



The Open University of Sri Lanka Faculty of Engineering Technology

FACULTY PROSPECTUS 2022 / 2023

Dean/Faculty of Engineering Technology: Telephone numbers: 011 2881228/011 2881351

Fax number: 011 2822737

University Hunting Line: 011 2881327/011 2881000

Faculty Webpage: https://ou.ac.lk/fengtec/

E-mail: deaneng@ou.ac.lk

Address: Faculty of Engineering Technology

The Open University of Sri Lanka

P. O. Box 21, Nawala, Nugegoda 10250,

Sri Lanka.

"The mission of the Faculty of Engineering Technology is to provide lifelong learning opportunities in Engineering and Technology for all to meet industrial and social needs through open and distance learning, and support research & scholarship by efficient & sustainable use of resources."



Dr. H. G. P. A. Ratnaweera Dean/Faculty of Engineering Technology

On behalf of the Faculty of Engineering Technology, I warmly welcome you.

The Mission of the Open University of Sri Lanka is to provide lifelong learning opportunities through Open, Distance and Flexible Education with a commitment to excellence in teaching and research. The full-time graduate and postgraduate degree programmes offered by the Faculty of Engineering Technology are conducted in English. They allow you the flexibility to learn at a pace comfortable to you. Learners are expected to complete their studies within three times the minimum duration stipulated in this guidebook.

The Bachelor of Technology Honours in Engineering [BTechHons(Eng)] degree programme is offered in the specialisations of *Agricultural and Plantation Engineering, Civil, Mechanical, Mechatronics, Electrical, Computer, Electronics and Telecommunication, and Textile and Clothing Engineering.* Bachelor of Industrial Studies Honours (BISHons) study programme is offered in *Agriculture, Apparel*

Production and Management, Fashion Design and Product Development, and Textile Manufacture, and Software Engineering. The Bachelor of Software Engineering Honours (BSEHons) Programme is conducted by the Centre for Information Technology Education Services (CITES).

Learners enrolled in the BTechHons(Eng) programme can exit with a Higher Diploma in Technology in the relevant specialisation, having fulfilled the requirements for the award. The faculty also offers an Advanced Certificate programme in *Apparel Technology*. Learners are allowed to take a maximum of 18 course credits as *Stand Alone*, disregarding their pre-requisites, without enrolling in a programme of study.

Learners entering the BTechHons(Eng) Programme require at least three (3) passes in the Mathematics Stream of the GCE Advanced Level Examination, in one and the same sitting. Learners enrolling in the BISHons programme (other than Agriculture) requires three (3) passes at the GCE Advanced Level Examination, obtained in one and the same sitting. Learners could enter either programmes of study by successfully completing the *Advanced Certificate in Science Programme*, or by producing an equivalent or a higher qualification acceptable to the University's Senate. The faculty recognises your prior learning and grants exemptions from courses up to a fifty per cent (50%) of course credits required for an award. These include courses in several nationally recognised certificate and diploma level programmes. This guidebook lists such qualifications that are evaluated to grant exemptions. Learners can request the faculty to evaluate any other qualifications by forwarding an application within the period stipulated in this guidebook.

The programmes offered by the faculty are recognised by the University Grants Commission and are designed to meet the requirements stipulated in the *Sri Lanka Qualification Framework* (SLQF). At present, our BTechHons(Eng) programme is being re-evaluated by the Institution of Engineers Sri Lanka (IESL), for its recognition. The Institution of Engineers Sri Lanka provides a

carrier path to become a *Chartered Engineer*, and to apply for its Associate Membership, a graduate requires a minimum 2Cs and an S pass at the GCE Advanced Level Examination, in the Mathematics Stream, obtained in one and the same sitting.

The faculty offers a one-year master's degree programme in *Energy Management* and a two-year Master of Science programme in *Structural Engineering*. The Open University also enrols learners to Master of Philosophy (MPhil) and Doctor of Philosophy (PhD) degrees.

The faculty offers its programmes of study in the *Open Distance Learning* (ODL) mode and the academic coordination is done by competent permanent academics and visiting academics from the industry. Learners are encouraged to visit the main campus, regional and study centres to use library facilities, meet members of academic staff and peers, and to attend compulsory face-to-face sessions such as laboratory classes, presentations, and field work. We also advise learners to be employed in the relevant industry during the learning period.

The faculty uses the *Learning Management System* (LMS) MOODLE to facilitate online access to all courses. Practicing *Self Learning*, learning in study groups (i.e., *Collaborative Learning*) and timely completion of learning activities are important to ensure your success. The main mode of course delivery is through *Self Instructional Course Material*. The teachers provide you with feedback and necessary guidance to move forward. Learners are required to attend the *Day Schools* that are a few face-to-face interactive sessions held during the academic year, conducted via an online platform.

At the commencement of studies, learners are required to complete the following two courses in the Student Academic Readiness Training, i.e., StART@OUSL:

- English for General Academic Purposes (EGAP)
- Empowering for Independent Learning (EfIL)

Both these courses are planned to be offered online via LMS MOODLE with online interactive discussion sessions.

We hope that you will find learning at the Faculty of Engineering Technology enjoyable and challenging in realising your ambitions in higher education. We take this opportunity to wish you the very best in your future endeavours.

Dr. H.G.P.A. Ratnaweera
Dean/Faculty of Engineering Technology
deaneng@ou.ac.lk

Table of Contents

			5	Stand Alone Courses	28
Part I – General Information		1	6	Special Awards	28
1	The University	1	7	Exemptions	28
2	The Study System	2	8	Training	28
3	Student Commitment	3	09	Scholarships	28
Part II -	Introduction to the Faculty	4	10	Facilities and Support Services	29
1	Faculty of Engineering Technology	4	10.1	Facilities for Study	29
2	Academic Departments	5	10.2	Student Academic Counselling	29
3	Academic Staff	11	10.3	Library Facilities	29
Part III – Study Programmes		26	10.4	Online Facilities	30
1	Advanced Certificate Programme	26	10.5	Computer Laboratories	30
2	Degree Programmes	26	10.6	Wi-Fi	30
2.1	Bachelor of Technology Honours in Engineering Degree Programme		10.7	Temporary Residential Facilities	30
		26	10.8	Student Cafeterias	31
2.2	Bachelor of Software Engineering Honours Degree Programme		10.9	Medical Centre	31
		26	10.10	Student Affairs Division	31
2.3	Bachelor of Industrial Studies Honours Degree		10.11	Board of Welfare and Student Welfare Division	31
	Programme	27	10.12	Career Guidance Unit	31
3	Postgraduate Programmes	27	Part IV	- Contact Details	32
4	Postgraduate Research Degrees	27			

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 Master's 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 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 and 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 of 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.

Part II - Introduction to the Faculty

1. Faculty of Engineering Technology

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



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 and Bachelor of Technology Honours degree in Agricultural Engineering.

Bachelor of Industrial Studies Honours in Agriculture 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 to 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.

From this academic year the Department offers Bachelor of Technology Honours in Agricultural Engineering degree.



Sri Lanka being an agricultural country new technological inputs are needed to upgrade the productivity of the sector. Understanding this important fact, the Department is introducing Bachelor of Technology Honours in Agricultural Engineering degree to integrate engineering principles in Agricultural

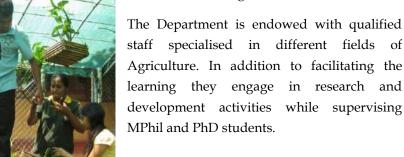
Technology. The degree will enable the graduate to improve the agricultural productivity through the proper use of farm power from seeding to harvesting, minimisation of postharvest losses and improving irrigation and water management.

For this degree courses are offered from Civil, Mechanical and Electrical fields in addition to the Agricultural Engineering Courses. Successful graduate will have employment opportunities in Agriculture/Agricultural Engineering sectors.

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.

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.



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 specialization.



While the Civil Engineering specialization 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, as well as Bachelor of Software Engineering Honours. 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 the Bachelor of Software Engineering Honours (BSEHons) degree. This degree programme was designed according to the IEEE/ACM Guidelines together with software industry partnership (SLASSCOM).

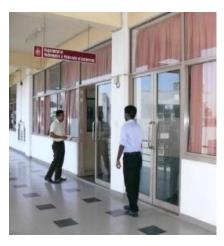
There are also four Master's programmes that have been designed and which are planned to be offered in 2023. Master in Data Science and Master in Telecommunication and Networking are one-year master's programmes whereas MSc in Data Science and MSc in Telecommunication and Networking are two-year master's degree programmes including a research component.

Mathematics and Philosophy of Engineering



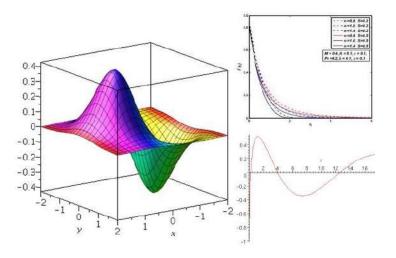
The Department of Mathematics and Philosophy of Engineering provides you knowledge and skills in Mathematics to enhance your capacity of functioning as engineers and technologists effectively. The department also provides knowledge and skills in philosophy of science, history of technology and social,

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 of studies, namely streams Philosophy Mathematics and Mathematics Engineering. courses offered by the department are designed to provide the mathematical knowledge required by all the 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.



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 a 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.



modern industry as well as meeting commercial needs.

Mechatronics Engineering specialisation is offered by the Department with the objective of producing well-trained Mechatronics engineers/technical personnel and introduced for the first time engineering the curricula in Sri Lanka. It deals with an integrated design approach involving electronic, mechanical. and control engineering in solutions finding



The postgraduate Study Programmes conducted by the department are being revised according to SLQF and to meet the current needs.

The following masters programmes are currently conducted at the Department of Mechanical Engineering to obtain higher qualifications at the industrial level.

- Masters in Energy Management
- Master of Science in Industrial Engineering
- Master of Science in Energy for Circular Economy

In addition to those master's programmes, 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, Master's 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 and the same 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 programmes at higher levels.

The Department is endowed with 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.

3. Academic Staff of the Faculty



Dr. H. G. P. A. Ratnaweera Dean of the Faculty

Tel: 011 2881228, 011 2881351

Ext : 228, 351

email: deaneng@ou.ac.lk

Heads of the Academic Departments



Dr. (Mrs.) A. G. B. Aruggoda Head, Department of Agricultural and Plantation Engineering





Eng. Prof. T. M. Pallewatta Senior Professor in Civil Engineering Head, Department of Civil Engineering

Tel : 011 2881248 (248) (306)

email: tmpal@ou.ac.lk



Eng. (Mrs.) H. Pasqual Senior Lecturer (Grade I) Head, Department of Electrical & Computer Engineering

Tel : 011 2881481 (481) email : hpasq@ou.ac.lk



Mr. G. Nandasena Head, Department of Mathematics & Philosophy of Engineering

Tel: 011 2881484 (484) email: gnand@ou.ac.lk



Dr. (Mrs.) I. U. Atthanayake Head, Department of Mechanical Engineering

Tel : 011 2881379 (379) email : iuatt@ou.ac.lk



Dr. (Mrs.) D. S. Wijerathne Head, Department of Textile and Apparel Technology

Tel : 011 2881261 (261) email: dswij@ou.ac.lk



Mr. K.Wijikumar MPPM (Unimelb, Australia), MDP (Peradeniya), PgDPA (Colombo), BSc (Rajarata)



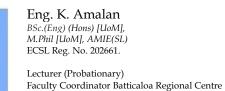
Eng. I. M. N. P. Illangakoon BTech (Eng) (Hons) OUSL, PG Dip. (Ind.Eng.) OUSL, AMIE (SL)

Faculty Office



Eng. K.A.N.S. Kasthurirathna BSc.(Eng) (Hon's), M.Eng, MIMMM (UK), AMIE (SL), AEng (ECSL) Training Engineer

Assistant Registrar Tel: 011 2881283 (283) email: areng@ou.ac.lk



Tel : 065 2222264 email : <u>kamal@ou.ac.lk</u> Training Engineer Tel: 011 2881223 (223) email: treng@ou.ac.lk Training Engineer Tel: 011 2881223 (223) email: kakas@ou.ac.lk



12

Department of Agricultural and Plantation Engineering



Dr. (Mrs.) A. G. B. Aruggoda Senior Lecturer (Grade I) Head of the Department BSc (Agri) (Hons) (Peradeniya), PhD (SCAU)

Tel: 011 2881062 (562) email: agbar@ou.ac.lk



Snr. Prof. (Mrs.) C. S. De Silva BSc (Agri) (Hons) (Peradeniya), MPhil (Peradeniya), PhD (Cranfield) Senior Professor and Chair of Agricultural and Plantation Engineering

Tel : 011 2881323 (323) email : csdes@ou.ac.lk



Dr. (Mrs.) H. K. L. K. Gunasekera BSc(Agri)(Hons)(Peradeniya),PhD (Peradeniya) Senior Lecturer (Grade I)

Tel : 011 2881089 (589) email : hkgun@ou.ac.lk



Dr. (Mrs.) N. S. Weerakkody BSc (Agri)(Hons) (Peradeniya), MSc (Peradeniya), PhD (Queensland, MASM), F.I.Biol (Sri Lanka) Senior Lecturer (Grade I)

Tel : 011 2881062 (562) email : nweer@ou.ac.lk



Dr.(Mrs.) H. M. U. N. Herath BSc(Agri) (Hons) (Peradeniya), MA in Linguistics (Kelaniya), MPhil (Peradeniya), PhD (Nottingham) Senior Lecturer (Grade I)

Tel: 011 2881315 (315) email: hnher@ou.ac.lk



Dr. S. Thrikawala BSc (Agri) (Hons) (Peradeniya), MPhil (Peradeniya), MSc(Guelph,)PhD (Peradeniya) Senior Lecturer (Grade I)

Tel : 011 2881315 (315/589) email : sthri@ou.ac.lk



Mr. P. K. J. De Mel BSc (Agri) (Sp.Hons)(Ruhuna), MSc (SJP) PGD (OUSL)., PGDDE (IGNOU) M.I. Biol (SL) Senior Lecturer (Grade I)

Tel : 011 2881396 (396) email : pkmel@ou.ac.lk

Department of Civil Engineering



Eng. Snr. Prof. T. M. Pallewatta BSc Eng (Hons) (Moratuwa), MEng (AIT), DEng (Tokyo), Int. PEng (SL), CEng FIE SL),FIAE (SL) Senior Professor in Civil Engineering Head of the Department

Tel: 0112881248 (248) (306) email : tmpal@ou.ac.lk



Eng. Snr. Prof. K. S. Weerasekera BSc Eng (Moratuwa), MEngSc.(UNSW), PhD(UNSW), FIE(SL), CEng., Int.PEng(SL), MIE(Aust), C PEng., MASCE, MIHT(UK) Chair and Senior Professor of Civil Engineering

Tel: 011 2881433 (433) email : kswee@ou.ac.lk



Eng. Prof. D. A. R. Dolage BSc Eng (Moratuwa), MSc (Reading), MBA (SJP), MA (Colombo), DBA(Uni SA), FIE (SL), CEng Professor in Civil Engineering

Tel: 011 2881289 (289) email : dadol@ou.ac.lk



Eng.Prof.(Mrs.)B. C. L. Athapattu

BSc (Eng) (Moratuwa), MEng (Osaka), PhD (Osaka),

MIE(SL), CEng

Professor in Environmental Engineering

Tel : 011 2881111 (611) email : <u>bcliy@ou.ac.lk</u>



Eng. Dr. P. N. Wikramanayake
BSc (Eng) (Hons) (Peradeniya), MSc (MIT),
PhD (MIT), MIE(SL), CEng
Senior Lecturer (Grade I)

Tel: 011 2881472 (472) email: pnwik@ou.ac.lk



Dr. H. G. P. A. Ratnaweera BSc (Eng) (Hons) (Moratuwa), MS (NJIT), PhD (NJIT) Senior Lecturer (Grade I)

Tel: 011 2881228 (228)

email: pratnaweera@yahoo.com



Eng. L. S. S. Wijewardena

BSc (Eng) (Hons) (Peradeniya), MEng(AIT), MIE(SL),
CEng, MIHT(UK)
Senior Lecturer (Grade I)

Tel : 011 2881000 (614) email : lswij@ou.ac.lk



Dr. (Mrs.) K. M. L. A. Udamulla BSc (Eng) (Hons) (Peradeniya), MPhil (Hong Kong), PhD (Melbourne) Senior Lecturer (Grade I)

Tel : 081-2494495 (Ext..163) email : laudu@ou.ac.lk

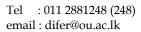


Eng. M. N. C. Samarawickrama BSc (Eng) (Hons) (Moratuwa), MSc (Peradeniya), MBA (Moratuwa), FIE(SL), CEng,Int.PEng(SL), MGS(SL), MSLAAS, MSLGS Senior Lecturer (Grade I)

Tel : 011 2881479 (479) email : mnsam@ou.ac.lk



Eng. D. I. Fernando BSc (Eng) (Hons) (Moratuwa), MSc (Moratuwa) Senior Lecturer (Grade I)





Eng. Dr. P. A. K. Karunananda BSc (Eng) (Hons) (Peradeniya), MPhil (Peradeniya), MEng (Ehime), DrEng (Ehime), CEng., MIE (SL) Senior Lecturer (Grade I)

Tel : 011 2881006 (506) email : pakar@ou.ac.lk



Eng. Dr. T. L. Pradeep BSc (Eng) (Hons)(Ruhuna), PG-Dip (Peradeniya), PhD (Basilicata), MIE(SL), MIABE(HK), MIEP(SL),MSSESL,MIQASL, AP-GBSL, CEng Senior Lecturer (Grade II)

Tel: 0112881473 (473) E-Mail: tlpra@ou.ac.lk



Eng. Dr. M. S. T. Priyadarshana BSc (Eng) (Hons)(Peradeniya), MSc (NUS), PhD (Peradeniya), M(ACI), M(CTBUH), APGBC(SL) Senior Lecturer (Grade II)

Tel : 011 2881248 (248) email : mspri@ou.ac.lk



Eng. Dr. G. N. Paranavithana Bsc(Eng)(Peradeniya),MSc(Eng)(Peradeniya), PhD(Eng)(Saitama),AMIE(SL) Senior Lecturer (Grade II)

Tel : 011 2881384 (384) email : gnpar@ou.ac.lk



Eng. Dr. I. S. K. Wijewardena BScEng(Hons)(Moratuwa), MEng(Moratuwa), PhD(Saitama), AMIE(SL) Senior Lecturer (Grade II)

Tel : 011-2881262 (262) email : iswij@ou.ac.lk



Eng. Dr. A.M.L.N. Gunathilaka BScEng. (Hons) (Moratuwa), MEng (Struct.)-Moratuwa, PhD (Moratuwa), MIE (SL), MSSE(SL), GreenAP Senior Lecturer (Grade II)

Tel: 011 2881248 (248) email: amlgu@ou.ac.lk



Eng. M. M. Jayathilake

BSc (Eng) (Moratuwa), AMIE (SL)

Senior Engineering Teaching Assistant

Tel: 011 2881317 (317) email: mmjay@ou.ac.lk

Department of Electrical and Computer Engineering



Eng. (Mrs.) H. Pasqual

BSc (Eng) (Hons) (Moratuwa), MEng(Saitama)

AMIE(SL),MIEEE

Senior Lecturer (Grade I)

Head of the Department

Tel: 011 2881481 (481) email: hpasq@ou.ac.lk



Prof. H. Sriyananda BSc (Eng) (Ceylon), MSc (Salford), PhD (Wales), CEng, MIE(SL) Emeritus Professor

email: hsriy@ou.ac.lk



Prof. (Mrs.) H. U. W. Ratnayake
BSc (Eng) (Hons) (Moratuwa), PhD (Murdoch),
AMIE (SL)
Professor

Tel: 011 2881469 (469) email: udithaw@ou.ac.lk



Dr. L. S. K. Udugama MSc (Donetsk polytechnical Institute), PhD (Donetsk polytechnical Institute), MIEEE Senior Lecturer (Grade I)

Tel : 011 2881352 (352) email : lsudu@ou.ac.lk



Dr. K. A. C. Udayakumar

MSc (Eng) (Hons) (Moscow Power Engineering
Institute), PhD (Moscow Power Engineering Institute)
Senior Lecturer (Grade I)

Tel : 011 2881128 (628) email : <u>kauda@ou.ac.lk</u>



Dr. A. P. Madurapperuma
MSc (ISPJAE, Havana), MSc (University of Wales,
Cardiff), PhD (University of Wales, Cardiff)
Senior Lecturer (Grade I)

Tel : 011 2881324 (324) email : apmad@ou.ac.lk



Dr. (Mrs.) D. D. M. Ranasinghe BSc (Hons) (Colombo) PhD (OUSL), MIEEE Senior Lecturer (Grade I)

Tel: 011 2881305 (305) email: ddran@ou.ac.lk



Dr. D. N. Balasuriya
BSc (Eng) (Hons) (Moratuwa), MSc (Manitoba),
PhD(Moratuwa), CEng, MIE(SL), SMIEEE
Senior Lecturer (Grade I)

Tel : 011 2881272 (272) email : <u>dnbal@ou.ac.lk</u>



Eng. C. J. Basnayakege BTech (Eng) (Hons) (OUSL), MSc (Moratuwa), AMIE (SL), MIEEE Senior Lecturer (Grade I)

Tel: 011 2881437 (437) email: cjbas@ou.ac.lk



Eng. W. D. S. S. Bandara BSc (Eng) (Hons) (Peradeniya),), MEng (AIT), MIEEE, AMIE(SL) Senior Lecturer (Grade II)

Tel : 081 2494495 (130) email : wdban@ou.ac.lk



Eng. (Mrs.) S. A. D. A. N. Dissanayake BTech (Eng) (Hons) (OUSL), M.Phil (OUSL), AMIE (SL) Senior Lecturer (Grade II)

(on study leave)



Eng. D. S. Wickramasinghe BTech (Eng) (Hons) (OUSL), BSc (SJP),MSc (Moratuwa) AMIE (SL) Senior Lecturer (Grade II)

Tel : 011 2881437 (437) email : dswic@ou.ac.lk



Dr. (Mrs.) U. S. Premarathne BTech (Eng) (Hons.)(NITW), MSc (Moratuwa), PhD (RMIT) Senior Lecturer (Grade II)

Tel : 011 2881272 (272) email: uspre@ou.ac.lk



Eng. Dr. G. Anthonys BSc (SJP), BTech (Eng) (Hons) (OUSL), MSc (Moratuwa), MSc (Manitoba), PhD (Waikato), SMIEEE, AMIE (SL) Senior Lecturer (Grade II)

Tel : 011 2881272 (272) Email: <u>ganth@ou.ac.lk</u>



Dipl.-Ing. K. A. R. D. Gunaratne Dipl. Ing. (Ilmenau) Lecturer

Tel: 011 2881305 (305) email: kagun@ou.ac.lk



Mr. M. H. M. N. D. Herath BTech (Eng) (Hons) (OUSL), MBA-IT (Sikkim-Manipal), MSc (Colombo), MSc (SHU) Lecturer

Tel: 011 2881272 (272) email: mhher@ou.ac.lk



Eng. (Mrs) G. S. N. Meedin BTech(Eng)(Hons)(OUSL), MSc (Moratuwa), AMIE (SL), MIEEE Lecturer (Probationary)

(on study leave)



Eng. (Mrs.) R. H. G. Sasikala BSc (Eng) (Hons) (Ruhuna), PG.Dip.in ET (Moratuwa), AMIE (SL) Lecturer (Probationary)

(on study leave)



Eng. I. A. Premaratne BTech (Eng) (Hons) (OUSL), AMIE(SL) Cert.in Basic Tamil (OUSL) MPhil (Peradeniya), Lecturer (Probationary)

Tel : 0112881332(332) Email : *japre*@ou.ac.lk



Eng. M.S.S. Perera B.Tech(Eng)(Hons)(OUSL),AMIE(SL) Lecturer (Probationary)

(on study leave)



Eng.(Mrs) K.M.G.Y. Sewwandi BSc(Eng)(Hons)(Moratuwa) Minor in Entrepreneurship(Moratuwa), MIE(SL) Lecturer (Probationary)

Tel : 0112881272(272) Email : <u>kmsew@ou.ac.lk</u>



Dr. (Mrs.) K.V.J. P. Ekanayake BSE(Hons)(OUSL), MBA in IT(Moratuwa) BCS(UK), MBCS,CSP(Scrum Alliance), PhD(Moratuwa) Chief Academic Coordinator(BSE)

Tel: 0112881147 (647) Email : kvpad@ou.ac.lk

Department of Mathematics and Philosophy of Engineering



Mr. G. Nandasena BSc Special (Hons) (Colombo), MPhil (SJP) Senior Lecturer (Grade II) Head of the Department

Tel: 011 2881484 (484) email: qnand@ou.ac.lk



Dr. B. D. Witharana BSc (Eng) (Hons) (Moratuwa), MPhil (OUSL), PhD (Leiden) Senior Lecturer (Grade I)

Tel : 011 2881484 (484) email : bdwit@ou.ac.lk



Mr. C. P. S. Pathirana
BSc (Hons) (Ruhuna),
MSc (SJP), MPhil (Ruhuna)
Senior Lecturer (Grade I)

Tel: 041 2222943 email: cppat@ou.ac.lk



Mrs. P. Y. A. G. S. Yapa BSc(Eng) (Hons) (Moratuwa), MPhil (SJP) Senior Lecturer (Grade I)

Tel : 011 2881108(608) email : yayap@ou.ac.lk



Dr. (Mrs.) K. D. N. Kumari BSc (Hons) (Colombo), PhD(Colombo) Senior Lecturer (Grade II)

Tel: 011 2881108 (608) email: kdkum@ou.ac.lk



Dr. (Miss) W.A.L. Niwanthi BSc(Hons)(Colombo), PhD(Texas.USA) Senior Lecturer (Grade II)

Tel. : 0112881108 (609) email: waniw@ou.ac.lk



Dr. (Mrs.) K. U. C. Perera BSc (Eng) (Hons) (Peradeniya), MSc (KTH) PhD(Moratuwa)

Senior Lecturer (Grade II)

Tel : 011 2881109(609) email : kuper@ou.ac.lk



Eng. Dr. G.M.C.P.
Jayawardana
BSc Eng. (Hons) (Moratuwa),
MTech (OUSL), MA (BPU), PhD (Kelaniya),
MIET (UK), MIE (SL), CEng
Senior Lecturer (Grade II)

Tel.: 0112881108(608) email: gmjay@ou.ac.lk



Mrs. B.A.U. Dedunu
B.Sc.(Special) in Mathematics,(Kelaniya)
Lecturer (Probationary)

Tel.: 0112881108(608) email:baded@ou.ac.lk



Mr. M. Warushawithana B.Tech. (Eng)(Hons)(OUSL) Lecturer (Probationary)

Tel: 0112881441 (441) email: <u>mwaru@ou.ac.lk</u>



Mrs. K. M. C. J. Kosgoda Bsc (Eng) (Peradeniya) Senior Engineering Teaching Assistant

Tel: 011 2881109 (609) email: kmkos@ou.ac.lk

Department of Mechanical Engineering



Dr. (Mrs.) I. U. Atthanayake

BSc(Eng)(Hons)(Peradeniya), MPhil (Moratuwa),
PhD (Warwick)

Senior Lecturer (Grade II)

Head of the Department

Tel : 011 2881379 (379) email : iuatt@ou.ac.lk



Eng. Prof. N. R. Arthenayake
MSc(Eng) (Hons) (Moscow), MSc Eng (Strathclyde),
FIE (SL), FIE (India), MASME, CEng
Emeritus Professor



Prof. S. A. M. A. N. S. Senanayake
BSc (Eng) (Hons) (Moratuwa),
MSc (Cranfield), PhD (Cranfield)
Professor in Mechanical Engineering

Tel : 011 2881314 (314) email : nssen@ou.ac.lk



Eng. (Mrs.) P. R. Dadigamuwa BSc (Eng) (Hons) (Moratuwa), MPhil (OUSL), MIE (SL), CEng Senior Lecturer (Grade I)

Tel : 011 2881025 (525) email : prdad@ou.ac.lk



Eng. (Mrs.) T. S. S. Jatunarachchi BSc (Eng) (Hons) (Moratuwa), MPhil (OUSL), AMIE (SL) Senior Lecturer (Grade I)

Tel : 011 2881044 (544) email : tssaj@ou.ac.lk



Eng. (Mrs.) T. M. D. N. T. Medagedara BSc (Eng) (Hons) (Peradeniya), MPhil (SHU) MIE (SL), CEng, MIEEE Senior Lecturer (Grade I)

Tel: 011 2881135 (635) email: tmmed@ou.ac.lk



Dr. S. D. R. Perera MSc (Hons) (Odessa), MPhil (OUSL), PhD (SHU) Senior Lecturer (Grade I)

Tel: 011 2881069 (569) Email: sdper@ou.ac.lk



Mr. D. C. Wijewardena BTech (Eng) (Hons) (OUSL), MASc(British Columbia) Senior Lecturer (Grade I)

Tel : 011 2881386 (386) Email : dcwij@ou.ac.lk



Eng. Dr. D. H. R. J Wimalasiri BTech (Eng) (Hons) (OUSL), PhD (SHU) Senior Lecturer (Grade II)

Tel: 011 2881379 (379) email: rjwim@ou.ac.lk



Eng. J. H. S. K. Jayamaha BSc (Eng) (Peradeniya), PGDip.Comp (Colombo), MSc Eng (Wolverhampton), MSc.Eng (EM) (IST), MSc. (RENE) (KTH,Sweden), AMIE (SL) Senior Lecturer (Grade II)

Tel : 011 2881086 (586) email : jhjay@ou.ac.lk



Dr. S. N. Gunasekera BSc (Eng) (Peradeniya), M.Sc (Peradeniya), Ph D (Peradeniya) Senior Lecturer (Grade II)

Tel : 081 2494084 email : sngun@ou.ac.lk



Eng. H. D. N. S. Priyankara BTech (Eng) (Hons) (OUSL), MSc (UoM), AMIE(SL), MIEEE Senior Lecturer (Grade II)

Tel : 011 2881069 (569) email : hdpri@ou.ac.lk



Eng. Dr.(Mrs.) H. S. K. Ekanayake BSc (Eng) (Peradeniya), M Tech (OUSL), AMIE(SL), DBA(Twintech, Malaysia) Senior Lecturer (G II)

Tel: 081 2494495 (163 email: emeka@ou.ac.lk



Eng. H.S. Lakmal Perera

BTech (Eng) (Hons) (OUSL), MEng (UoM),
MSc(UOC) AMIE(SL), AMIAE(SL), AMIMechE(UK)
Senior Lecturer (Grade II)

Tel : 011 2881313 (313) email : hsper@ou.ac.lk



Mr. V.R. Jayasekara BSc (Eng) (MSTUCA), MSc (INHA Lecturer

Tel : 011 2881391 (391) email : vishara@hotmail.com



Eng. W. A. R. Nandana BTech (Eng) (Hons) (OUSL), AMIE(SL) MIEEE, MSc (Moratuwa) Lecturer

(on study leave)



Eng. R. L. K. Lokuliyana BSc (Eng) (Ruhuna), AMIE(SL), AMIAE(SL), AMIMechE Lecturer (Probationary)

Tel: 011 2881440 (440) email: rllok@ou.ac.lk



Eng. I. P. T. S. Wickramasooriya BSc (Eng) (Moratuwa) MSc (Swansea.Barcelona), AMIE(SL) Lecturer (Probationary)

Tel : 011 2881440 (440) email : ipwic@ou.ac.lk



Mr. A.C.G. Perera BSc (Eng) (AIT, Thailand), MEng(AIT,Thailand) Lecturer (Probationary)

Tel : 011 2881477 (477) email : acper@ou.ac.lk



Eng. G.M.K.B. Karunasena BTech(Eng)(Hons)(OUSL), AMIE(SL), AEng EC(SL) Lecturer (Probationary)

Tel : 011 2881477 (477) email : gmkar@ou.ac.lk



Eng. (Ms.) R.M.P.M.D. Rathnayake BTech(Eng)(Hons)(OUSL), MIT(Reading-UCSC), AMIE(SL)
Lecturer (Probationary)

Tel: 011 2881477 (477) email: rmpra@ou.ac.lk



Eng. N.C Tantrigoda

BTech(Eng)(Hons)(OUSL), AMIE(SL),
AEng EC(SL)

Lecturer (Probationary)

Tel: 011 2881477 (477) email: nctan@ou.ac.lk



Eng. (Ms.) W.M.N.R Weerasinghe BSc. Eng. Hons. (SLIIT), PGD(UOM)
Lecturer (Probationary)

Tel: 011 2881477 (477) email: wmnwe @ou.ac.lk



Eng. N. Udhayakumar BSc (Eng) (Peradeniya), AMIE(SL) Engineering Teaching Assistant Faculty Coordinator Jaffna Regional Centre

Tel : 021 2223374 email : nukum@ou.ac.lk

Department of Textile and Apparel Technology



Dr. (Mrs.) D. S. Wijerathne BDes (Hons)(Moratuwa), MPhil (OUSL),PhD (Tianjin)CTHE(OUSL) Senior Lecturer (Grade II) Head of the Department

Tel : 011 2881261 (261) email: <u>dswij@ou.ac.lk</u>



Eng. Prof. S. A. Ariadurai
BE (Osmania), PGDipTech (Moratuwa),
PhD (UMIST), CText (UK), ATI (UK), MIE
(India), CEng
Senior Professor in Textile and
Apparel Technology

Tel : 011 2881310 (310) email : saari@ou.ac.lk



Prof. C. N. Herath

BSc (Eng) (Hons) (Moratuwa), MSc Eng
(Dresden), PhD (Incheon)

Professor in Textile and
Apparel Technology

Tel : 011 2881411 (411) email : chera@ou.ac.lk



Dr.-Ing. M. E. R. Perera BSc (Eng) (Hons) (Moratuwa), MSc Eng (Dresden), Dr. - Ing. (Dresden) Senior Lecturer (Grade I)

Tel : 011 2881061 (561) email : meper@ou.ac.lk



Mrs. H. A. A. E. Perera BSc (Eng) (Hons) (Moratuwa), PG.Dip.Nanoscience & Nanotechnology, (PGIS) (Peradeniya), MPhil (Moratuwa) Senior Lecturer (Grade II

Tel : 011 2881307 (307) email : haper1@ou.ac.lk



Mrs. T. P. G. N. T. Alwis BSc (Eng) (Hons) (Moratuwa), PG Dip Eng (Moratuwa) Lecturer

Tel: 2881310 (613) email: tpalw@ou.ac.lk



Mrs K.A.P. Wijesinghe
BSc(Eng) (Hons) (Moratuwa), AMIE(SL)
Lecturer (Probationary)

(on Study Leave)



Mrs. H. W. N Madushika B.Des (Hons) (Moratuwa) Lecturer (Probationary)

Tel: 0112881310 (612) email: hwmad@ou.ac.lk



Miss M.H. Medagedara BSc (Eng) (Hons) (Moratuwa), AMIE(SL), MSLAAS, CIMA Dip Ma, PhD (Reading)(Moratuwa) Lecturer (Probationary)

Tel: 0112881310 (612) Email: <u>mhmed@ou.ac.lk</u>



Miss R. A. N. S. Wijesingha BIS (Hons) (OUSL), MIMM (UCSC, Italy) Lecturer (Probationary)

Tel: 0112881310 (612) email: rawij@ou.ac.lk



Miss P. G. Kaushalya BIS (Hons) (OUSL) MSc (Paris) Lecturer (probationary)

Tel: 0112881310 (612) email: pgkau@ou.ac.lk



Mrs. M.N.D.Weerasooriya
BSc(Eng) (Hons) (Moratuwa)

Lecturer (Probationary)

Tel : 011 2881310 (612) email : wweer@ou.ac.lk



Dr. Ms. M.M.N.P. Abeyseskara BIS (Hons) (OUSL), MBA (WUSL), PhD (HUST)

Lecturer (Probationary)

Tel : 0112881310 (310) email : <u>mmabe@ou.ac.lk</u>

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. 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.

2.1 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 and the same sitting can join the Bachelor of Technology Honours in Engineering Degree programme specialising in;

- Agricultural Engineering
- 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.

2.2 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 and pass the selection test.

2.3 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 and the same 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.

3. 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 Structural 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

4. 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.

5. 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.

6. 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

7. 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.

8. 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.

9. Scholarships

The University has a limited number of bursaries, including University Bursaries, University Enhancement Bursaries, Mahapola Scholarships and Deans List 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.

10. Facilities and Support Services

10.1 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.

10.2 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.

10.3 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 audiovisual material, mainly for reference.

10.4 Online Facilities

Registered students have the privilege of accessing online eLearn 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 eLearn hosted in OUSL. You can access this through the OUSL web page or directly at learnousl.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.

10.5 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.

10.6 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.

10.7 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.



10.8 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.

10.9 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.

10.10 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 011-2881485.

10.11 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.

10.12 Career Guidance Unit

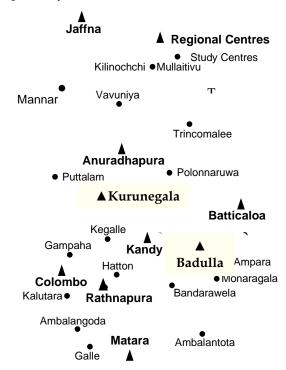
The Career Guidance Unit, in collaboration with the Faculty, organise workshops and seminars in guiding students for gainful employment opportunities based on their abilities, desires and expectations. This is to be achieved by educating undergraduates with necessary knowledge, skills, attitudes and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

Part IV – Contact Details

Dean/Faculty of Engineering Technology	Telephone No. 011-2881228, 011-2881351
Heads of Departments	
Dept. of Agricultural and Plantation	011-2881089
Engineering	
Dept. of Civil Engineering	011-2881248
Dept. of Electrical and Computer	011-2881481
Engineering	
Dept. of Mathematics and Philosophy of	011-2881484
Engineering	
Dept. of Mechanical Engineering	011-2881379
Dept. of Textile and Apparel Technology	011-2881261
University Hunting Line	011-2881000
	Fax No.
Dean / Faculty of Engineering	011-2822737
Technology	

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, , Galle, Gampaha, Hatton, Kalutara, Kegalle, Kilinochchi, Mannar, Monaragala 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:

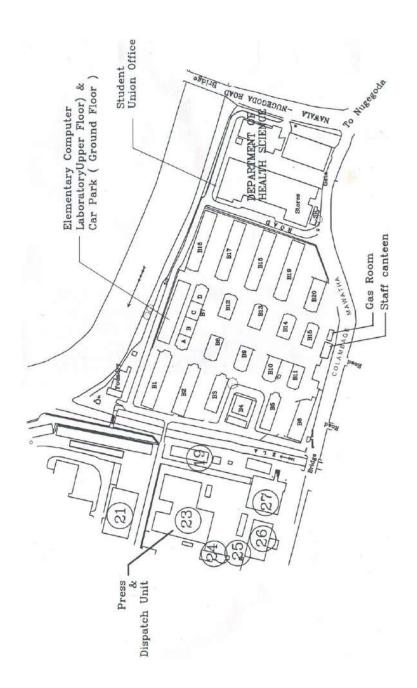
Regional Centre	Address & Contact Person	Telephone
Anuradhapura	Assistant Director Jayanthi Mawatha, Anuradhapura	025-2222871
Badulla	Assistant Director No.18/1 Bandaranayake Mw., Badulla	0552228842 0553012151
Batticaloa	Senior Assistant Director, 23, New Road, Batticaloa	065-2222264
Colombo	Actg. Assistant 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	034-2223286 034-2223399
Kegalle	Assistant Director Kumaratunga Munidasa Mawatha, Kegalle	035-2222720
Kilinochchi	Assistant Director 155th Mile Post, Kandy Rd, Kilinochchi.	077-7705963 021-2283970
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	021-2290868
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 15 - SENATE HOUSE 15a - IT BUILDING 16 - ADMINISTRATION BUILDING 17 - TEMPORARY RESIDENTIAL FACILITY - OLD 18 - STAFF DEVELOPMENT CENTRE 11 - EXAM HALL NO. 03 / CONFERENCE HALL 19 - LANDS AND BUILDING DEPARTMENT 11a - EXAM HALL NO. 02 20 - GUEST HOUSE 11b - EXAM HALL NO. 01 21 - CANTEEN - CENTRAL CAMPUS 11c - EXAM HALL NO. 01a 22 - POST GRADUATE INSTITUTE 11d - EXAM HALL NO. 01b OF ENGLISH 12 - CETMe 23 - EXAM HALL NO. 05 025 02 13 - LIBRARY 24 - TEMPORARY RESIDENTIAL FACILITY - NEW 25 - EXAM HALL NO. 04 14 - FACULTY OF HUMANITIES AND

SOCIAL SCIENCES

B 1, 2	Department of Civil Engineering Laboratories	B 8, 9,10	Lecture Halls
В3	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 - 2022/2023

Dr. (Mrs) D.S. Wijerathne (Chairperson)

Mr. P. K. J. de Mel

Mr. D.I. Fernando

Mr. K.A.R.D. Gunaratne

Dr. (Miss) W.A.L. Niwanthi

Mr. R.L.K. Lokuliyana

Mrs. T.P.G.N.T. Alwis

Mr. K. Wijikumar

Word Processing

Mrs. Chandrika P. Atukorala/Faculty Office

Cover Page Design

Mr. D. H. Shantha Jayalath/CETMe

- Department of Textile & Apparel Technology
- Department of Agricultural & Plantation Engineering
- Department of Civil Engineering
- Department of Electrical & Computer Engineering
- Department of Mathematics & Philosophy of Engineering
- Department of Mechanical Engineering
- Department of Textile & Apparel Technology
- Assistant Registrar / Faculty of Engineering Technology



PROSPECTUS 2022-2023

Faculty of Engineering Technology The Open University of Sri Lanka P.O. Box 21 Nugegoda 10250

Tel: 011 2881228 / 011 2881351 / 0112881000

Fax: 011 2822737

Web: https://ou.ac.lk/fengtec/