Technology at all levels, as well as to provide lifelong mathematical skills required as a citizen of the world.

Under the Philosophy of Engineering stream, the Department offers courses at Diploma, Undergraduate and Postgraduate levels to raise awareness of students on a range of themes such as the connectedness of technology, society and the environment, linkages of technology with development, nature of science, history of technology within local and global contexts, opportunities and constraints of technology, major social and environmental debates in relation to technology and major debates related to construction of theories.
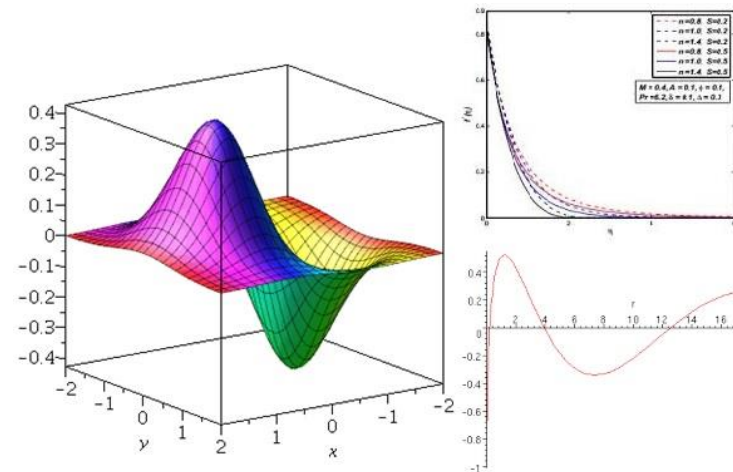
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Part III – Study Programmes

The study programmes in the Faculty of Engineering Technology are structured in a manner to enter and exit at any point enabling each person to find a programme to match his/her needs. The Study Programmes are made up of different course combinations for the award of a qualification through Advanced Certificate, Diploma, Higher Diploma and Honours Degree programmes. The general information on the study programmes offered by the Faculty are listed below. For more details please refer the Student Guidebook.

1. Advanced Certificate Programme

Currently the Faculty offers an Advanced Certificate Programme in Apparel Technology, conducted by the Department of Textile and Apparel Technology. This is designed to provide an opportunity to those who are engaged in the relevant industry to gain an in-depth knowledge in the subject of specialisation within a short period of time. The requirement for admission to this programme is obtaining six passes at the General Certificate in Education (Ordinary Level) examination including Mathematics and the first language. You may contact this Department for more information.

2. Diploma Programmes

The Diploma in Information Systems and Technology, offered by the Department of Electrical and Computer Engineering, is designed in a way that a student can successfully complete the diploma and find a placement immediately in the IT industry. The requirement for admission to this programme is three passes in GCE (A/L) in any stream.

3. Degree Programmes

These programmes are suitable for school leavers with three passes in GCE (A/L) in the relevant stream or the middle level technical officers, usually holding a Diploma or an equivalent qualification, who wish to upgrade themselves to Degree level. These are also suitable for graduates who wish to specialise in another discipline. Currently the Faculty offers degrees in the Technology (Engineering), Software Engineering and Industrial Studies fields. A **Higher Diploma** award is on offer for those who are registering for Honours degree programmes and fulfilling the requirements specified for a specialisation and looking for an employment with an intermediate qualification.

3.1 Bachelor of Technology Honours in Engineering Degree programme

Bachelor of Technology Honours degrees are designed in accordance with the requirements of the Sri Lanka Qualification Framework (SLQF) and are recognised academically as well as professionally. For example, the Bachelor of Technology Honours in Engineering degree of the OUSL is recognised by the Institution of Engineers Sri Lanka (IESL) as a fulfilling academic qualification for its Associate Membership. Further the Bachelor of Technology Honours in Engineering Degree is equivalent to engineering degrees offered by the other national universities.

Anyone who possesses three passes in G.C.E. (A/L) in Physical Science stream in one sitting can join the Bachelor of Technology Honours in Engineering Degree programme specialising in;

- Civil Engineering
- Computer Engineering

- Electrical Engineering
- Electronics and Communication Engineering
- Mechanical Engineering
- Mechatronics Engineering
- Textile and Clothing Engineering

Students enrolling in degree programmes can request a Higher Diploma after completing the relevant requirement.

3.2 Bachelor of Software Engineering Honours Degree Programme

Bachelor of Software Engineering Honours Degree is the first ever industry oriented software engineering degree programme in Sri Lanka. It is designed to produce qualified graduates for the software industry and for the other sectors where the software design, development and maintenance are carried out. The four year degree programme is carefully designed along the curriculum guidelines published by the IEEE Computer Society and ACM and in consultation with professionals in the industry and academia. Furthermore, as a part of the programme, the students are required to undergo 06 months industrial training and Sri Lanka Association of Software and Services Companies (SLASSCOM) has signed a MOU to facilitate finding the placements opportunities.

Anyone who possesses three passes in G.C.E. (A/L) in any stream or completion of three foundation subjects of OUSL can apply for Bachelor of Software Engineering programme.

3.3 Bachelor of Industrial Studies Honours Degree Programme

Bachelor of Industrial Studies Honours degrees are designed in accordance with the requirements of the Sri Lanka Qualification Framework (SLQF) and are recognised both academically as well as professionally. The degree programme has four specialisations;

Apparel Production and Management, Fashion Design and Product Development, Textile Manufacture and Agriculture.

Anyone who processes three passes in GCE (A/L) in any stream in one sitting can join the Bachelor of Industrial Studies Honours degree programmes in;
- Apparel Production and Management
- Fashion Design and Product Development
- Textile Manufacture

Anyone who processes three passes in GCE (A/L) Bio science stream in one sitting can join the Bachelor of Industrial Studies Honours degree in Agriculture.

4. Postgraduate Programmes

These programmes are designed for qualified graduates desirous of postgraduate education and skills in a particular speciality. The Faculty is at present in the process of revising its postgraduate study programmes according to Sri Lanka Qualification Framework and meeting the current trends. The postgraduate programmes that are to be offered shortly are:

Master of Energy Management – One year

Master of Science in Industrial Engineering – Two years

Master of Science in Construction Management – Two years

Master in Data Science – One year

Master in Telecommunication and Networking – One year

Master of Science in Data Science – Two years

Master of Science in Telecommunication and Networking

– Two years

5. Postgraduate Research Degrees

Postgraduate research degrees are suitable for well-qualified graduates interested in research. The Faculty offers two types of research degrees:
- Master of Philosophy (MPhil.)

- Doctor of Philosophy (PhD)

Students can register for research degrees throughout the year. Those who wish to pursue a higher research degree should contact the Head of the relevant department.

6. Stand Alone Courses

Stand Alone Courses are ideal for those who are interested in a specific quantum of knowledge or skills. The Faculty of Engineering Technology offers a series of stand-alone courses covering many areas of study. Students can register for these courses without registering for a particular programme. Students require possessing the pre-requisites in respect of each of the courses or equivalent qualifications or knowledge, to register for the individual Stand Alone courses. The tuition fee for each course is three times that of the corresponding course in the regular programme. Students registering for regular programmes cannot register for courses as Stand Alone courses at the same time.

For more information on these programmes please refer Student Guidebook.

7. Special Awards

Students who perform extremely well in Honours Degree programmes are rewarded with Gold Medals. The Gold Medals awarded by the Faculty are:
- Kulshreshtha Gold Medal for the best student in Bachelor of Technology Honours in Engineering programme.
- Thurairajah Gold Medal for the best final year project in Bachelor of Technology Honours in engineering programme
- ERU Gold Medal for the best research paper submitted for publication based on final year research project
- Mrs. S.M. Abeygunesekera de Silva gold medal for the best student in Mechatronics Engineering specialisation of Bachelor of Technology Honours in Engineering Programme.
- Liyanaguruge Assie Annette de Silva gold medal for the Best Student in Bachelor of Industrial Studies Honours (Agriculture) programme.

- Virtusa Academic Excellence Award for the student with highest GPA in Bachelor of Software Engineering Honours programme.
- Gold Medal for the Best Civil Engineering Final Year Project in Bachelor of Technology Honours in Engineering Programme
- Gold Medal for the Best Civil Engineering student in Bachelor of Technology Honours in Engineering Programme

8. Exemptions

Students who have gained academic qualifications in addition to entry requirements (ex: NDT, BSc) may be granted exemptions according to their qualifications. The qualifications for which approved exemptions are already granted are listed under each study programme of the Student Guidebook. **If you possess any qualification other than these, you can seek exemptions by sending duly filled application form which is downloadable from the faculty webpage and send it on or before the specified date given in Student Guidebook.**

9. Training

Practical skills are an essential part of Engineering and Industrial Studies are given due place in our study programmes. Students who are following a Honours Degree programme should complete relevant training requirement(s) as given in the Student Guidebook. For the Industrial training the students are placed in different reputed public and private organisations. Those who are working in industries relating to the particular field may seek exemptions for Industrial Training. Further details are available with the Training Engineer who is responsible for training placements and facilitating training assessments, by contacting through Tel. 0112881223.

10. Scholarships

The University has a limited number of bursaries, including University Bursaries and University Enhancement Bursaries and Mahapola

Scholarships to help students who are in need of financial help to continue their studies. Students will be given guidelines for these scholarships with the application form at the time of re-registration.

For more information on these programmes please refer Student Guidebook.

11. Facilities and Support Services

11.1 Facilities for Study

Constantly upgraded class rooms with well-equipped modern teaching aids enhance learning experience at the OUSL. Qualified academics from the OUSL, visiting academics from other universities as well as experts related to industries provide guidance at teaching and practical sessions. Group activities are also an important aspect of OUSL learning. Study areas as well as built environment at OUSL encourage and facilitate peer group study. The discussion room in the main library especially dedicated for this purpose.

11.2 Student Academic Counselling

Academic counselling aims to assist students in the clarification of their life/career goals and in the development of educational plans for achieving of these goals. For this purpose the Faculty has a well organised procedure. The student can discuss his/her problems, especially related to course selections, with any academic staff member of the Faculty. With regard to activities related to the courses the student may contact course academic coordinator. In addition, the Faculty has a "Student Forum", to discuss more general issues affecting a group of students or the entire student population of the Faculty. The Faculty Student Forum consists of a representative from each department (Student Counsellors) and two elected members from among the students. The students can forward their issues to the Student Forum through their representatives. The Student Counsellors attend to the issues and solve at the departmental level. Unresolved issues are forwarded to the Faculty Board for discussion, where the two the student representatives are also members.

General counselling by the Faculty staff on academic matters is available to all prospective applicants and students. You could contact the Faculty office (Tel.: 011 2881283 / 011 2881228 / 011 2881351) for this purpose. Further, Student Counsellors of the Faculty may be contacted for all non-academic matters. More details can be obtained by calling the faculty office.

11.3 Library Facilities

The OUSL has network of libraries spread across the regional and study centres island wide. The main library of the University is located in Nawala. The library contains an extensive selection of books. It provides lending, referencing and photocopying services. In addition online facilities, e-journals, e-database, AVRC (Audio Visual Resource Centre) and VRC (Virtual Resource Centre) are also available to OUSL students. In addition to the main library other five regional libraries are located at Anuradhapura, Kandy, Matara, Batticaloa and Jaffna Regional Centres. The main library is open throughout the year except on the seven "University Holidays" and a few days during the Sinhala and Tamil New Year and Christmas periods.

The main library has an Audio-Visual Resource Centre (AVRC) with a substantial collection of video and audio material in many subject areas for

the use of students. Access to internet, WIFI coverage and photocopying facilities are also available.

The regional and study centres have a small collection of books, and audio-visual material, mainly for reference.

11.4 Online Facilities

Registered students have the privilege of accessing online MOODLE courses, personal information, timetables, examination and assessment marks, payment details and many more via the MyOUSL web portal. You may access MyOUSL through the OUSL Home page *(www.ou.ac.lk)* or directly at *myousl.ou.ac.lk*. Initially, when you log in to the MyOUSL web portal, you may use Student ID number (As indicated on the personal information page on your student record book) as the User name, and the National Identity Card (NIC) number as the password.

The OUSL is using MOODLE as its main Learning Management System (LMS) platform. Most courses have virtual classrooms in MOODLE hosted in OUSL. You can access this through the OUSL web page or directly at elearn.ou.ac.lk. When you log in to the MOODLE, you should use National Identity Card (NIC) number as the User name, and *s-user* as the password for the first-time use.

11.5 Computer Laboratories

Computer facilities are available at a number of Regional and Study centres. These are at Ambalangoda, Anuradhapura, Bandarawela, Batticaloa, Colombo, Galle, Kandy, Kegalle, Kurunegala, Matara, Polonnaruwa, Badulla and Ratnapura. Limited Internet facilities are available at Colombo, Kandy, Matara, Anuradhapura and Batticaloa Regional Centres and certain study centres. There 16 computer laboratories attached to the Regional Centres and Study Centres of the OUSL situated in many districts of the country. These labs, previously known as National Online Distance Education Service (NODES) access centres, are now facilitated by the Regional Education

Service (RES) division of the OUSL. Students are encouraged to use these labs for accessing online material and other activities related to open and distance learning.

11.6 Wi-Fi

Students of the Faculty of Engineering Technology can access the Wi-Fi network for internet access at Colombo Regional Centre. You need to apply through your department to use this facility.

11.7 Temporary Residential Facilities

The University provides temporary residential facilities at Colombo, Kandy and Matara Regional Centres for a limited number of students attending approved academic activities.

11.8 Student Cafeterias

Centrally located student cafeterias provide food at subsidised rates. Cafeterias are available at Colombo, Kandy and Matara Regional Centres. In addition a Highland outlet operates adjacent to the examination halls in the Colombo Regional Centre, where dairy products can be purchased at discounted rates. These provide services throughout the week.

11.9 Bookshop

Stationary can be purchased at the World University Service (WUS) bookshop at the Colombo Regional Centre. Photocopy service, computer print outs as well as book binding service also available in the WUS bookshop. University publications can be purchased at the sales centre located at the Colombo Regional Centre.

11.10 Medical Centre

The main campus has a medical centre where a general practitioner and qualified nurses are available for emergency treatment. The centre is open during all weekdays.

11.11 Student Affairs Division

The Student Affairs Division maintains the personal and academic records of all OUSL students. Any change of address, medium of study, preferred centre, civil status, e-mail address, withdrawal from courses, etc., should be immediately informed in writing to:

Senior Assistant Registrar,
Student Affairs Division,
The Open University of Sri Lanka,
P. O. Box 21, Nugegoda – 10250

When writing the letter, the student's name, registration number and the programme of study must be indicated. The telephone number of the Student Affairs Division is 011-2823920.

11.12 Board of Welfare and Student Welfare Division

The student welfare division is responsible for coordination and facilitation of activities coming under different units such as student counselling, career guidance, health care, maintenance division and security etc. allowing for better networking and efficiency. Some of the specific functions coming under the student welfare division are as follows:

- Selection and approval of students for University, Mahapola and other bursaries
- Review, monitor and evaluate progress of activities carried out by support service units
- Initiate activities to enhance students' welfare and cultural renaissance
- Initiate activities to enhance students' social, ethnic cohesion and harmony.
- Create awareness about university student charter and promote students to comply with norms
- Entertain complaints and grievances from students
- Facilitate the management of temporary residential facility
- Coordinate student counselling services
- Facilitate management of common amenities

The Student welfare division of the Open University is dedicated to foster an environment where all students feel welcomed and respected.

11.13 Career Guidance Unit

The Career Guidance Unit, in collaboration with the Faculty, organise workshops and seminars in guiding students for gainful employment opportunities based on their abilities, desires and expectations. This is to be achieved by educating undergraduates with necessary knowledge, skills, attitudes and motivation required by prospective employers both in the State and Private sector.

Part IV – Contact Details

	Telephone No.
Dean/Faculty of Engineering Technology	011-2881228, 011-2881351

Heads of Departments

Dept. of Agricultural and Plantation Engineering	011-2881089
Dept. of Civil Engineering	011-2881248
Dept. of Electrical and Computer Engineering	011-2881481
Dept. of Mathematics and Philosophy of Engineering	011-2881484
Dept. of Mechanical Engineering	011-2881440
Dept. of Textile and Apparel Technology	011-2881061
University Hunting Line	011-2881000

	F**ax No.**
Dean / Faculty of Engineering Technology	011-2822737

Regional Educational Services

The Regional Educational Services (RES) of the OUSL provides support services required by the Faculties to conduct their academic programmes.
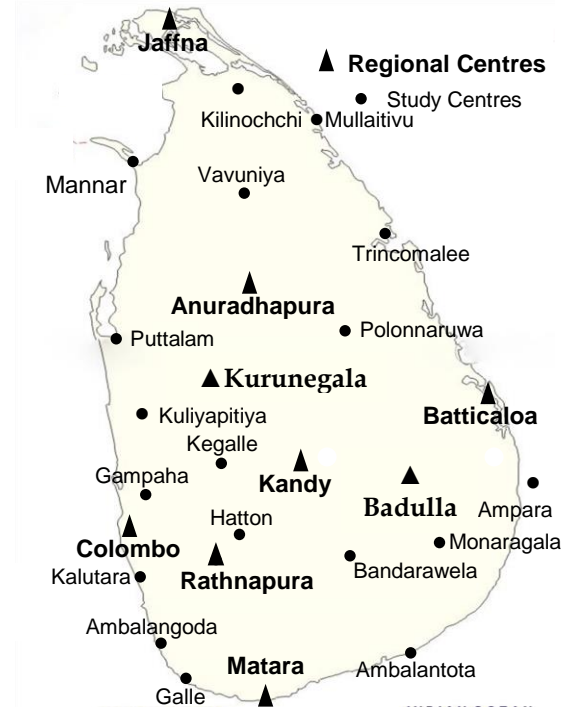
The OUSL regional network consists of Regional and Study Centres spread throughout the country. The nine Regional Centres are in Anuradhapura, Badulla, Batticaloa, Colombo, Jaffna, Kandy, Kurunegala, Matara and Ratnapura while the Study Centres are located at Ambalangoda, Ambalanthota, Ampara, Bandarawela, Monaragala, Galle, Gampaha, Hatton, Kalutara, Kegalle, Kilinochchi, Kuliyapitiya, Mullathivu, Polonnaruwa, Puttalam, Trincomalee, Vavuniya.

The Director of Regional Educational Services, who is in charge of all activities of the Regional Education Services, is attached to the Central Campus at Nawala. Senior Assistant Directors/Assistant Directors separately administer the nine Regional Centres. The Study Centres are administered by Assistant Directors/Regional Officers/ Co-ordinators.

Given in the following tables are the contact details of the Regional Centres and Study Centres:

Regional Centre	Address & Contact Person	Telephone
Anuradhapura	Assistant Director Jayanthi Mawatha, Anuradhapura	025-2222871
Badulla	Assistant Director No.18/1 Bandaranayake Mw., Badulla	0552228842 0553012151
Batticaloa	Senior Assistant Director, 23, New Road, Batticaloa	065-2222264
Colombo	Actg. Assistant Director Nawala,Nugegoda	011-2853930 011-2881281 011-2881464 011-2881380
Jaffna	Assistant Director Browns Road, No.303, Kokkuvil, Jaffna	021-2223374
Kandy	Assistant Director Polgolla,Kandy	081-2494083 081-2494495 081-2494496 081-2494497
Kurunegala	Assistant Director Negombo Road, Malkaduwawa, Kurunegala	037-2223473
Matara	Assistant Director Nupe, Matara	041-2222943 041-2229782
Ratnapura	Assistant Director Hidellana, Ratnapura	045-2228660

| Study Centre	Contact Person & Address	Telephone
Ambalangoda	Regional Officer 80/1, Polwatta Road, Halwathura, Ambalangoda	091-2258585
Ambalanthota	Assistant Director Rajasaranagama Road, Lunama South, Ambalanthota	047-2225533
Ampara	Assistant Director Inginiyagala Road, Samapura, Ampara	063-2222052
Bandarawela	Assistant Director St. Thomas Road, Wewatenna, Bandarawela	057-2222820 057-2223747
Galle	Regional Officer Labuduwa, Galle	091-2223784 091-2227411
Gampaha	Regional Officer Gampaha Road, Miriswatte, Mudungoda	033-2234571 033-2234572
Hatton	Co-ordinator Thondaman Vocational Training Centre, Hatton	051-2225139 051-2223492
Kalutara	Assistant Director 66/2, Nagoda Road, (Nissanaka Mw Junction), Kalutara South	034-3949160 034-2223399
Kegalle	Assistant Director Kumaratunga Munidasa Mawatha, Kegalle	035-2222501
Kilinochchi	Assistant Director 155th Mile Post, Kandy Rd, Kilinochchi.	077-7705963 021-2283970
Kuliyapitiya	Co-ordinator Technical College, Kuliyapitiya.	037-2281181 037-2281271
Mannar	Actg. Assistant Director No. 363, Talaimannar Rd, Mannar.	023-2251999 077-5625352
Monaragala	Assistant Director Technical College Junction, Sirigala, Potuvil Road, Monaragala	055-2277395
Mullaitivu	Assistant Director Oddusuddan Road, Puthukkudiyiruppu, Mullaitivu	071-3522367
Polonnaruwa	Assistant Director 24th Post, Bendiwewa, Jayanthipura, Pollonnaruwa	027-2225776
Puttalam	Assistant Director 1/137, Colombo Road, Puttalama	032-2266822
Trincomalee	Assistant Director No. 26/A, Post Office Rd., Trincomalee	026-2222088
Vavuniya	Assistant Director No: 366, Kandy Road, Tekkawaththai, Vavuniya	024-2222995

THE OPEN UNIVERSITY OF SRI LANKA
COLOMBO REGIONAL CENTRE MAP

01 - COLOMBO REGIONAL CENTRE OFFICE
02 - DISPATCH / REGISTRATION BLOCK
02a - STORES / 02b - CRC CLASS ROOM
03 - BLOCK 01 TO 20
04 - PRESS
05 - FACULTY OF EDUCATION
06 - PRE - SCHOOL
07 - HEALTH CENTRE / 07a - DAY CARE CENTRE
08 - AUTOMOBILE LAB
09 - SHRINE ROOM
10 - SCIENCE AND TECHNOLOGY BUILDING

11 - EXAM HALL NO. 03 / CONFERENCE HALL
11a - EXAM HALL NO. 02
11b - EXAM HALL NO. 01
11c - EXAM HALL NO. 01a
11d - EXAM HALL NO. 01b
12 - CETMe
13 - LIBRARY
14 - FACULTY OF HUMANITIES AND
     SOCIAL SCIENCES

15 - SENATE HOUSE
15a - IT BUILDING
16 - ADMINISTRATION BUILDING
17 - TEMPORARY RESIDENTIAL FACILITY - OLD
18 - STAFF DEVELOPMENT CENTRE
19 - LANDS AND BUILDING DEPARTMENT
20 - GUEST HOUSE
21 - CANTEEN - CENTRAL CAMPUS
22 - POST GRADUATE INSTITUTE
     OF ENGLISH
23 - EXAM HALL NO. 05
24 - TEMPORARY RESIDENTIAL FACILITY - NEW
25 - EXAM HALL NO. 04
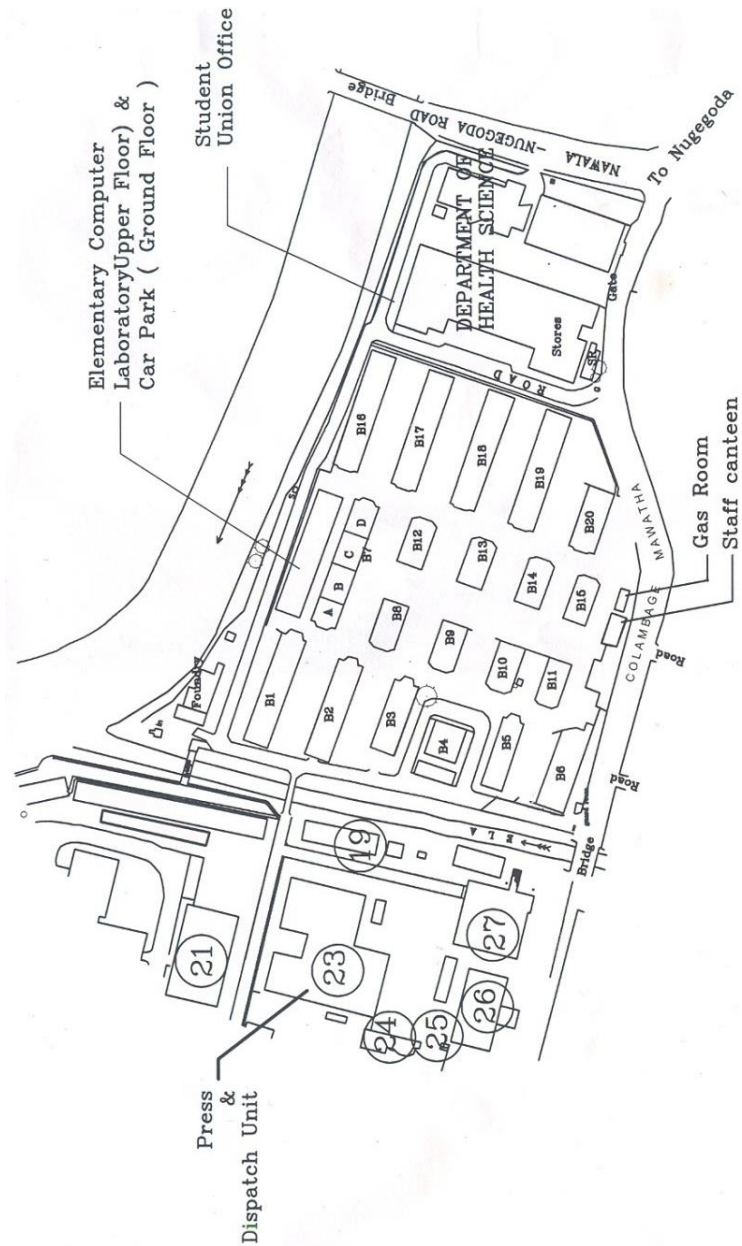
B 1, 2	Department of Civil Engineering Laboratories	B 8, 9,10	Lecture Halls
B3	Department of Agricultural & Plant. Eng. Laboratories	B11	Textile & Apparel Technology Dept.Laboratories and Lecture Halls
B4	Student Registration Block	B12	Department of Electrical & Computer Engineering Computer Laboratories, BSE and DIST programme office
B 5, 6	Textile & Apparel Technology Laboratories	B 12, 13, 14, 15	Lecture Halls
B(7A)	Departments of Natural Science	B 16	Mechanical Engineering Workshop
B(7B)	Auditorium	B 17	Industrial Automation lab and Mechanical Engineering Labs
B(7C)	Drawing Room	B 18, 19	Department of Electrical & Computer Engineering Laboratories, Electronic workshop
B(7D)	Mechanical Engineering CNC Lab	B 20	Physics Laboratory

Prepared by the Faculty Registration Committee – 2019/2020

Dr. (Mrs.) H. K. L. K. Gunasekara (Chairperson)   -   Department of Agricultural & Plantation Engineering

Dr. (Mrs.) H. U. W. Ratnayake (Past Chairperson)   -   Department of Electrical & Computer Engineering

Mr. P. K. J. de Mel   -   Department of Agricultural & Plantation Engineering

Dr. T.L. Pradeep   -   Department of Civil Engineering

Mrs. R. H. G. Sasikala   -   Department of Electrical & Computer Engineering

Dr. (Mrs) K. D. N. Kumari   -   Department of Mathematics & Philosophy of Engineering

Dr. (Mrs) I. U. Attanayake   -   Department of Mechanical Engineering

Mrs. T. P. G. N. T. Alwis   -   Department of Textile & Apparel Technology

Mr. S. M. Janaka Ranjana   -   Assistant Registrar /Faculty of Engineering Technology

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