The Open University of Sri Lanka

Faculty of Engineering Technology (FET)

Pre-orientation 2014/15
Aim of the presentation

• **To make you aware of ;**
  - The Open University of Sri Lanka and its role in the higher education in Sri Lanka
  - The Study method of the OUSL
  - The study programmes offered by the Faculty of Engineering Technology (FET) of the OUSL

• **To provide you opportunity to obtain clarification on our study programmes**
Contents

• About the OUSL
• Distance Education Vs Conventional Education
• Faculty (FET) and Programmes
• Fee structure
About the OUSL

- One of the 15 National Universities
- Established in 1980 under Universities Act No. 16 of 1978
About the OUSL

• Same Academic and Legal status as other National Universities

• Comes under the purview of University Grants Commission (UGC)
About the OUSL

• **Four Faculties**
  - ✓ Education
  - ✓ Engineering Technology
  - ✓ Humanities and Social Sciences
  - ✓ Natural Sciences

• **Study Programmes – Certificate, Diploma, Degree, Postgraduate Degrees, Stand-alone courses**

• **Student population approximately over 33,000**
About the OUSL

- **Facilities Available**
  - Main campus and Colombo Regional Center at Nawala
  - Six Regional Centres (RC) & 19 Study Centres (SC) spread throughout the country
  - Library facilities at Regional Centres
  - Elementary Computer Laboratories at RCs & most SCs
  - Temporary Residential Facilities at RCs
  - NODES Access Centres island wide
Distance Education
Vs
Conventional Education
Difference between the OUSL and the Conventional Universities

• **Open Entry**
  ✓ Anybody over 18 years of age with a desire and an ability for higher studies can enter
  ✓ Those with relevant qualifications can enter at higher levels

• **Study through Distance Education**
  ✓ Can study while working or staying at home
  ✓ Can study at anytime from anywhere
  ✓ Practice Open & Distance Learning (ODL) methodology
Difference between the OUSL and the Conventional Universities

- **Flexibility**
  - Can study at one’s own pace
  - Flexibility in time limit for programme completion
Study Method

- Printed self study material
- Audio-visual/ Multi-media material
- Day schools/ Tutor clinics
- Web based learning resources - MOODLE
- Workshop training/Industrial training
- Lab sessions/ Design classes/ Field work/ Field visits/Factory visits
Assessment and Evaluation

• **Continuous assessments**
  - Assignments/Mini projects
  - Lab Reports/ Design Reports/ Field Reports/ Viva
  - Continuous Assessment Tests (CAT)
  - Web based assessment

• **Final examinations**
Faculty of Engineering Technology
Faculty of Engineering Technology

• **Departments**
  ✓ Agricultural & Plantation Engineering
  ✓ Civil Engineering
  ✓ Electrical & Computer Engineering
  ✓ Mathematics & Philosophy of Engineering
  ✓ Mechanical Engineering
  ✓ Textile & Apparel Technology

• **Faculty website:** [http://www.ou.ac.lk/eng](http://www.ou.ac.lk/eng)
Terminology

• **Programme**
  Programme of study consists of a combination of compulsory and optional courses, which leads to a specific award. (Eg. B.Tech. Degree)

• **Course**
  The fundamental entity in the dissemination process of knowledge, and may be treated as being equivalent to a subject. The FET offers courses belonging into several categories
Terminology

• Levels

Courses are assigned with levels, depending on the relative complexity and the course content. Ranges from 1 to 8

<table>
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<tr>
<th>Level 1 / 2</th>
<th>Foundation levels</th>
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<td>Level 3 / 4</td>
<td>Diploma level</td>
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<tr>
<td>Level 5 / 6</td>
<td>Degree level</td>
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<tr>
<td>Level 7/8</td>
<td>Postgraduate level</td>
</tr>
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</table>
• **Credit rating**
  
  ✓ The credit rating assigned to a course reflects the amount of time an average student is expected to devote for study

  ✓ Typically, 1 credit is estimated at 40 – 50 h (OUSL Norm)

  ✓ The maximum number of credits that a student can register in an academic year is 45 credits

  ✓ For those who register for the first time for a programme should at least register for 9 credits
**Course Code**

- **Department Code**
  - AE: Agricultural & Plantation Engineering
  - CE: Civil Engineering
  - EC: Electrical & Computer Engineering
  - MP: Mathematics & Philosophy of Engineering
  - ME: Mechanical Engineering
  - TT: Textile & Apparel Technology

- **Course Category**
  - X: Engineering
  - Y: Engineering projects
  - Z: Mathematics
  - I: Industrial
  - J: General
  - K: Computer literacy
  - L or E: English
  - M: Management
  - W: Training

- **Serial No.**

- **Level**

- **Credit rating (to obtain the credit of a course multiply this number by 3) Eg. In the above course its 6 (2 x 3)**
Study Programmes
Study Programmes

Certificate/Undergraduate Programmes
- Technology (Engineering)
- Bachelor of Software Engineering

Bachelor of Technology
- Diploma in Technology
- Bachelor of Technology
  - Civil Engineering
  - Electrical Engineering
  - Computer Engineering
  - Electronic & Communication Engineering
  - Mechanical Engineering
  - Mechatronics Engineering
  - Textile & Clothing Engineering

Certificate/Diploma
- Degree
  - Small Scale Renewable Energy Systems
  - Animal Husbandry & Aquaculture
  - Apparel Technology
- Diplomas
  - Agriculture
  - Apparel Production & Management
  - Fashion Design & Product Development
  - Textile Manufacture

Industrial Studies
- Certificate
- Diploma
- Degree
Study Programmes

- Postgraduate Programmes
  - Diploma
    - Apparel Production and Management
    - Construction Management
    - Industrial Engineering
  - Masters Degree (Course option)
    - Apparel Production and Management
    - Industrial Engineering
  - Masters Degree (Research option)
    - Apparel Production and Management
    - Construction Management

- Higher Degrees by Research
  - Master of Philosophy
  - Doctorate
Technology (Engineering) Programme

• **Entry Qualifications**

  ✓ G.C.E. (A/L) 3 Passes in mathematics stream or equivalent (3 passes in Cambridge International / Edexcel Advanced G.C.E including a ‘C’ grade pass for Mathematics and Pass for Physics) – In any number of attempts

  OR

  ✓ Obtained 36 credits in the OUSL foundation level


Technology (Engineering) Programme

**Other Qualifications**

- Those who posses higher qualifications such as NDT/HNDE/NDES or equivalent may enter at higher levels, with some exemptions granted.

**If you do not have minimum entry requirements**

- Register for the Foundation courses at OUSL and obtain passes in Physics, Chemistry and Combined Mathematics (Minimum duration : 1 year)
Technology (Engineering) Programme

• **Minimum Duration**
  ✓ 4 years to complete the Degree from Level 3 (Those entering at higher levels will complete in less than 4 years)

• **Medium**
  ✓ English
Technology (Engineering) Programme

B.Tech Engineering Degree

Level 6
Level 5
Level 4
Level 3

Higher Qualifications
GCE (A/L) 3 passes in mathematics stream/Equivalent

Diploma in Technology

Pass OUSL Foundation Level courses
Bachelor of Software Engineering Programme

• **Entry Qualifications**

  - Pass in any 3 subjects in GCE (A/L) excluding General English/General IT
  - Pass 36 credits from any courses in the OUSL Foundation programme
  - Equivalent qualification accounting to 36 credits rated by an exemption evaluation committee
  - One year tertiary level qualification
  - Passing a selection test
If you are following any academic qualifications, which may finish before November 2014, you can still apply. Indicate the expected date of completion in the application.

A complete list of tertiary level qualifications are included in the “Instructions to Bachelor of Software Engineering (BSE) Applicants” issued with the application.
• **Selection test**
  ✓ Applicants who have the entry qualifications will be called for a selection test and interviews (4\(^{th}\) and 5\(^{th}\) of July 2014)

• **Registration**
  ✓ 17\(^{th}\) July 2014
    (For only who have passed the selection test)

• **Minimum duration**
  ✓ 3 years
For more information

✓ Refer: “Instructions to Bachelor of Software Engineering (BSE) Applicants” issued along with the application

✓ Visit: http://www.ou.ac.lk/prog/bse
Industrial Studies Programme

• **Certificate in Small Scale Renewable Energy Systems**
  ✓ Passed G.C.E. (O/L)
  ✓ Medium of instruction: Sinhala
  ✓ Duration: 1 Year
  ✓ Information: 011 2881 109

• **Certificate in Animal Husbandry & Aquaculture**
  ✓ Passed G.C.E. (O/L)
  ✓ Medium of instruction: Sinhala/Tamil
  ✓ Duration: 1 Year
  ✓ Information: 011 2881 315
Industrial Studies Programme

- **Certificate in Apparel Technology**
  - Passed G.C.E. (O/L)
  - Medium of instruction: Sinhala/English
  - Duration: 1 Year
Industrial Studies Programme

• **Degree programmes**

  ✔ For Industrial studies in Agriculture: 3 Passes in science subjects at G.C.E. (A/L) examination including Botany, OR any other equivalent or higher qualification

  ✔ For Industrial studies in Apparel Production & Management/ Fashion Design & Product Development/Textile Manufacture: Passes in any 3 subjects at G.C.E. (A/L) examination/ Completion of Certificate in Industrial Studies –Apparel Technology or any other equivalent or higher qualification
• **Degree programmes**

✔ For Industrial studies in Apparel Production & Management/ Fashion Design & Product Development/Textile Manufacture:

- Passes in any 3 subjects at G.C.E. (A/L) / Completion of Certificate in Industrial Studies – Apparel Technology/Completion of 36 credits from any foundation level courses at OUSL OR any other equivalent or higher qualification

- Holders of higher qualifications such as NDT, SLITA or Brandix Diploma may enter at higher levels
Industrial Studies Programme

• **Degree programmes**

  ✓ Minimum duration: 4 years from level 3

  ✓ Medium of instruction: English
Industial Studies Programme

- **BIS Degree**
  - Level 6
  - Level 5
  - Level 4
  - Level 3

- **Higher Qualifications**
- **Minimum GCE (A/L)**
  - 3 passes in any courses
  - Equivalent

- **Pass OUSL Foundation Programme/Certificate in Industrial studies**

- **Diploma in Industrial Studies**
Higher Degrees

• **Postgraduate Diploma**

  ✓ Entry Qualifications: For Construction Management and Industrial Engineering, Degree in Engineering in the relevant field or equivalent/Associate membership of IESL or any other Membership of an Engineering Institute which is equivalent to the Associate Membership of IESL, & two years relevant industry experience.
Higher Degrees

• **Postgraduate Diploma**
  - Entry Qualifications: For Apparel Production and Management, Bachelors Degree in Textile/Apparel Technology and two years relevant industry experience
  - For those who posses professional qualifications in the field of Textile and Apparel Technology, CIMA, CIM Apparel Merchandising and two years relevant industry experience are eligible to seek for provisional registration
  - Minimum duration: 1 Year
Higher Degrees

• Masters Programmes

✓ Entry Qualifications: Successful completion of the postgraduate diploma in the relevant field of specialisation

✓ Minimum duration: 1 Year
StART@OUSL
All students registering for Degree programmes should follow a mandatory common Induction Programme ‘StART@OUSL’ of 3 months duration.

To complete the programme a student should offer 3 compulsory courses plus at least one elective course. If a student wishes, he/she may opt to offer more than one elective course.

The programme will be repeated twice or thrice within a calendar year. First cycle will begin in August 2014 and conclude in October 2014.
StART@OUSL

- **Compulsory courses**
  - Empowering for Independent Learning (6 sessions totaling 24 hours)
  - English for General Academic Purpose (18 sessions totaling 54 hours)
  - Second National Language (8 sessions totaling 24 hours)

- **Elective courses**
  - Social Harmony (3 sessions totaling 9 hours)
  - Information Communication Technology Skills (5 sessions totaling 20 hours)
  - Soft Skills for Personality Development (8 sessions totaling 32 hours)
StART@OUSL

• **For more information**

Ms. Anoja Ekanayake – Director/Career Guidance Unit
Contact No’s: 011 2881 049
077 7384 389
Recognition of Qualifications
Recognition

- Government recognition through Public Administration Circular No. 16/92 dated 13 March 1992, for Degrees

- Professional recognition by The Institution of Engineers Sri Lanka (IESL) for B.Tech(Eng) Degree, on par with BSc Engineering Degrees from Peradeniya, Moratuwa & Ruhuna Universities

- Public & Private sector recognition for Degrees/ Diplomas/ Certificates
Exemptions

✓ Those who have higher qualifications may be granted exemptions from relevant courses in a programme.

✓ A list of qualifications where exemptions will be granted is included with your ‘Guide to filling the application’ handout.

✓ If you possess a qualification which is not listed and you think you may be entitled for exemptions then fill out the ‘Application included at the end of ‘Guide to filling the application’ handout and send it to the indicated address on or before 27\textsuperscript{th} June 2014. This form is also available for download at the FET website.
Fee Structure
### Fees for 2014/15

<table>
<thead>
<tr>
<th>Level</th>
<th>Tuition Fee per Credit (LKR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,2</td>
<td>1,000</td>
</tr>
<tr>
<td>3,4</td>
<td>1,100</td>
</tr>
<tr>
<td>5,6</td>
<td>1,200</td>
</tr>
<tr>
<td>7,8</td>
<td>4,000</td>
</tr>
</tbody>
</table>
Approximate Tuition Fee per Academic year

<table>
<thead>
<tr>
<th>Level / Credits</th>
<th>Fee (LKR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level 1, 2 (45 credits)</td>
<td>45,000</td>
</tr>
<tr>
<td>Level 3, 4 (45 credits)</td>
<td>50,000</td>
</tr>
<tr>
<td>Level 5, 6 (45 credits)</td>
<td>55,000</td>
</tr>
</tbody>
</table>
Other Fees per academic year

- Other fees include (Apart from the tuition fee in LKR)

<table>
<thead>
<tr>
<th></th>
<th>Certificate</th>
<th>Diploma/Degree</th>
<th>Postgraduate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Registration Fee</td>
<td>400</td>
<td>400</td>
<td>1000</td>
</tr>
<tr>
<td>Facilities fees</td>
<td>1500</td>
<td>1500</td>
<td>1500</td>
</tr>
<tr>
<td>Library fee</td>
<td>100</td>
<td>100</td>
<td>200</td>
</tr>
<tr>
<td>Examination fees</td>
<td>100</td>
<td>100</td>
<td>200</td>
</tr>
</tbody>
</table>

- A student will also have to pay additionally for training modules and StART@OUSL programme, apart from the above indicated fixed cost.
Payments

✓ Fees are payable in two installments.

✓ First installment consist of all fixed fees and 60% of the tuition fees.

✓ Note that these fees are subject to revision as and when necessary
Financial Assistance

✓ Depends on the performance & need
✓ Can apply after the first year
✓ To cover only the tuition fees
✓ Available bursaries
  • Mahapola Scholarships
  • University Bursaries
  • Scholarships by Software Companies (for Software Engineering Programme)
Your pathway to success

Post graduate Diploma/ Degree, Research Degree

Bachelor of Technology

Bachelor of Industrial Studies

Through acceptable qualification in the relevant field

Diploma in Technology

Diploma in Industrial Studies

Advanced Certificate in Technology

Certificate in Industrial Studies

3 A/Ls in Mathematics

Foundation Courses

Relevant A/Ls
Further information

www.ou.ac.lk/eng
Thank You!
Assistant Registrar
Faculty of Engineering Technology

Contact persons

D C Wijewardene (Mech) - 077 373 8313
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