Our Focus: Research Universities as the Building Block for New Economies

- Improving Research Profile
- Internationalization and Joint Research
- Population Dynamics and Research: Relevance of Social Sciences

Leading the Change: ICT-driven Innovation on Campus (examples drawn from the University of Colombo)

Professor Lakshman Dissanayake
Vice Chancellor, University of Colombo

Strive to be a Centre of Excellence of regional and international repute, building synergies between knowledge, education, research and entrepreneurship.
<table>
<thead>
<tr>
<th>9 Faculties</th>
<th>7 Institutes</th>
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<tr>
<td>Arts</td>
<td>Biochemistry, Molecular Biology &amp; Biotechnology</td>
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<td>Education</td>
<td>Human Resources &amp; Advancement</td>
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<td>Law</td>
<td>Indigenous Medicine</td>
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<td>Management &amp; Finance</td>
<td>National Institute of Library &amp; Information Science</td>
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<td>Medicine</td>
<td>Post Graduate Institute of Medicine</td>
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<td>Science</td>
<td>Agro Technology and Rural Sciences</td>
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<td>Graduate Studies</td>
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<td>Technology</td>
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<td>Nursing</td>
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<td>Campus: Sri Palee</td>
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<td>School: University of Colombo School of Computing (UCSC)</td>
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UNESCO Teaching Innovation Project for Blended Learning is another recent initiative.

UoC strives to implement teaching & learning methodologies to suit outcome based (OBE) & Student Centered Learning approach.
8 Strategic dimensions for blended learning (i.e. holistic approach)
Internationalization is a Priority Area
Improving Research Profile is a Priority Area

Two scientists from Harvard University, Professor Isaac Silvera, along with Dr. Ranga Dias have successfully created metallic hydrogen. We are proud that Dr. Ranga Dias is a product of the Department of Physics, University of Colombo, Sri Lanka.

CONGRATULATIONS

For More Information
Colombo Science and Technology Cell: Some Examples for Research Innovation and Technology Transfer

Our Clients
Volunteering Opportunities
Collaboration with the University of Colombo.....

• Stepping into establish collaborations with 15 of the leading Universities in Asia:

• Asian University Alliance (AUA)

  • Tsinghua University (China); Chulalongkorn University (Thailand); Hong Kong University of Science and Technology; Indian Institute of Technology Bombay; King Saud University (Saudi Arabia); National University of Singapore; Nazarbayev University (Kazakhstan); Peking University; Seoul National University; United Arab Emirates University; Universitas Indonesia; University of Colombo (Sri Lanka); University of Malaya (Malaysia); The University of Tokyo; University of Yangon (Myanmar)
Vision for Blended Learning: The University of Colombo will be a centre of excellence of regional and international repute, through effective use of information and communication technologies and human resources to provide high quality learning experiences incorporating physical as well as virtual learning environments and making its courses more accessible, pedagogically sound and learner-centred.

Mission for Blended Learning: Blended learning will be systematically integrated in all programs at each faculty, institute and campus of the University of Colombo to create more opportunities for education and provide advisory support for entrepreneurship.

ICT-driven Innovation was ignited by the UNESCO Teaching Innovation project.
Blended Learning Project at University of Colombo

Seizing Digital Opportunities in Higher Education: Building staff capacity for ICT-driven innovation in Cambodia and Sri Lanka

UNESCO-Shenzhen Funds-In-Trust Framework
Objectives

• Increase the quality of teaching, learning and assessment process
• Empower the staff with necessary knowledge and skills to develop blended learning courses
• Reduce the issues related to infrastructure capabilities
• Create a learning content repository
• Build online learning communities
• Increase the number of programmes, courses and students
• Promote sharing and collaboration for teaching and learning
mlearning Programmes at the University of Colombo

Master of Public Administration and Management 2017/2018 (MPA&M M-Learning)

Postgraduate Diploma in Public Administration and Management (mLearning) 2017/2018

Postgraduate Diploma in Business Management 2017/18 (PgDBM) Through m-Learning

Executive Diploma in Marketing Through m-Learning 2017/18
mLearning/eLearning Programmes

1. MD in Emergency Medicine - Blended
2. Postgraduate Certificate in Medical Education - Blended
3. MSc in Medical Toxicology - Online

eCertificate course in health programme management
Online diploma in disaster management
E certificate course in Infection prevention and Control
PG diploma in Health care quality and patient safety – M learning
PG Diploma in Gender and health – M learning
Masters in Forensic Anthropology and Forensic archaeology

Diploma in Travel and Tourism Economics and Hotel Management Programme
• Foundation In Information Technology (FIT)
• The Foundation in Information Technology (FIT) programme aims at creating computer awareness together with skills in Mathematics and English, in any person who is interested in following an undergraduate programme in ICT or seek employment which requires ICT as a qualification. It is also an alternate qualification for those who do not posses A/L qualifications to enroll into the Diploma in Information Technology (DIT) programme. Applicants can register for the programme at any time of the year. You need to pass the three theory papers to qualify to register for the DIT programme and all papers to qualify for FIT certificate.

• This programme consists of three courses, namely:
• FIT 101 - ICT Applications (Theory Paper and Practical Paper)
FIT 201 - English for ICT (Theory Paper and Practical Paper)
FIT 301 - Mathematics for ICT (Theory Paper Paper)
Vision
Wider access to higher education locally and globally, creating a knowledge society.

Mission
Creating wider, affordable and easy access to higher education through blended and student centered learning opportunities harnessing modern technology.
Higher Diploma in Agro-Technology

The Institute offers Diploma in Agro-technology which open pathways to pursue higher education to the farming community without barriers of age, distance, time and academic background.

Bachelor of Agro-Technology (B.Ag.Tec.)

This is the first-ever online diploma and degree programme for farmers in Sri Lanka. This academic programme introduces knowledge-based agriculture to the rural farming community. This would give students recognitions as well as economic benefits.

Agro-technology in Honours (B. Ag.Tec.Hon.)

As the degree program is unique in its nature in terms of its content and delivery and the potential learners and it is aimed to develop the capacity of those who new to, as well as already involved in various agricultural activities including in farming and various other agribusiness as entrepreneurs and service providers.

Technology Transfer

New Agro-technologies are introduced to rural communities by giving tissue-cultured banana plants. There are two tissue culture laboratories and produce 20,000-30,000 plants per month at its maximum capacity which is not enough to fulfill the demand. Laboratories are totally managed by young village girls and that gives job opportunities for them at their village.
THANK YOU!