



SIXTY YEARS

1959-2019

Our Story

University of
Sri Jayewardenepura,
Sri Lanka

The legacy of Vidyodaya Pirivena, 1873,
the famed seat of oriental learning

SIXTY YEARS
1959-2019
Our Story

University of
Sri Jayewardenepura,
Sri Lanka

**The legacy of Vidyodaya Pirivena, 1873,
the famed seat of oriental learning**

Compiled by
Mangala Fonseka

www.sjp.ac.lk

SIXTY YEARS **1959-2019** **Our Story**



**University of
Sri Jayewardenepura,
Sri Lanka**

**The legacy of Vidyodaya Pirivena, 1873,
the famed seat of oriental learning**

Compiled by
Mangala Fonseka

On the request of the Vice-Chancellor, University of Sri Jayewardenepura

Copyright © University of Sri Jayewardenepura, 2019

ISBN 978-955-4908-97-0

First published, 2019

All rights reserved. Apart from any fair dealing for the purposes of private study, research, criticism or review, no part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, photocopying, recording or otherwise, without the prior permission of the copyright owner.

Editorial co-ordination by Ms. S Vishmi Wijeratne Udugahapattuwa

Designed by Design Factory

Printed by Kosala Graphic System

For

University of Sri Jayewardenepura
Nugegoda. Sri Lanka.

Tele : +94 11 2758000, +94 11 2802022, +94 11 2801024, +94 11 2801025

Web : www.sjp.ac.lk

Email : info@sjp.ac.lk



Founded on the guiding principle

'Vijja upp thathan settha'

Among all that arise, knowledge is the greatest

(Ancient Buddhist scriptures)

The University of Sri Jayewardenepura

is set about realizing its vision

Prosper lives through education,

via its mission to

Develop globally competent graduates

through our education for a sustainable future,

drawing inspirations from the country's

cultural heritage and wisdom,

while steadfastly upholding the values of

Academic excellence and performance

Universal loving kindness and compassion

Modesty and integrity

Preserving the socio-cultural and national heritage

Freedom of intellectual thinking and creativity, and

Accountability and social responsibility.



ශ්‍රී ජයවර්ධන විශ්වවිද්‍යාලයීය ගීතය

- ශ්‍රී - ලංකා පින්බර රන් දෙරණේ
- ශ්‍රී - නිවාස වූ මහ අග නගරේ
- ශ්‍රී - ජයවර්ධනපුර සරසවියේ
- ශ්‍රී - නාමය රඳවනු ලෝ මුදුනේ

හික්කඩුවේ ශ්‍රී සුමගුල් සමඳුන්
 වැලඹිවියේ සෝරත බඳු යතිඳුන්
 බිහි කළ විද්‍යෝදය වදු බිම දුන්
 එළියෙන් - දිවි මග සරසවු

අයුක්තියේ දී විවාදශීලී
 අසත්‍යයේදී විචාරශීලී
 වියත් සභා මැද සමාජශීලී
 වියතුන් - වී දැය පොබයවු

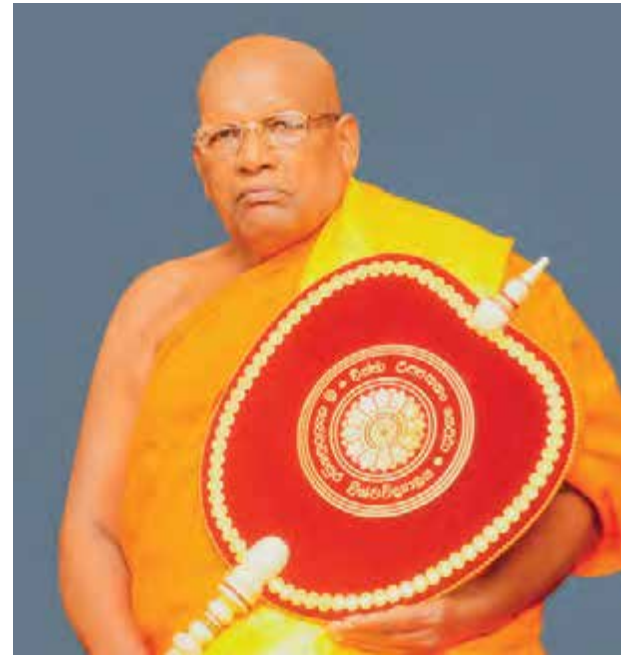
විජේජා උපප තතං සෙට්ඨා//

ගේය පද - ජ්‍යෙෂ්ඨ මහාචාර්ය සුනිල් ආරියරත්න
 තනු නිර්මාණය සහ සංගීතය - ආචාර්ය රෝහණ වීරසිංහ

FROM THE CHANCELLOR

I consider it my good fortune to send this congratulatory message to SIXTY YEARS – Our Story published in celebration of the Diamond Jubilee of the University of Sri Jayewardenepura. I wish to bestow merit on all those who have assisted the University in numerous ways in its journey of sixty years. It is no exaggeration that we all can look back at its glorious past with a great deal of satisfaction.

May the University of Sri Jayewardenepura go from strength to strength in the years to come and shine as a beacon in the sphere of higher education both here and in the region!



Most Ven. Dr. Ittapane Dhammalankara
Maha Nayake Thero

Chief Prelate (Mahanayake) of Kotte
Sri Kalayani Samagri Dharma Maha
Sangha Sabha of Siyam Maha Nikaya

SENIOR PROFESSOR SAMPATH AMARATUNGE

Senior Professor Sampath Amaratunge, BA (Hons.) (Econ.)(USJ); MA (Econ.) (Colombo), MSc. (Economics of Rural Development) (Saga National University); PhD (Kogoshima National University), is in his second term as Vice-Chancellor, University of Sri Jayewardenepura. He has made several noteworthy contributions during his tenure as Vice-Chancellor including the setting up of three new faculties of study, strengthening the frontiers of research and establishing the Innovation, Invention and Venture Creation Council.

Senior Professor Amaratunge is a dedicated researcher with over 75 refereed publications to his credit. A multifaceted personality, he has served with distinction as Chairman, Federation of University Teachers' Association of Sri Lanka and Member, University Grants Commission and is currently the Chairman, Committee of Vice Chancellors and Directors of Sri Lanka. He also sits on the Boards of Management of several top corporates as an independent director.

FROM THE VICE-CHANCELLOR

I consider it a privilege to send this message to **SIXTY YEARS - Our Story** published to mark the Diamond Jubilee (1959-2019) celebrations of the University.

SIXTY YEARS - Our Story serves several purposes: firstly, it narrates the present status of the University in all its different aspects thereby educating its many stakeholders and admirers on what the University stands for and has achieved over the years. It also elucidates the future path of the University.

The University of Sri Jayewardenepura has a rich heritage that can be traced to the days of the Vidyodaya Pirivena set up by the Most Venerable Hikkaduwe Sri Sumangala Nayake Thero. It earned a reputation as a centre of excellence in Buddhist and Oriental Studies, both locally and internationally. Decades later, with gaining independence from the British (1948) followed by the strengthening of nationalistic progressive forces the Vidyodaya University was established in February, 1959. Nevertheless, the new University continued to be guided by its cherished norms, traditions and values, now under the visionary leadership of its first Vice Chancellor, the Most Venerable Welivitiye Sri Soratha Nayaka Thero.

From its early days itself, the Vidyodaya University took the bold step of introducing Management and Applied Science as new disciplines of study into its already established base of Buddhist and Oriental Studies. Over time, further expansions took place into areas of modern sciences such as Medicine, Technology, Engineering and Allied Health Sciences. Thus, at present, the University conducts a wide portfolio of disciplines and study programmes marking a healthy blend of tradition and modernity.

The journey of sixty years of the University of Sri Jayewardenepura was not without trial and tribulation. There were many attempts to hinder its progress which were overcome, thanks to the fortitude and dedication displayed by the leadership at different points of time, staff, students, and well-wishers. I take this opportunity to express my gratitude to everyone who contributed in numerous ways to bring the University of Sri Jayewardenepura to its current status as a much sought after seat of learning, both locally and regionally.

I also wish to thank Dr. Mangala Fonseka for undertaking to compile **SIXTY YEARS - Our Story** and all those who contributed to its successful completion.

It is my fervent hope that the University of Sri Jayewardenepura will continue to serve the present and future generations of students, academia and society with even greater strength and dedication.



Snr. Prof. Sampath Amaratunge

DR. MANGALA FONSEKA

Dr. Mangala Fonseka, PhD (PIM-USJ); FCMA was Senior Professor and KPMG Endowed Professor in the Department of Accounting, University of Sri Jayewardenepura. He belongs to the first generation of academics of the Postgraduate Institute of Management of which he became Director. In addition to his noteworthy contributions as senior academic, administrator and consultant, he is the author of several well received publications.

SIXTY YEARS - Our Story

It is with humbleness and reverence that I accepted the Vice-Chancellor's invitation to compile this account of the University of Sri Jayewardenepura in its diamond jubilee year.

SIXTY YEARS - Our Story gives the reader an overview of the University of Sri Jayewardenepura as it completes sixty years of service to the nation. Covering a wide range of topics, it opens with a synopsis of its illustrious past followed by descriptions of the what, how and why of the faculties of study, centres, divisions and units and concludes with a chapter on its path ahead.

Flora on the Campus runs through as the underlying theme of this publication. It abounds with images depicting the diversity and beauty of plant life on campus followed by an appendix. The theme epitomizes the sustainability efforts of the University in numerous ways. The term campus, as used herein, denotes the grounds of the university despite its use differently in the Sri Lankan university system. This publication carries several informative appendices as well.

SIXTY YEARS - Our Story serves several purposes. It provides useful information for the benefit of present students and potential entrants, current and prospective employers, local and international higher educational institutions as well as Sri Lanka's policy makers. It will also be interesting reading for the alumni and admirers of the University. Further, owing to important references made to past events the publication serves as a local case study worthy of narration for posterity.

My heartfelt gratitude goes to the Deans of Faculties of Study, the Librarian, Senior Administration, *and* Directors and Heads of Centres, Divisions and Units for their useful inputs.

A special word of thanks goes to Professor Upul Subasinghe for his guidance and support in the study of flora on the campus. Mr. HKSL Akshamal deserves a word of praise for developing an excellent appendix on plants and Mr. MKD Renuka for showing me around the campus and his useful inputs on plants.

I also thank Messrs Chandana Sooriarachchi and Praneeth Patabendige for capturing the beauty of the flora on the campus through their lenses. I am also grateful to Emeritus Professor Sunil Ariyaratne and *Japura Flames* (Students' Photography Association) for allowing me to use a few photographs from their collections.

I also thank Mrs. Hemangani Samarakkody for administrative support. A particular debt of gratitude is due to Mrs. Vishmi Wijeratne for her unflinching and excellent support in editorial co-ordination. My heartfelt thanks are also due to Mr. Carlton Samarajiva and Mrs. Daleena Samara for their invaluable copy editing services. And, Mr. KDS Pulasthi (Design Factory) for his creative designing and desk-top publishing work.

Last, but not least, I thank Senior Professor Sampath Amaratunge, Vice-Chancellor, for his initiative to publish **SIXTY YEARS - Our Story** and his guidance, encouragement and support throughout its compilation.



Dr. Mangala Fonseka

CONTENTS

01

Paying Homage to
Our Founders

03

The Road we Travelled

09

60 Rewarding Years

15

Flora on the Campus

FACULTIES OF STUDY

Faculty of Humanities and Social Sciences	24	Faculty of Technology	48
Faculty of Applied Sciences	30	Faculty of Engineering	54
Faculty of Management Studies and Commerce	36	Faculty of Allied Health Sciences	60
Faculty of Medical Sciences	42	Faculty of Graduate Studies	64

71

Affiliated Institutes

75

Rev. Dr. Medagoda
Sumanatissa Thero
Memorial Library

81

The Administration

RESEARCH AND THE JOY OF DISCOVERY

Research Council	88	Centre of Robotics and Intelligent Systems	112
Centre for Water Quality and Algae Research	92	Apple Research and Development Centre	114
Centre for Advanced Materials Research	94	Research and Professional Development Centre - Department of Estate Management and Valuation	116
Centre for Dengue Research	96	National Centre for Primary Care and Allergy Research	118
Centre for Cancer Research	98	Research Centre for Governance and Public Policy	120
Centre for Kidney Research	100	Centre for Plant Materials and Herbal Products Research	122
Research Centre for Management Studies and Commerce	102	Instrument Centre	124
Multidisciplinary Research Centre	102	Ecosphere Resilience Research Centre	126
Interdisciplinary Centre for Innovation in Biotechnology and Neuroscience	104	Non-Communicable Diseases Research Centre	128
Centre for Biotechnology	108	Centre for Mindfulnessbased Research and Practices	130
Research Centre in Forestry and Environment	110		

Centre for Advanced Forensic Research	132	Centre for Scientific Computing and Advanced Drug Discovery	136
Centre for Marine Science and Technology	134	Research Centre for Geophysics and Geodesy	138

KNOWLEDGE CENTRES OF NATIONAL IMPORTANCE

Innovation, Invention and Venture Creation Council	144	Centre for Evaluation	154
Centre for Gender Equity and Equality	152		

A HOLISTIC UNIVERSITY

External Degrees and Extension Courses Unit	158	Career Guidance Unit	168
Centre for IT Services	160	Staff Development Centre	170
Internal Quality Assurance Unit	162	Japura Media and Web Team	172
Physical Education Division	164		

A UNIVERSITY ACROSS THE WORLD

World Class University Project-USJ	176	Office of International Students	179
------------------------------------	-----	----------------------------------	-----

183

A Home Away
from Home

191

Student Associations

197

The Neighbourhood

201

A Wealth for the Nation

206

Spreading its Wings and
Way forward

APPENDICES

Appendix I: Emblems of the Institution	216	Appendix V: H-Index Values	222
Appendix II: Heads of the Institution	217	Appendix VI: Selected Flora on the Campus	226
Appendix III: Vice-Chancellors (1959-2019)	218		
Appendix IV: Emeritus Professors	220		

ABBREVIATIONS

ARDC	Apple Research and Development Centre
CAFR	Centre for Advanced Forensic Research
CAMR	Centre for Advanced Materials Research
CBT	Centre for Biotechnology
CCR	Centre for Cancer Research
CDR	Centre for Dengue Research
CE	Centre for Evaluation
RCFE	Research Centre in Forestry and Environment
CGEE	Centre for Gender Equity and Equality
CGU	Career Guidance Unit
CITS	Centre for IT Services
CKR	Centre for Kidney Research
CMRP	Centre for Mindfulness-based Research and Practices
CMST	Centre for Marine Science and Technology
CPMHPR	Centre for Plant Material and Herbal Products Research
CRES	Centre for Real Estate Studies
CRIS	Centre of Robotics & Intelligence Systems
CSCADD	Centre for Scientific Computing and Advanced Drug Discovery
CWAR	Centre for Water and Algae Research
EDECU	External Degrees and Extension Courses Unit
ERRC	Ecosphere Resilience Research Centre
FHHS	Faculty of Humanities and Social Sciences
FAHS	Faculty of Allied Health Sciences
FAS	Faculty of Applied Sciences
FE	Faculty of Engineering
FGS	Faculty of Graduate Studies
FMS	Faculty of Medical Sciences

FMSC	Faculty of Management Studies and Commerce
FT	Faculty of Technology
IC-FAS	Instrument Centre - FAS
ICIBN	Interdisciplinary Centre for Innovation in Biotechnology and Neuroscience
IIVCC	Innovation, Invention and Venture Creation Council
IQAU	Internal Quality Assurance Unit
JMWT	Japura Media and Web Team
LMS	Lerning Management Systems
MDRC	Multidisciplinary Research Centre
MOU	Memeromdome of Understaindg
NCDRC	Non-Communicable Diseases Research Centre
NPCCAR	National Centre for Primary Care and Allergy Research
OIS	Office of International Students
PED	Physical Education Division
PIM	Postgraduate Institute of Management
RC	Research Council
RCGG	Research Centre for Geophysics and Geodesy
RCGPP	Research Centre for Governance and Public Policy
RCMSC	Research Centre for Management Studies and Commerce
SBS	Subject Benchmark Statements
SCI	Science Citation Index
SDC	Staff Development Centre
SLQF	Sri Lanka Qualification Framework
UGC	University Grants Commission
USJ	University of Sri Jayewardenepura
WCUP-USJ	World Class University Project-USJ

PAYING HOMAGE TO OUR FOUNDERS



Most Venerable Hikkaduwe Sri Sumangala Nayake Thero (1827-1911)

Pioneer of the Sri Lankan Buddhist revivalist movement, fiery orator, erudite scholar and founder of the Vidyodaya Pirivena, Maligakanda (1873)

This statue, located at the entrance, was erected under the direction of the Most Venerable Welivitiye Sri Soratha Nayake Thero, Vice-Chancellor, Vidyodaya University of Ceylon, and declared open by His Excellency William Gopallawa, Governor General of Ceylon, in the presence of Mrs. Sirimavo R. D. Bandaranaike, Prime Minister of Ceylon, on December 10, 1962.

(A creation of SM Mani, the Indian sculptor)



Most Venerable Welivitiye Sri Soratha Nayake Thero (1897-1963)

Educationist par excellence, erudite scholar, visionary leader and founder Vice Chancellor of the Vidyodaya University of Ceylon.

This statue (left), located on the right of the Sri Sumangala Building, was erected under the direction of the Most Venerable Palannoruwe Wimaladhamma Nayake Thero, Vice-Chancellor, University of Sri Jaywardenepura and declared open on December 10, 1965.

(A creation of Ms. Lily Pieris nee Bandaranayake)

This statue (right), located at the entrance to the premises of the Library and the Faculty of Management Studies and Commerce was erected under the direction of Dr. NLA Karunaratne, Vice-Chancellor, and Senior Professor Sampath Amaratunge, President, Sri Soratha Nayaka Thero Commemoration Committee, and declared open by His Excellency Mahinda Rajapaksa, President, Democratic Socialist Republic of Sri Lanka on July, 17, 2013.

(A creation of Professor Sarath Chandrajiwa, Dean, Faculty of Visual Arts, University of Aesthetic Studies. The requisite funds were provided by Emeritus Professor Sunil Ariyaratne, illustrious alumnus, University of Sri Jaywardenepura and renowned scholar).





*Vidyodaya Pirivena, where it all began
A religious function in progress in colonial times*



THE ROAD WE TRAVELLED

A GLIMPSE INTO THE NOBLE PAST THAT
SHAPED OUR PROUD LEGACY TO THE
NATION



 Most Venerable Hikkaduwe Sri Sumangala
Nayake Thero
Instructing pupils at the Vidyodaya Pirivena (R)



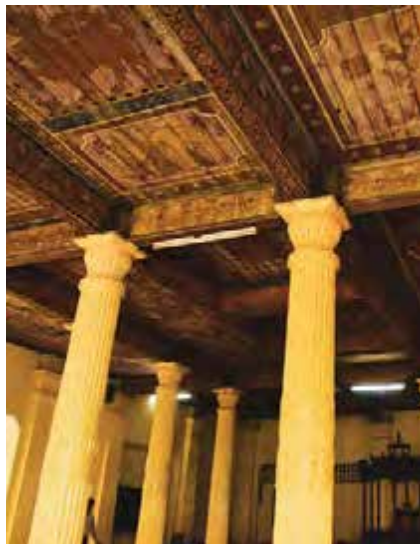
The proud heritage of the University rolls back to 146 years of impeccable service to the island nation; first as the *Vidyodaya Pirivena* for 86 years followed by 60 years as the University of Sri Jayewardenepura. During this period, while responding to a myriad of vicissitudes in the socio-political and cultural landscape of the country, it has emerged as a modern university blended with time honoured practices, traditions and values. In order to understand the University in the correct perspective a glimpse into its past will be of relevance.


The *Vidyodaya Pirivena*, the precursor to the University of Sri Jayewardenepura, was set up in 1873 as a centre for Buddhist and oriental studies by Most Venerable Hikkaduwe Sri Sumangala Nayaka Thero, a renowned scholar monk of the era. Located in Maligakanda, Maradana, on the outskirts of the metropolitan, its objective was to focus on reviving Buddhist education, indigenous arts and sciences, and culture which were in a deplorable state under the British, subsequent to more than three and a half centuries of foreign rule. The *Pirivena* imparted traditional learning in Buddhism; Sinhala, Pali and Sanskrit languages and literature; *ayurveda* (indigenous medicine) and *nakshathra* (astrology) to Buddhist clergy and laymen. It also gained a wide reputation as a training centre for Buddhist monks. Further, whilst producing missionaries and scholars versed in Buddhist studies and indigenous lore the *Pirivena* attracted counterparts from other parts of the world for scholarly engagements. Over time, the *Vidyodaya Pirivena* developed to be a premier seat of higher learning in the island nation, alongside the *Vidyalankara Pirivena*, its sister institution situated in Peliyagoda, Kelaniya. In fact, these two institutions of higher learning were the pride of the nation.

The post-independent Ceylon (since 1948) was marked by a surge for regaining the lost religious, national and cultural identity of the country. This emerged largely from the Buddhist clergy, those educated in the vernacular as well as others who felt betrayed by the atrocities of foreign rulers. The cry for more opportunities for higher education by beneficiaries of free-educational reforms of the 1940s added to the pressure. The latter were largely products of the network of local central schools who were now seeking entry to universities. It was felt in many quarters that a locally based higher educational institution will provide solutions to the emerging needs.

With a new government coming into office in 1956 the momentum intensified further, culminating with bestowing university status to *Vidyodaya* and *Vidyalandara Pirivenas* by Act of Parliament No. 45 of 1958. Consequently, the Vidyodaya University of Ceylon was ceremonially inaugurated on February 18, 1959 at the Independence Square, Colombo 7 in the distinguished presence of the His Excellency Oliver Goonetilleke, Governor General of Ceylon, Hon. SWRD Bandaranaike, the Prime-minister and Hon. Wijayananda Dahanayake, the Minister of Education. Most Venerable Welivitiye Sri Soratha Nayaka Thero, the scholar monk and the former principal of the *Vidyodaya Pirivena* was appointed as its first Vice-Chancellor. Having put up the initial infrastructure with the Sri Sumangala Building as the foci, the University was moved to its present location at Gangodawila, Nugegoda, in November, 1961.

The enactment of the Higher Education Act No. 20 of 1966 brought far reaching changes to the Vidyodaya University of Ceylon. It included enrolling females as internal students (hitherto confined to Buddhist clergy and male students) as well as relaxing the rule of confining the post of Vice



 The splendor of the interior of the main building-Vidyodaya Pirivena



 *Most Venerable Welivitiye Sri Soratha
Nayake Thero*

Chancellor to Buddhist clergy. The Act also introduced greater flexibility to the conduct of academic programmes.

A few years later, the University of Ceylon Act No. 1 of 1972, reduced all universities to campuses of a single University of Sri Lanka. Thus, the Vidyodaya University became Vidyodaya Campus of the University of Sri Lanka to be headed by a Campus President. Subsequently, by the University Act No. 16 of 1978, the independent university status was restored. Thus, the Vidyodaya Campus became the University of Sri Jayewardenepura, after Sri Jayewardenepura-Kotte which became the administrative capital of Sri Lanka.

Towards the latter part of the 20th century, Sri Lanka was quick to embrace neo-liberal economic policies, with its share of implications on the sphere of higher education in the country. The liberalization of trade and commerce, influx of advanced technologies and fusion of cultures gave rise to new challenges and opportunities in higher education, research and industry relations. And, riding on a zeitgeist, the University expanded at a phenomenal rate to become one of the foremost universities in the country as well as the region. It has grown in terms of faculties of study, study programmes offered, scope and depth of subjects taught as well as frontiers of research in an evolving backdrop of infrastructure facilities and technological and ancillary support. Understandably, these developments gave rise to unparalleled contributions to the student community, industry and the society at large.

SIXTY YEARS – Our Story outlines the evolution and status of the university on its diamond jubilee year (1959-2019). It spells out what the University stands for, its activities and selected operational aspects. Based on synthesis of information gathered from faculties of study, divisions, centres and units via literature (print and electronic media) and interviews, this publication provides a comprehensive account of the University as it completes sixty years from its setting up.



Ceremonial Inauguration of the Vidyodaya University of Ceylon-February 18, 1959




*The Administrative Building-University of Sri Jayewardenepura
The nucleus and powerhouse of operations*



60 REWARDING YEARS

A CELEBRATION OF OUR ACHIEVEMENTS
AND DISCOVERIES



 *Growth of a University: Early days (Sri Sumangala and other buildings)(L) to the present (Buildings of the Faculty of Technology)(R)*



The University of Sri Jayewardenepura is one of the largest higher educational institutes in Sri Lanka. With eight faculties of study, a student population exceeding 115,000 (12,000 internal, 100,000 external and 3,000 postgraduate), and an academic staff of 560 (250 with PhDs and 56 professors) it is an embodiment of both modernity and tradition. The University is located in the busy suburban town of Gangodawila, Nugegoda, 15 km away from the metropolitan and five hundred meters to the interior of Wijerama Junction on the Colombo A4, (Colombo-Ratnapura-Badulla) trunk road. Situated on spacious land of 55 acres whose ancestry can be traced to the days of the ancient kingdom of Kotte (15th century AD), the University is presently expanding to nearby townships, Pitipana and Kottawa, where building complexes of new faculties of study (Technology and Engineering respectively) are coming up.

The University is in the forefront in the spheres of education, research, industry engagement and consultancy. In the arena of education it is dedicated to develop holistic graduates endowed with competencies, skills and attitudes for gainful employment and scholarship in a rapidly changing world. This is accomplished through the eight faculties of study, viz. Humanities and Social Sciences; Applied Sciences; Management Studies and Commerce; Medical Sciences; Technology; Engineering and Allied Health Sciences while the Faculty of Graduate Studies functions as the administrative arm in the conduct of postgraduate level study programmes as well as promotion of research. Another landmark achievement is the setting up of a separate entity, the Postgraduate Institute of Management, dedicated to promote postgraduate level education research and consultancy.


The process of education in the faculties of study is supported by the resourceful library, the state-of-the-art laboratories and the numerous



facility centres. Further, the internship/training components which are inbuilt to the study programmes expose students to the world of work while they are still in the University. In the meanwhile, the External Degrees and Extension Courses Unit, with large student registrations, is responsible for the conduct of external degree programmes.

The University provides a conducive teaching-learning environment for students as well as the academic staff. The buildings that house the faculties of study range from the spacious and majestic, compact and functional, state-of-the art to futuristic. Their structures and ambience are reflective of the evolutionary process of the University over the past sixty years. Further, the well-equipped lecture theaters, spacious reading rooms and ancillary facilities provide students with the right environment for serious study. In addition, the many sports and recreational facilities enable students to develop rounded personalities.

The undergraduate, postgraduate and external study programmes conducted by the University comply with the Sri Lanka Qualification Framework (SLQF). They also adhere to Subject Benchmark Statements (SBS) and international norms and professional standards, wherever applicable. Further, the study programmes and the curricula are outcome based with a student-centred approach in their delivery and assessment. Optimal use of modern technology is observed across all study programmes with evaluation based on globally accepted criteria. Further, the study programmes are reviewed periodically in order to align them with contemporary developments in the respective disciplines and the changing needs of the world of work. In addition, a large number of extension courses are conducted by different academic departments that meet the varying needs of the society.

 *Going to the convocation*
General Convocation, 2018 (above and overleaf)



Research, conducted at three levels, is given pride of place at University of Jayewardenepura. Firstly, all its study programmes carry heavy components of research. Secondly, a large quantum of pure and applied research is carried out by the academic staff with the findings appearing in indexed journals. Finally, the special purpose research centres carry out work that are of relevance to industry and society. In the meanwhile, the research conferences organized by the University and the different faculties of study enable dissemination of research findings to potential beneficiaries. The Research Council plays a pivotal role in promoting research within the University.

The University has always campaigned ardently to promote themes of national importance. A few cases in point are Innovation, Invention and Venture Creation; Gender Equity and Equality and Evaluation for which special centres have been set up. In addition, student bodies and associations engaged in a multitude of extra-curricular activities and projects lead to enhancement of soft-skills of students as well as societal development.

The University maintains an intimate relationship with its neighborhood which constitutes a sub-economy by itself. The ensuing relationship, based on mutual understanding, trust and inter-dependence, brings benefits to both parties.

The jewel in the crown of any higher educational institution is its alumni and so it is with the University of Sri Jayewardenepura. Its illustrious alumni ranging from politicians, administrators, scientists, medical specialists, humanists, sociologists to literati bring glory and fame to the university and the country. They make the university proud while motivating it to perform with even greater zeal in the future.

As the University of Sri Jayewardenepura reaches sixty of age, it is determined, even more than ever, to enhance its performance in all frontiers of activity on its journey to become a flagship university in the region.



Royal Palms Drive: The iconic sight where time has stood still



 *The front garden: Ablaze with multi-hued flowers and shade trees*



FLORA ON THE CAMPUS

NATURE PROVIDES A SALUBRIOUS
SETTING FOR LEARNING AT OUR
UNIVERSITY



 *The thick plant cover that embraces the campus*

The University of Sri Jayewardenepura campus is rich in flora with around 400 different species (native endemic and exotic¹) found in its grounds of 55 acres. Herein, the plant cover accounts for 40% of the area which may be as high as 45% excluding the playing fields. According to the University's Department of Forestry and Environmental Science, there are 173 species of big and small trees followed by herbs (84), shrubs (83), creepers (52), ferns (11) and grasses (7).

The flora on the campus offer several benefits. In addition to the normal functions of purifying the air and contributing to the maintenance of the hydraulic and carbon cycles they provide shade, coolness and an aesthetic flavor to the environment. They serve as a soothing balm for the exhausted students and staff engaged in heavy academic pursuits, not to mention the high economic value of selected varieties of flora.

Since the campus had consisted largely of arid land sixty years ago, the present high intensity of flora is truly commendable. The photographic records of yesteryear as well as past employees inform that that the campus had an extensive grove of *hana* plants. However, as of now, it has surpassed many a university in terms of vegetation located in areas of natural tree-cover. First and foremost, the credit for this should go to Most Venerable Welivitiye Sri Soratha Nayaka Thero who took a keen interest to grow a large collection of herbal plants of medicinal value and fruit



trees on the campus. This was followed by the tireless efforts of its past Vice-Chancellors and the curators as well as the worthy initiatives of the Departments of Botany and Forestry and Environmental Science.

The University of Sri Jayewardenepura campus presents a riot of colour during certain months of the year, in particular. Extravagant splashes and spreads of colour are seen everywhere: the flaming red of spreading *mei-mara*, the cascades of bright sunny yellow *esala*, the varied hues of *araliya* and *na* trees with their mix of red, pink, beige and green leaves with thousands of white flowers with orange centres are a worthy sight to behold. They are enjoined by many a tree of different sizes and hues in bloom throughout the year.

The several beautifully landscaped gardens located in strategic points offer a breathtaking view to passersby. For instance, take the front garden with *sunflowers*, *zinnias*, *duranta*, *bougainvillea* and *kuru-esela* against arches overflowing with purple *thunbergia* and golden buttercups which form a picturesque sight in the backdrop of large and spreading *gammalu* trees dotted with golden flowers and *mei-mara* of the red and yellow varieties. Or, the triangular plot of land at the turn to the Bandaranayake Hall where *vishnukranthi*, *codiline*, *rikitha*, *christina*, *koboneela* and different types of foliage and ferns grow. Further, closer to the main entrance and on to the right of the Sri Sumangala Building, the thousands of *ixora* flowers of brick-red colour provide the perfect setting for the imposing *sisu-viru* statute. The lush-green lawn with surrounding trees such as *na*, *araliya*, royal palm and mango of old vintage adds to the beauty of the location.



Extravagant splashes and spreads of colour - *mei-mara*, *esala*, *na* and *araliya*



Flowers and foliage pay homage to Lord Buddha

Trees, bushes, herbs and creepers take an important place among flora on the campus. This is evident in their formations in different locations which is worthy of documentation.

To begin with, as one walks in at the main entrance the iconic sight of the *royal palms* drive comes to sight where the majestic giants stretch in never-ending line on either side of the pathway with pruned *kasa trees*, *ixora* and *foliage* in the middle. At the far end and on to the left, one enters a shady path with a long stretch of well-grown *na* trees on one side and *acasia*, *pihimbia*, *pinus*, *kiripalu* and may other varieties on the other, forming a shady canopy of extending branches. From this vantage point, one can see the fallen cashew tree which had re-grown into a complex branch and root system which offer seating space for a hundred students. And nearby, stands the ebony tree of blackish-green leaves and the black hued bark. A notable feature observed near and far is the different shades of green to brown of different specimens of trees that adore the skyline.

But of more relevant consequence is the *kasa-gas sevena* where generations of students have been assembling and holding meetings on various themes and topics, including those of national significance. It, in a way, has a resemblance to the Hyde-Park corner of London, the nursery of many a public speaker. However, a number of giants got uprooted owing to stormy weather a few years ago which reduced the existing number of trees to about six. And, on to your right, on the slope leading to the medical centre one is enchanted by the view of a delightful little wood consisting of *wal-del*, *dawata*, *madatiya*, *erabadu*, *ettonia* and

rukattana trees. Further up, the road to the Bandaranayake Hall is sheltered by a teak plantation whilst weeping willows stand as sentinels bordering the swimming pool. When they sway to and fro in the wind they offer a delightful sight and a feeling to on-lookers.

The temple quadrangle, bordered by a multitude of *araliya* plants of various hues is another interesting haunt. It is as if the large number of flowering trees and plants laced with a grove of decorative foliage of in one corner pay homage to the serene statute of Lord Buddha and the Bodhi Tree. The bordering pathways, commonly known as *thel-bemma*, form shady canopies with entwining branches and with an undergrowth of flower-beds are a lovely sight, particularly when it rains.



 The spreading *benjemina* (L) and row of *na* trees (*na vetiya*) (R)

Of particular interest are the arboretum of the Sinharaja forest developed and maintained by the Department of Forestry and Environmental Science and the botanical gardens of the Department of Botany. The former, a small patch of land alongside the Department, consists of a collection of species of trees including *etamba*, *kekela*, *karabambara*, *goraka*, *hondapara*, *hora*, *yakahalu dun*, *gal karanda*, *naedun*, *karaw* and *mee*. In contrast, the botanical garden situated in a rectangular area of land close to the Faculty of Applied Sciences consists of a full range of plant varieties: trees, shrubs, creepers, ferns, grasses and aquatic species. Whilst vividly demonstrating the plant diversity in Sri Lanka it also contains seven (*heen keena*, *suwanda*, *uruhonda*, *girithilla*, *hal*, *ruk* and *karaw*) of the 25 endemic species found on the campus. When the skies are overcast and in thick rain both turn out to be deep and dark, a world unto themselves. In

addition, outside the campus, the Department maintains a 100 acre block of land in the *Yagirala* forest reserve which is a typical lowland, tropical and wet evergreen forest. A perfect example for peace, quiet and diversity it is used for education and research and purposes.

The campus is also abundant with fruit trees. For instance, the frontage of the main library building is akin to an orchard with an assortment of fruit trees, viz., *veralu, jumbo, jak, uguressa, rambutan, mango, pera, avocado, amberalla, sepadilla, oranges* and *sour oranges*. Taking a turn and past the row of newly planted royal palms, the Administrative Block comes into sight. There, one is tempted to walk round and marvel at the well-grown *aralu* plant, elegant *sudu sandun* plants, the *na* tree in all its splendour and the majestic *bulu* and *burtha* trees till you end up in full circle at the spreading *mei-mara* tree which is in full bloom in the months of May and June. Or, one can cross the road opposite the Administrative Block and enter the precincts of the External Degrees and Extension Courses Unit which reminds one of a Kandyan homestead garden with a variety of vegetation. With a gigantic *esela* tree as the focal point with an entangling flowering creeper the garden is replete with flowering fruit and trees used for timber. There certainly is a sense of serenity and coolness about the place.

The diversity of flora on the campus is a clear indication of the University's dedication to the conservation of the environment. Though expansion and growth has been a regular feature in the University this has been accomplished in a selective way. It will continue to tread this path as is evident in the setting up of the Faculty of Technology in Pitipana, Homagama and the Faculty of Engineering in Kottawa (areas of land of 20 and 10 acres extent respectively), outside the University. A case in point is the tree planting programme held at Pitipana recently which reminds one of early initiatives in vegetation in the main campus.

SIXTY YEARS – Our Story is dedicated to those who strove to develop and maintain flora on the University campus. Thus, this publication carries images of some of the haunts that are ionic locations on the campus. Let these images be a mark of respect to the untiring efforts of those, past and present, associated with this stupendous task.

The Appendix that appears at the end of this publication contains a sample of the flora found on campus with the Sinhala/ English and the botanical names given under different varieties.

Endnotes

'Native: Observed both in Sri Lanka and overseas; endemic: peculiar to Sri Lanka; exotic: imported and grown.



The rear garden-in all its glory



The gigantic and deep rooted cashew tree-offering flowers, fruit and shade to way-farers, akin to our well established faculties of study



FACULTIES OF STUDY

OUR ACADEMIC CENTRES FOR LEARNING,
TRANSFORMATION AND VALUE ADDITION.

FACULTY OF HUMANITIES AND SOCIAL SCIENCES



Mission

The Faculty of Humanities and Social Sciences is committed to the development of the community and the nation at large through the dissemination and enhancement of knowledge, enriched with the country's cultural heritage.

Evolution

The Faculty of Applied Sciences (FAS) is the successor to the Faculty of Science, the second oldest faculty of study of the University of Sri Jayewardenepura. Having commenced in 1961 with one degree programme the Faculty of Science pioneered the country's science education in the Sinhala medium. Over time, it took a revolutionary path which included moves such as introducing subjects that covered applied aspects of science, enabling students to select subjects from both biological and physical streams as well as giving prominence to teaching and learning in the English medium. These culminated with the setting up of the first Faculty of Applied Sciences which was considered an appropriate growth strategy for a developing country such as Sri Lanka. Today, it has grown to be the largest faculty of science in the country which continues to maintain dynamism and innovativeness as its key themes.

Portfolio of study programmes

FHSS offers three degree programmes, viz. Bachelor of Arts (General) [BA (General)], Bachelor of Arts (Honours) [BA (Honours)] and Bachelor of Science (Information and Communication Technology)]. Currently, 23 degree programmes are offered by FHSS through 14 departments of study³, engaging in 28 main fields of study. In addition to its internal undergraduate degree programmes FHSS offers a three year external degree programme for the benefit of those who fail to gain direct entry to the university as well as several extension courses on specific themes. These are conducted through the External Degrees and Extension Courses Unit. Furthermore, the FMSS offers Postgraduate Diploma, Master's, Master

CONTACT WEBSITE
www.fhsc.sjp.ac.lk

of Philosophy and Doctor of Philosophy study programmes through the Faculty of Graduate Studies.

The list of internal undergraduate degree programmes (in alphabetical order): BA (Hons)(Anthropology); BA (Hons)(Archaeology); BA (Hons) (Buddhist Civilization); BA (Hons)(Buddhist Philosophy); BA (Hons) (Business Statistics); BA (Hons)(Criminology and Criminal Justice); BA (Hons)(Dance and Cultural Studies); BA (Hons)(Economics); BA (Hons) (English); BA (Hons)(Geography); BA (Hons)(Hindi); BA (Hons)(History); BA (Hons)(Information Technology); BA (Hons)(Mass Communication); BA (Hons) (Music and Cultural Studies); BA (Hons)(Pali); BA (Hons)(Philosophy and Psychology); BA (Hons)(Political Science); BA (Hons)(Sanskrit); BA (Hons)(Sinhala); BA (Hons)(Social Statistics); BA (Hons)(Sociology) and BA (Hons)(Teaching English as a second Language).

FHSS takes every effort to enhance the practical orientation of its study programmes while maintaining their academic rigor. Two in-built features of the study programmes stand out in this regard. Firstly, the Independent Study Report that undergraduates prepare under the guidance of supervisors during the final year enhance their conceptualization and research skills. Secondly, the institutional training programme that they participate in the final semester of the degree programme familiarizes them intricacies associated with the world of work. They stand in good stead in their future careers after graduation.



 Alwala excavations



Dean, FHSS


Professor Shirantha Heenkenda, BA (Hons); PGD in Statistics (USJ); MSc. (Kelaniya); MA (GRIPS-Tokyo); PhD (Nagoya) currently hold office as Dean, FHSS. A former Head, Dept. of Economics and Co-chair, Innovation, Invention and Venture Creation Council he has been a consultant and committee member of many projects initiated by the Government of Sri Lanka. Prof. Heenkenda is also an astute researcher in the field of economics with many research publications to his credit.



Dean, FHSS (up to July, 2019)

Professor DPS Chandrakumara, BA (Hons) (Peradeniya); MA(Kerala); PhD(USJ-Uppsala) served as the former Dean, FHSS. His main areas of research include education and human capital, micro-credit, community governance and economic analysis of environmental issues. Prof. Chandrakumara has also published widely and made presentations in conferences, locally and internationally.



 *Field work: Rajagala Project (above)
Examining a human skeleton (above-R)
Museum Exhibition, 2018 (below)*

The student intake and academic staff

Currently, FHSS enrolls around 1,000 students annually for its internal undergraduate degree programmes. In the academic year 2018, it had 3,344 students spread over all four years. Further, the total number of students registered in the external degree programmes exceed 60,000.

The student community is guided by a competent and experienced academic staff of 138 of whom more than half are with the doctoral qualifications. The academic staff includes two Senior Professors and 29 Professors

Facilities

FHSS is continuously engaged in developing both infrastructure facilities and the overall teaching-learning environment. This is made possible particularly via the competitive grants that it has worked towards and has received. A few cases in point include Improving Relevance and Quality of Undergraduate Education (IRQUE), Development Grant for Arts Students (IDAS), Higher Education for the Twenty-First Century (HETC) and Accelerating Higher Education Expansion and Development (AHEAD) aid programmes. With the effective utilization of these funds, the FHSS has been able to improve the quality of the undergraduate programmes in diverse ways, for instance, revising the curricula in collaboration with stakeholders; establishing a centre for undergraduates' soft-skills development, setting up of three IT laboratories and a language laboratory and department-wise resource centres equipped with modern technology.

Other units and centres such as Art Assembly and the Cultural Centre, Modern Languages Unit, Multidisciplinary Research Centre, Centre for Student Welfare and Counselling, Rajagala Archaeological Project and Internal Quality Assurance Cell too contribute to the improving of the quality of education at FHSS.

Research

Several measures have been taken to create an environment conducive



to conduct of high quality research in humanities and social sciences. Among them are establishing a faculty-level research centre, enhancing research infrastructure facilities and organizing an annual international research conference. The FHSS has taken several initiatives to collaborate with many universities around the world both in terms of research and exchange of students. Results of these efforts are already witnessed through the number and quality of student research that have been produced.

Organization

FHSS is headed by a Dean who is ably supported by a team consisting of a Senior Assistant Registrar, Senior Assistant Bursar, Assistant Registrar and other members of staff.



 The English Day Programme, 2017 (above-L)

Launch of the SPARK magazine (above-R)

Backdrop for Literary Awards, 2019 (below)



Way forward

FHSS is continuously engaged in responding to the national needs in the sphere of humanities and social sciences. This involves expanding the scope and the depth of its product portfolio as well as maintaining a healthy research culture. In order to achieve these it has set its sights on furthering the quality of the teaching-learning environment and staff development. These moves are expected to enhance the faculty's standing as the leading centre for research and higher education in humanities and social sciences in the country. Finally, this will enable FHSS to reach its overarching goal of empowering its undergraduates unleash their fullest inner potential and thereby contribute to betterment of society.



Vesak illuminations (above)

Empirical work: A house to house survey (below-L)

Inauguration of International Conference on Pali and Buddhist Studies (below-R)



 Academic Staff-Faculty of Humanities and Social Sciences, 2019

Endnotes

¹Branch of knowledge which investigate human beings and their cultural expressions.

²A plurality of disciplines excluding natural sciences; a science of society.

³The departments (given in alphabetical order): Anthropology; Criminology and Criminal Justice; Economics; English and Linguistics; English Language Teaching; Geography; History and Archeology; Languages, Cultural Studies and Performing Arts; Pali and Buddhist Studies; Philosophy and Psychology; Political Science; Sinhala and Mass Communication; Social Statistics and Sociology

FACULTY OF APPLIED SCIENCES



Mission

To develop globally competent citizens through our education for a sustainable future, drawing inspirations from our cultural heritage and wisdom

Evolution

The Faculty of Applied Sciences (FAS) is the successor to the Faculty of Science, the second oldest faculty of study of the University of Sri Jayewardenepura. Having commenced in 1961 with one degree programme the Faculty of Science pioneered the country's science education in the Sinhala medium. Over time, it took a revolutionary path which included moves such as introducing subjects that covered applied aspects of science, enabling students to select subjects from both biological and physical streams as well as giving prominence to teaching and learning in the English medium. These culminated with the setting up of the first Faculty of Applied Sciences which was considered an appropriate growth strategy for a developing country such as Sri Lanka. Today, it has grown to be the largest faculty of science in the country which continues to maintain dynamism and innovativeness as its key themes.

Portfolio of study programmes

The FAS currently offers 18 honours degree programmes [BSc. (Honours)] of four year duration through 11 academic departments¹ with each department offering at least one degree programme. In addition, the FAS offers a general degree programme [BSc. (General)] of three year duration. This may be extended by one more year with study of additional subjects and completion of an industrial project which will enable candidates to qualify for an honours degree in Applied Sciences (BSc. Honours in Applied Sciences). In addition, FAS conducts ten MSc. Courses and several MPhil. and PhD programmes in selected disciplines through the Faculty of Graduate Studies.

CONTACT WEBSITE
www.fas.sjp.ac.lk

The list of undergraduate degree programmes (in alphabetical order): BSc. Honours in Applied Mathematics; BSc. Honours in Aquatic Resource Management; BSc. Honours in Biology; BSc. Honours in Chemistry; BSc. Honours in Computer Science; BSc. Honours in Environment Management and Forestry; BSc. Honours in Food Science and Technology; BSc. Honours in Industrial Chemistry; BSc. Honours in Mathematics; BSc. Honours in Microbiology; BSc. Honours in Plant Biology; BSc. Honours in Plant Bio-technology; BSc. Honours in Physics; BSc. Honours in Polymer Chemistry; BSc. Honours in Sports Science and Management; BSc. Honours in Statistics; BSc. Honours in Zoology; and BSc. Honours in Applied Sciences.

The curricula of the degree programmes offered by the FAS are designed to address the ever expanding needs and demands of the country. For instance, courses covering applied aspects of science such as Fisheries Biology, Forestry and Geophysics, Statistics, Applied Mathematics and Economics are included in the exiting degree programmes while novel



 A demonstration in progress

study programmes are also introduced from time to time. Further, degree programmes carry a strong practical flavor with in-built components such as industrial placements, work shadowing field trips etc. which provide students with enhanced opportunities for gainful employment.



Dean, FAS

Professor Laleen Karunanayake, BSc. (USJ); PhD (North London) currently holds office as Dean, FAS. A polymer scientist by profession, his research interests include polyurethane nano-composites, polymer composites and blends and use of vegetable oils and their derivatives as an additive in the polymer industry. A former Head, Department of Polymer Sciences he is an astute researcher with wide industry experience and many top level publications to his credit.



Dean, FAS (up to February, 2019)

Senior Professor Sudantha Liyanage, BSc. (USJ); PhD (Cardiff, Wales); MIChemC; MRCS; FPRI.SL held office as Dean, FAS for three consecutive terms. He presently serves as Dean, Faculty of Technology, and USJ. Senior Prof. Liyanage's stewardship as Dean, FAS was studded with many significant achievements and growth of the Faculty.



 Engrossed in laboratory work



The student intake and academic staff

The FAS enrolls around 800 students annually for its undergraduate degree programmes of which about 250 opt to follow special degrees. The current student population in the FAS amounts to nearly 3,000.

FAS is blessed with a large complement of competent and experienced academic staff. Of the 130 member strong academic staff there are more than 100 with doctoral qualification while 12 serve as senior professors and 19 as professors. A considerable a number of staff members have won recognition as leading scientists with several enjoying patent rights for their findings.

Facilities

During the past few years FAS has witnessed an immense growth in infrastructure facilities. The new eight storied building complex is a case in point where four stories have been allocated student use. It consists of state-of-the-art lecture theatres and laboratories, the library, the student centre as well as a roof-top cafeteria. The building complex also houses a spacious board-room with modern facilities. Complete with Wi-Fi among many other facilities, it provides a most conducive learning environment. Further, the existing buildings have been renovated, refurbished and the laboratories upgraded in a phased out manner.

Research

Over the years, FAS has developed a research-intensive outlook and a flair for postgraduate education. FAS is engaged in high quality research despite the restricted facilities available in certain fields. A large number of research papers including some in indexed journals are published annually. In addition, special purpose research centres have also been set up within the FAS by academics with strong research backgrounds. The FAS is also richer by the Central Instrumentation Facility which houses modern instruments and equipment which is available for use by researchers as well as industry.

Organization

FAS is headed by a Dean who is ably supported by a team consisting of an Assistant Registrar, Assistant Bursar and other staff members.

Way forward


FAS has shown a phenomenal growth since its inception in terms of student intake, scope and depth of its portfolio of study programmes as well as infrastructure, laboratory and allied facilities. It has always walked off the beaten path and had taken a host of innovative moves in the



 Poster of an international symposium (above R); Deeply involved with an experiment (below-L); A practical being carried out (below-R)

sphere of tertiary level education. It had also excelled in generating and disseminating new knowledge through intensive research. Moreover, it can be confidently claimed that the honours degree programmes of the FAS are equivalent to or even better than similar degree programmes offered by universities in developed countries. This is evident by the ready acceptance of its students for postgraduate level studies and the staff for post-doctoral research in top universities in countries such as USA, UK, Japan and Australia. FAS will continue to take this path in its quest to be the premier seat of learning in the region.



 Study in groups (L)
With GCE (A/L) students – A societal project (R)

Endnotes

¹The departments (given in alphabetical order): Botany; Chemistry; Computer Science; Food Science and Technology; Forestry and Environmental Science; Mathematics; Physics; Polymer Science; Sports Science; Statistics and Zoology. In addition to the 11 departments, the Genetics and Molecular Biology Unit was recently added to cater to the need for qualified molecular biologists.



 Academic Staff-Faculty of Applied Sciences, 2019

FACULTY OF MANAGEMENT STUDIES AND COMMERCE



Mission

To be the prime centre of excellence in Management Education in South Asia. The Faculty is committed to shaping the minds and hearts while strengthening the hands of value-centred future leaders who will make a global impact.

Evolution

Though the Faculty of Management Studies and Commerce (FMSC) was set up as the third Faculty of Study of the University of Sri Jayewardenepura, its roots can be traced back to the inception of the University, sixty years ago. It was in 1959 that formal management education in the country was initiated by the Most Venerable Welivitiye Sri Soratha Nayaka Thero, through commencement of two management degrees within the purview of the Department of Economics, Business and Public Administration, under the Faculty of Arts. The progressive step of setting up a separate Department of Management Studies was taken in 1968, followed by the formation of a separate Faculty of Study, FMSC, in 1972. By 1973, the FMSC offered four degree programmes, viz. Business Administration, Public Administration, Commerce and Estate Management and Valuation, which had, since then, developed rapidly to be the largest (in terms of study programmes and student numbers) and the most sought after management faculty in the country.

Portfolio of study programmes

FMSC offers a range study programmes comprising of undergraduate, postgraduate and extension courses.

CONTACT WEBSITE
www.mgt.sjp.ac.lk

Undergraduate study programmes

Currently, 12 internal undergraduate honors degree programmes are offered by 12 academic departments covering Management, Accounting and Finance related disciplines. The Business Communication and Legal Studies units as well as the Information Technology Resource Centre (ITRC) provide useful inputs in this task with over 300 different course units offered by the FMSC.

Department	Degree
Business Administration	BSc. Business Administration (Special)
Public Administration	BSc. Management (Public) (Special)
Commerce	BCom. (Special)
Estate Management and Valuation	BSc. Estate Management and Valuation (Special)
Accounting	BSc. Accounting (Special)
Marketing Management	BSc. Marketing Management (Special)
Human Resource Management	BSc. Human Resource Management (Special)
Finance	BSc. Finance (Special)
Business Economics	BSc. Business Administration (Business Economics) (Special)
Decision Sciences	BSc. Operations and Technology Management (Special)
Information Technology	BSc. Business Information Systems (Special)
Entrepreneurship	BSc. Entrepreneurship (Special)

The FMSC adopts a service concept in offering the degree programmes with the undergraduates following a one year common programme with inputs coming from various departments, prior to venturing into specialization from the second year onwards. Even during years of specialization the degree programmes are enriched with selected inputs from other departments. The degree programmes aim at imparting specialized knowledge and developing cognitive abilities, generic skills and right attitudes in students. An important feature of these degree programmes is its practical training component, which may vary between 6 months to 2 years, depending on the nature of the discipline followed. Further, undergraduates are imparted with strong research skills, which they make use of, in their research projects as well as in other assignments. In addition, the array of extra-curricular activities, schemes of professional guidance and community projects contribute to provide a cutting edge to the degree programmes.


The FMSC also offers the following external degree programmes: BSc. Business Studies (General); BSc. Management (Public) (General) and the BCom.(General) through the External Degrees and Extension Courses Unit.



Dean, FMSC

Dr. U Anura Kumara, *BA Econ. (Special) (USJ); PG Dip. So. Stat (USJ); MSc. OR (Moratuwa); PhD (SHU, UK)* currently holds office as the Dean, FMSC. He is a well-versed educator, administrator and economist with academic, research and business experience of over 25 years. Dr. Anura Kumara has held many key positions in the state university system and has represented both the university and the government of Sri Lanka at many international fora. His research interests include Knowledge Economics, Sustainable Development and Spirituality.



 *IT sessions take pride of place (above)
A side-view of the Faculty building (R)
In the aftermath of an action-oriented
workshop (below)*



Postgraduate study programmes

In keeping with the faculty's high quality standing, the FMSC offers postgraduate study programmes ranging from postgraduate diplomas to masters, MPhil and the PhD programme through the Faculty of Graduate Studies.

Extension courses

The FMSC offers 10 certificate programmes and executive diplomas on varied themes through the External Degrees and Extension Courses Unit.

FMSC is constantly engaged in keeping abreast with contemporary developments of the world over. This is attained through the review and upgrading of its study programmes, periodically, in consultation with their stakeholders. Its numerous Memoranda of Understanding's (MOU) with international universities, professional bodies, employer organizations and the industry are of immense benefit in this regard.

The The student intake and academic staff

The FMSC's internal undergraduate student population amounts to a staggering 5,000 approximately. This is apart from all its external learning partners who join in for postgraduate, certificate, diploma and external degree programmes. Further, the current employability rate of its internal graduates has been found to be about 85% at the time of graduation.




The FMSC is blessed with a competent and experienced permanent faculty of 180 and this includes over 70 academics with doctoral qualifications. The prowess in research of the academic staff is demonstrated by the numbers of research publications in indexed journals, presentations made at local and foreign intellectual gatherings as well as accolades received.

Research

There is a strong emphasis on research at FMSC. Research initiatives are promoted and facilitated through its own Research Committee as well as the Research Centre for Management Studies and Commerce. The latter, organized under independent research clusters, provides a platform for collaborative research with the industry and external organizations. It also provides an opportunity for visiting faculty from overseas and postdoctoral fellows to engage in high-end research. Within this environment, the FMSC's research output has been considerable as more than 250 papers have been published during 2018 alone.

As a modern research driven faculty, the FMSC publishes four refereed journals (one by the faculty and three by constituent academic departments). It also holds an annual International Conference on Business Management (ICBM), a semi-annual faculty research symposium and two other annual conferences organized by academic departments where researchers and the industry come together to deliberate on themes of topical interest.



 With a student delegation from Monash University (above-L)

International Conference on Business Management, 2018 (above-R)

A new batch of students- Bandaranayake Hall



Facilities

The FMSC provides a high-end teaching-learning experience to its students and its most recent investment had been to put up a vast range of infrastructure and state-of-the-art facilities for guided, independent, outcome based education within a blended teaching-learning environment. In addition, facilities are now available for the staff to carry out their academic ventures in a comfortable and resourceful environment.

The new wing of the FMSC building complex adds on to the already available facilities with lecture rooms furnished with modern technology and equipment, state-of-the-art computer laboratories, reading rooms and other facilities.



Organization

The FMSC is headed by a Dean who is ably supported by a team consisting of a Senior Assistant Registrar, Senior Assistant Bursar, Assistant Registrar and other staff members.

Way forward

The FMSC is committed to developing competent, emotionally balanced and socially responsible graduates who could make a positive impact in the world of work, both locally and globally. Further, its current attempts to obtain accreditation by the Association of the Advanced Collegiate Schools of Business (AACSB) is a testimony to its dedication to quality, continuous improvement and best practices. As for the future, it will work towards remaining relevant and known through excellence in management education, research, consultancy and community engagement with a global orientation while holding onto the age old values of the University.

 *Signing a Memorandum of Understanding
(above)*

A bi-annual Research Forum, FMSC (below)



 *Academic Staff-Faculty of Management Studies and Commerce, 2019*

FACULTY OF MEDICAL SCIENCES



Mission

To be a centre of academic and professional excellence in providing highest quality human resources, services and conducting the highest quality research on healthcare and to disseminate knowledge.

Evolution

The Faculty of Medical Sciences (FMS) was set up in 1993 as the sixth medical faculty and the first Faculty of Medical Sciences in Sri Lanka. The faculty has progressed rapidly over the years and has become one of the most sought after medical faculties in the country. Although a relatively young faculty of study, its graduates have secured top positions in the common grading list (merit list) of medical graduates of Sri Lanka and have also excelled at postgraduate level studies. Further, the FMS was awarded the status of excellence by the National Quality Assurance Committee of the UGC in the year 2011.

Though, over the years, FMS expanded to offer five undergraduate level degree programmes¹, in January, 2019, UGC approved the establishment of a separate Faculty of Allied Health Sciences. As a result the allied health degree programmes moved to Faculty of Allied Health Sciences (FAHS) and FMS is now responsible for the conduct of two undergraduate level study programmes.

Portfolio of study programmes

FMS offers the Bachelor of Medicine and Bachelor of Surgery (MBBS), BSc. Honours in Human Biology and several Diploma courses such as Counselling, Forensic Medicine and Toxicology.

CONTACT WEBSITE
www.medical.sjp.ac.lk



 *A demonstration in progress*

Bachelor of Medicine and Bachelor of Surgery (MBBS)

The MBBS degree programme is conducted with the participation of 16 academic departments². It is in compliance with the subject benchmark statement of medical graduates as recommended by the UGC as well as that of medical graduates in the UK as recommended by the General Medical Council. The duration of the medical degree programme is 5 years with each academic year consisting of 3 terms and a term running into 10 weeks. An integrated system based on modular curriculum with subject based assessments is adopted. Most academic departments provide module books/log books specifying teaching and learning objectives and content areas to students which are also made available on the on-line Learning Management System (LMS). The state-of-the-art resource centre is complete with IT, Language & Communication and Clinical Skills Laboratories where students are exposed to training in information technology, medical English and Clinical skills during the first two years of the study programme.


Clinical training is provided mainly at Colombo South Teaching Hospital, Sri Jayewardenepura General Hospital, and Homagama Base Hospital. Apeksha Hospital (National Institute of Cancer, Maharagama), National Institute of Mental Health, Angoda and special units of the National Hospital of Sri Lanka are also being used for clinical training. Community Health training is done in the Boralesgamuwa MOH office and Community Based Medical Learning programme, which is a residential posting in a rural area is also mandatory. FMS also provides an extensive training in



Dean, FMS

Senior Professor Surangi G Yasawardene, MBBS; PhD, Chair Professor of Anatomy is the sixth Dean and the first lady Dean of the FMS. Having joined the FMS in 1993 as a probationary lecturer in Anatomy she progressed through the academic path and was elected as the Dean in November 2014. She actively participates in all areas of academia from undergraduate to postgraduate and is a keen researcher who has won many research awards including presidential research awards.



 *A laboratory session
Tropical Medicine Programme for
international students (R)*



Family Medicine at a purpose built modern Family Practice Centre located within the University. It also caters to the healthcare needs of more than 3,500 families in the vicinity of the University at a minimum cost.

All students are trained in research methodology in third and fourth years and they are required to submit a research dissertation by the end of the fourth year. Some students, with the support of their supervisors, present their research work at scientific sessions, nationally or internationally.

Postgraduate study programmes

FMS also offers MPhil and PhD research degrees in all medical subject areas through the Faculty of Graduate Studies.

The student intake and academic staff

Each year a batch of approximately 160 students enter the faculty to follow the MBBS degree programme. Each year about 5-10 students who perform well at the first year of Bio-science degree programmes are enrolled to follow BSc. Honours in Human Biology. The total student strength at FMS is approximately 1,200.

The academic staff consists of 115 members with 7 Senior Professors and 27 Professors.

Facilities

With respect to infrastructure and other facilities FMS has come a long way since its humble beginnings at the inception of the faculty. Having

commenced study sessions in temporary abodes such as the VCs lodge, lecture halls & laboratories of the Faculty of Applied Sciences and upper floors of the library building, the massive building projects, conducted in four stages gradually eased off their difficulties. With simultaneous developments effected in the teaching hospitals, the final phase has left them with a seven storied ultra-modern building complex that is complete with space for administrative divisions, academic departments, Family Practice Centre, medical library and an open cafeteria.

Research

There is strong research culture within the FMS. Academic staff members as well as students have won many national and international research awards. Research collaborations have been established with key international research groups and laboratories³ in order to address national priorities and global issues. Further, special research centres focusing on health priorities have been set up. Research findings of these centres will benefit the people and the health care system in Sri Lanka.

International students

There are several well established programmes where international students are involved.

For instance, FMS has established a student and teacher exchange programme with Faculty of Medicine, Uppsala University, Sweden. Further, students from James Cook University, Australia and Gothenburg University and Uppsala University (Sweden) do their selective programmes in medicine and surgery at FMS. In addition, the international elective programme and Tropical Medicine Programme for international students attract large numbers of foreign undergraduate students from around the world to learn about diseases and services prevalent in a middle income, tropical country.

Organization

FMS is headed by a Dean who is ably supported by a team consisting of a two Senior Assistant Registrars, Senior Assistant Bursar, and other staff members.

Way forward

FMS had set its sights on becoming the best Medical Faculty in Sri Lanka and to be rated as one of the best in South Asia. Its goal is to produce medical graduates who are equipped with the necessary knowledge, skills and attitudes to provide healthcare services in any part of Sri Lanka. In achieving this goal through its vision it had made steady progress,



 *Group study and deliberations*

reaching many a landmark including academic and research excellence and completion of enormous projects to improve the infrastructure of FMS. It will continue to work, with even greater earnestness and dedication, to reach its cherished goal in the years to come.



 Opening Ceremony of new Faculty premises, January, 2018
International Conference on Health Sciences, 2018 (R)

Endnotes

¹Bachelor of Medicine and Bachelor of Surgery; Bachelor of Science Honours in Human Biology; Bachelor of Pharmacy Honours; Bachelor of Science Honours in Nursing and Bachelor of Science Honours in Medical Laboratory Sciences.

²The Departments (given in alphabetical order): Anatomy; Biochemistry; Community Medicine; Family Medicine; Forensic Medicine; Medical Education; Medicine; Microbiology; Obstetrics and Gynecology; Pediatrics; Parasitology; Pathology; Pharmacology; Physiology; Psychiatry and Surgery.

³University of Oxford; University of Cambridge, Harvard University, National University of Singapore; University of Trondheim, Norway; Gothenburg University and Uppsala University, Sweden and James Cook University, Australia.



 *Academic Staff-Faculty of Medical Sciences, 2019*

FACULTY OF TECHNOLOGY



Mission

To become a centre of academic excellence by creating highly innovative and competent graduate technologists to cater to the social and industrial needs.

Evolution

Technology that involves application of scientific knowledge for practical use addresses an important gap in the chain of knowledge creation in the science stream of instruction. A critical factor in transforming the country into a knowledge hub in the region, the government of the day (2013) took meaningful steps to promote the discipline of technology in the country. One such move was to introduce technology as a new stream of study into the national education system. This was followed by the need to develop a career path for those who qualify at the GCE (Advanced Level) examination in the technology stream. In this developing scenario the government, made provisions to establish a Faculty of Engineering and Technology (in its budget speeches of 2014 and 2015) which was subsequently changed to set up two separate faculties.

The University of Sri Jayewardenepura was the first university to address this emerging need of the country by coming forward to set up a faculty of technology. Having presented a comprehensive proposal¹ to this effect, the UGC approved the proposed Faculty of Technology (FT) in November, 2015 and academic activities of FT commenced, thereafter, on January 17, 2017.

Portfolio of study programmes

FOT offers three undergraduate honours degree programmes of four year duration conducted by three academic departments:

CONTACT WEBSITE
www.tech.sjp.ac.lk

Degree offered	Academic Department
Bachelor of Bio-Systems Technology (Honours)	Bio-systems Technology
Bachelor of Engineering Technology (Honours)	Engineering Technology
Bachelor of Information and Communications Technology (Honours)	Information Technology

Bachelor of Bio-systems Technology (Honours)

This degree programme produces skilled graduates in three focus areas, viz. Agriculture and Environment Technology, Industrial Bio-systems Technology and Food Processing Technology. The National Bio-technology Industry Association, Sri Lanka (NBIA) is the accreditation body of Bio-systems Technology study programmes.



 Field visit: Poly-tunnels, Matugama

Bachelor of Engineering Technology (Honours)

This degree programme produces skilled graduates in six focus areas, viz. Energy and Environmental Technology, Mechatronics Technology, Construction and Building Services Technology, Archaeotechnology, Polymer Processing Technology and Automobile Technology. The development of this programme is guided by accreditation manual of the Institution of Engineers, Sri Lanka (IESL), for a four-year degree programme, based on the Sydney Accord.

Bachelor of Information and Communications Technology (Honours)

This study programme produces skilled graduates in three focus areas, viz. Software Technology, Multi-media Technology and Networking Technology.



Dean, FT

Senior Professor Sudantha Liyanage, BSc. (USJ); PhD (Cardiff, Wales); MIChemC; MRSC; FPRI.SL currently holds office as Dean, FT. He was Dean, FAS for three consecutive terms as well as the Acting Dean, FOT from June 2018. Senior Professor Liyanage was also a Post-Doctoral Research Fellow at the University of Wales, Cardiff and University of Ibaraki, Japan. Further, he was Chairman, Royal Society of Chemistry (Sri Lanka Section) (2013- 2014) and President, Institute of Chemistry Ceylon (2018-2019).



 INFOTEL-ICT Exhibition, 2018



The development of the study programme is guided by the Computer Society of Sri Lanka (CSSL).

In all three academic departments, the first year of study is dedicated to provide the undergraduates with necessary knowledge in basic sciences, pure and applied mathematics, and basic computing skills together with the department oriented modules. At the beginning of second year, undergraduates are allocated to their focus areas based on their preferences and performance during the first year of study.

The student intake and academic staff

A batch of approximately 325 students is enrolled annually. With batches in session the total student population at present is 965.

Currently, the academic staff strength is 35 of whom 28 possess the doctoral qualification.

Facilities

FT is presently located at No. 616, High Level Road, Wijerama, Nugegoda. Though a make-shift arrangement, it is complete with lecture halls with modern facilities and laboratories equipped with necessary scientific instruments. In the meantime, an ultra-modern state-of-the-art faculty is being built on a 20 acre land at Pitipana, Homagama at an investment of Rs. 3.1 billion. Away from the hustle and bustle of the city and nestling in the greenery and quiet of a rural setting it offers an idyllic environment for those who wish to engage in higher studies and research. FT will move to its new abode in 2020.

The FT premises in Pitipana, when complete, will consist of an administration building, academic buildings, lecture-halls, laboratories, workshop buildings, a guest house and student hostels. It will house 40 laboratories for use by the three academic departments, for teaching and research purposes under 13 focus areas. The building complex will be endowed with green technologies in order to ensure sustainability of natural resources.

Research

Emerging of a strong research culture is very much in the offing at FT. The academic staff, with strong research backgrounds, are already engaged in high-end research. In fact, several of them have won national and international awards for their work in the areas of technology and innovation. The modern laboratories in Pitipana will provide them with a conducive environment to engage in research together with students under their guidance. FT plans to have fully-fledged research and service facilities in Pitipana within the next five years

Organization

FT is headed by a Dean who is ably supported by a team consisting of a Senior Assistant Registrar/Assistant Registrar, Senior Assistant Bursar/Assistant Bursar and other staff members.



 Field visit: Tea manufacturing and tea tasting



 *Laying foundation stone for the new Faculty complex. Late Chancellor Most Venerable Bellanwila Wimalarathana Thero in picture*

Way forward

The first batch of students of FT is expected to graduate in early 2021. With two more batches already in with a growing interest among prospective students and industry about its study programmes the right environment is already in place for FT to move towards realization of its mission steadily. Undoubtedly, this will be further enhanced by the coming into operation of its new faculty complex, its own abode.

Endnotes

¹*Prof. Kapila Perera and Dr. Ranjan Perera, (University of Moratuwa), Co-Lead Consultants in the establishment of the Faculty of Technology*



 Academic Staff- Faculty of Technology, 2019

FACULTY OF ENGINEERING



Mission

To produce engineering graduates who have the knowledge and the aspiration to become competent Engineers in a wide range of engineering disciplines within the conventional engineering spheres, by offering a curriculum with flexibility to meet the current and emerging needs of the country and the profession, as acceptable to the global community.

Evolution

The Faculty of Engineering (FE) is a recent addition to the Faculties of Engineering in the state university sector. The idea for an engineering faculty at the University of Sri Jayewardenepura emerged in consequence to vision of the then government (2013) to transform Sri Lanka into a knowledge-hub in the region. This envisaged the need to have more engineering graduates for which the budget speeches of 2014 and 2015 made provisions to set up a Faculty of Engineering and Technology. This was subsequently changed to creation of two separate faculties of study for the two disciplines.

The Consultative Committee in Engineering (CCE), with representation from the Institute of Engineers and in consultation with industry lost no time in preparing a comprehensive proposal¹ for setting up a Faculty of Engineering at the University of Sri Jayewardenepura. Attention was paid to develop study programmes that are modern and comparable with those in developed countries. The UGC approval for the proposal was received in December, 2015 followed by commencement of academic activities on November 30th, 2016.

Portfolio of study programmes

FE offers four undergraduate honours degree programmes (four-year duration) leading to the award of the degree of the 'Bachelor of the Science of Engineering' in four specialization areas. The degree

CONTACT WEBSITE
www.eng.sjp.ac.lk

programmes and the academic departments responsible for their conduct are as follows:

Degree offered	Academic Department
Bachelor of the Science in Civil Engineering	Civil Engineering
Bachelor of the Science in Computer Engineering	Computer Engineering
Bachelor of the Science in Electrical and Electronic Engineering	Electrical and Electronic Engineering
Bachelor of the Science in Mechanical Engineering	Mechanical Engineering

In the meanwhile, the Department of Interdisciplinary Studies functions as a service department which is responsible for the delivery of courses in Engineering Mathematics, Management and Humanities.

Selection of students to one of the four fields of specialization takes place at the end of the first academic year. The selection process will be based on the preference and performance of the students during



 Opening of the Faculty of Engineering

the first academic year. A unique feature of the study programmes is the option available for a student to claim for a 'minor' relevant to his field of specialization after successfully completing an approved combination of courses of study. Minors on offer at present include merging of Engineering such as Biomedical Engineering, Building Service Engineering, Environmental Engineering, Data Management and Mechatronics Engineering. This will not only allow an engineering undergraduate to obtain knowledge in an additional area of specialization but also enhance prospects for employment.



Dean, FE

Dr. KMC Konthesingha, BSc. (Eng.) (Hons.)(Moratuwa); MSc. (Moratiwa); PhD (New Castle), former Head, Dept. of Civil Engineering, currently hold office as Dean, FE. His research interests include structural behavior of un-reinforced and reinforced/ retrofitted masonry construction, structural reliability analysis and fire performance of concrete and masonry structures. He has published widely and presented at many local and foreign symposia.



Dean, FE (up to July, 2019)

Dr. SAAM Subasinghe, BSc. (Moratuwa); MSc. PhD (Western Ontario), served as the founder Dean, FE. Currently, Dr. Subasinghe conducts research related to Algorithms, Medical Image Analysis and Machine Learning. He is a US patent holder for some of his work related to algorithms. Dr. Subasinghe also has many publications in top ranking journals to his credit.



 Laboratory sessions



Industrial training is a compulsory and an integral component of the engineering degree programme. The training is implemented in two phases of 12 weeks each, carried out at the end of the fourth semester and sixth semester respectively. This again is a unique feature of the study programmes.

The curriculum of the study programmes meet both national and international standards in engineering education. Nationally, it has been drawn-up in keeping with the requirements of the SLQF and the Institute of Engineers. In addition, the curriculum has been designed in compliance with the international standard for an Engineering Degree Programme, viz. the Washington Accord of the International Engineering Alliance.

The student intake and academic staff

Each year approximately a batch of 120 students enter the faculty. With 3 batches in session the total student strength at present is approximately 360.

Currently, the FE has 35 academic staff members of whom 13 are permanent staff members with the doctoral qualification.

Facilities

FE is presently located at No. 41, Lumbini Avenue, Ratmalana. Though a make-shift arrangement, the faculty is equipped with state-of-the-art laboratories, while more are being designed for to cater for the Engineering Minors. It also has a resourceful library for use by students and

the staff. In the meantime, an ultramodern state-of-the-art faculty is being built on a 10-acre land at Maththegoda, Kottawa, at an investment of Rs 7.9 billion. Set in calm and quiet surroundings, once completed, it will be a haven for those bent on serious study and research. FE plans to shift to its own premises in 2022.

Research


FE is on its way to develop a strong research culture. Quite a number of its academic staff is already engaged in conducting their research and publishing the findings. A few of them have already been recognized with accolades for their work. With the impending faculty complex coming into operation and commencement of student research under the guidance of the academic staff research will take centre stage at FE in the next few years.

Currently, about 10 graduates are following MPhil. degrees in different engineering disciplines under the supervision of academics in FE.

Organization

FE is headed by a Dean who is ably supported by a team consisting of a Senior Assistant Registrar, Senior Assistant Bursar, Assistant Registrar and other staff members.



 A Field visit (L)
Setting an experiment (R)



Emeritus Prof. DA Tantirigoda, Chairman of the Advisory Board to the Vice-Chancellor in the establishment of the Faculty of Engineering and the Faculty of Technology.

Way forward

The first batch of students of FE is scheduled to pass out in early 2021 with two more batches in session at present. The conducive environment that will be available to students in the new ultra-modern building complex and the unique features of study programmes is likely to develop a huge demand for FE's degree programmes. As experienced with other newly introduced degree programmes at the University of Sri Jayewardenepura, FE is likely to develop into a flagship Faculty of Engineering in the nation.



 Signing agreement for funds from ADB for Faculty complex

Innovate Sri Lanka 2019 - Gold and silver award winners (R)



Endnotes

¹*Emeritus Prof. NR Arthenayake, Lead Consultant in the establishment of the Faculty of Engineering.*



 Academic Staff-Faculty of Engineering, 2019

FACULTY OF ALLIED HEALTH SCIENCES



Mission

To provide nationally and internationally accredited undergraduate education and produce qualified and competent allied health professionals possessing social sensitivity and humane qualities.

Evolution

With the growing demand for allied healthcare professionals, a decision was taken by the Council of the University of Sri Jayewardenepura to set up a separate faculty of study to conduct study programmes in the sphere of allied health sciences, a responsibility borne by the Faculty of Medical Sciences for nearly 15 years. In concurrence with approval from the UGC, the Faculty of Allied Health Sciences (FAHS) started functioning as a separate faculty of study from January 27, 2019. The aim of establishing the FAHS was to meet the expanding manpower requirements in the healthcare delivery system both in local and global markets as well as to develop new knowledge in the field of allied health sciences.

With the setting up of the FAHS, three new departments (Nursing and Midwifery; Pharmacy and Pharmaceutical Sciences; and Medical Laboratory Sciences) were formed under Dean, FAHS. Further, the academic and non-academic staff who were previously engaged in the conduct of the study programmes under the Department of Allied Health Sciences were transferred to the new departments. Thereby, a smooth and easy setting up of the FAHS was accomplished.

The FMS continues to extend academic and administrative support to FAHS in conducting its study programmes. This includes selective teaching, providing training, and conducting assessments until the FAHS is fully established. Further, the laboratories, examination unit, library and resource centres that provide IT, Language development and recreational facilities are still shared with the FMS. Further, the FAS, FMSC and FAHS too extend their support to the new Faculty in numerous ways.

CONTACT WEBSITE
www.health.sjp.ac.lk

Portfolio of study programmes

The FAHS currently offers three honours degree programmes of four year duration conducted through three academic departments.

Degree offered	Academic Department
BSc. in Nursing (Honours)	Nursing and Midwifery
Bachelor of Pharmacy (Honours)	Pharmacy and Pharmaceutical Sciences
BSc. Honours in Medical Laboratory Sciences	Medical Laboratory Sciences

Department of Basic Sciences

This Department is involved in teaching basic sciences (Chemistry, Physics, Mathematics, Anatomy, Physiology, Biochemistry, Pathology and Microbiology) related to all the degree programmes conducted by the FAHS. Establishment of the department enables the Faculty to be self-sufficient with respect to courses required to be taught to students.

The degree programmes have been designed in conformity with national and international standards stipulated by the respective disciplines. They also comply with the SLQF and are also accredited by the respective national professional bodies viz. Ceylon Sri Lanka Medical and the Sri Lanka Nursing Council.

The student intake and academic staff

Currently, about 25 students from the Biosciences stream at the GCE Advanced Level are enrolled annually to each of the above study programmes. In addition, five lateral entry students from the Ministry of Health are enrolled to each degree programme in the second year of study. The total student strength at present is approximately 275. The FAHS intends to double the student intake (including lateral entry) with acquisition of necessary resources.

At present, FAHS has 26 academic staff members of whom 12 are with the doctoral qualification.

Facilities

Presently, FAHS is located in the main library building and the Health Sciences Resources Centre, a separate building within the premises of the FMS. In addition to the lecture halls, tutorial rooms, student study areas and staff rooms each Department has its own special facilities. A few examples are the Nursing Skills Laboratory, herbarium, model pharmacy and Microbiology and Hematology laboratory.

It is intended to set up a modern building complex to house the FAHS in a suitable location in close proximity to the teaching hospitals and the University.



Dean, FAHS

Professor DMS Fernando, MBBS, PhD, PG Dip. in Monitoring and Evaluation currently holds office as Acting Dean, FAHS. Having joined the FMS as a pioneer member in 1993 she was promoted to Professor in Physiology in 2009. She served as Head, Department of Medical Education and Health Science (2009 - 2012) when the degree programmes in Allied Health Sciences came under her purview which she takes care of now as Acting Dean, FAHS. Her main research interests include environmental factors affecting reproductive health and medical education.



Research

The three academic departments are engaged in a wide range of research. For instance, the Department of Nursing and Midwifery conducts research on non-communicable diseases, palliative care, quality of life in different settings and partner violence. Research conducted in the Pharmacy and Pharmaceutical Sciences Department include drug discovery from natural sources, synthetic drug development by mimicking natural biosynthetic pathways, ethno-pharmacognostic studies, standardization of herbal drugs and pharmacy practice research (with special emphasis on medication safety and clinical pharmacy). Further, the Medical Laboratory Sciences Department conducts laboratory based research related to Microbiology, Pathology, Dermatology and Clinical Pathology.



Organization

FAHS is headed by the Acting Dean who is ably supported by a team consisting of a Senior Assistant Registrar, Senior Assistant Bursar, Assistant Registrar and other non-academic staff members.

Way forward

The goal of FAHS is to be the nationally and internationally recognized leader in allied health education and research. It is dedicated to produce qualified and competent health-care professionals in the spheres of nursing, pharmacy, medical laboratory and optometry (to be commenced shortly) who will serve humanity with social sensitivity. Further, over time, the FAHS will venture into new disciplines of study as well as postgraduate level work, depending on the societal needs. All this will require infrastructure and other support facilities that FAHS will strive to acquire in order to realize its cherished goal.



A laboratory session (above)

Oaths ceremony of BSc., nursing students (middle)

Assuming duties as Acting Dean, FAHS (below)



 Academic Staff-Faculty of Allied Health Sciences, 2019

FACULTY OF GRADUATE STUDIES



Mission

To produce high calibre professionals with knowledge and skills by designing and providing innovative courses, achieving excellence in teaching, research and scholarship for the well-being of the larger community, both local and global.

Evolution

The Faculty of Graduate Studies (FGS) was established in 1996 under the provisions of the Faculty of Graduate Studies Ordinance No. 3 of 1987. As per the Ordinance, the Faculty is the main administrative centre for promoting research and providing courses of study leading to higher degrees and other academic distinctions. Thus, it plays an important bridging role between the student, the ultimate beneficiary, and the faculties of study/ academic departments which initiate postgraduate level activities.

Responsibilities

FGS is endowed with several important duties and responsibilities pertaining to postgraduate education and research. Firstly, it is responsible for formulating and implementing policy pertaining to conduct of postgraduate courses in the University. Secondly, it administers all the postgraduate study programs offered by the different faculties of study. Administration, herein, covers planning and conduct of the study programmes including assessment activities. Thirdly, FGS conduct its own study and training programmes, workshops, seminars and conferences. Thereby, it contributes to developing a conducive environment for students, staff and researchers to engage in postgraduate level activities.

The FGS conducts its activities through nine Boards of Study¹ established in association with the faculties of study. It has also been able to maintain a wide portfolio of study programmes through its close association with

CONTACT WEBSITE
www.graduate.sjp.ac.lk

policy making authorities², implementing agencies and industry. Further, the international collaborations that it has developed with several reputed universities³ have also been of immense use.

Activities

Activities of FGS comprises of (i) administration of postgraduate study programmes; (ii) conduct of its own postgraduate study programmes, industry focused training workshops and an annual conference; and (iii) provision of services and facilities to postgraduate students.

(i) Administration of postgraduate study programmes

The currently administered postgraduate study programmes are as follows:

The postgraduate degree courses conducted by the nine Boards of Studies of the Faculty of Graduate Studies, viz. Social Sciences, Humanities, Management Studies & Commerce, Medical Sciences, Life Sciences, Physical Sciences, Multidisciplinary Studies, Engineering and Technology are as follows:

Research Degree Courses

These are conducted under every Board of Study.

MA	-2 years (Confined to the Board of Studies in Humanities and Social Sciences)
MPhil.	-2 years
PhD	-3 years

Board of Study in Humanities

Postgraduate Diploma in Writership and Mass Communication	-1 year
---	---------

Board of Study in Social Sciences

Postgraduate Diploma course in Criminology and Criminal Justice	-1 year
Masters in Criminology & Criminal Justice	-2 years

Board of Study in Management Studies & Commerce

MSc. Business Administration/Management (MBA/MSc. program)	-2 years
Postgraduate Diploma course in Marketing Management	-1 years
Postgraduate Diploma Course in Applied Finance	-1 years



Dean, FGS

Senior Professor Manage Pathmalal, BSc. (USJ); MSc. (Japan); PhD (Japan), Chair Professor, Dept. of Zoology currently hold office as Dean, FGS. He is also the Co-Chair of the Research Council and Director, Centre for Water Quality and Algae Research, USJ. Senior Professor Pathmalal counts over 25 years of administrative and research experience. Among his many academic accolades are: Presidential Research Award for several years; Vice Chancellor's Award (2017); and International Award for the Best Professor in Zoology (2017).



Dean, FGS (up to February, 2019)

Senior Professor Hemanthi Ranasinghe, BSc. (Hons.); MSc. (USJ); PhD (Wales); CIBiol. (Sri Lanka), Dept. of Forestry and Environment Science was immediately preceding Dean, FGS. Her tenure as Dean, FGS witnessed significant growth on many fronts in the Faculty. Senior Prof. Ranasinghe's research interests are Silviculture and Plantation Forestry, Biodiversity, Tree improvement and Environmental Assessment, Monitoring and Evaluation. A prolific researcher, she has published widely and presented, both locally and internationally.



Master of Science in Applied Finance	-2 years
PGD / MSc. in Real Estate Mgt. & Valuation	-2 years
Master of Entrepreneurship	-2 years
Master of Professional Accounting (MPAcc)	-1 year

Board of Study in Life Sciences

PGD / MSc. in Fisheries and Aquatic Resources Management	-2 years
MSc. in Food Science and Technology	-2 years
PGD / MSc. in Forestry and Environmental Management	-2 years
MSc. in Science & Technology of Herbal Products	-2 years

Board of Study in Physical Sciences

MSc. in Polymer Science and Technology	-2 years
PGD/ MSc. in Industrial Mathematics	-2 years
PGD/ MSc. in Applied Statistics	-2 years
PGD/ MSc. in Computer Science	-2 years
PGD/ MSc. in Industrial Analytical Chemistry	-2 years
Postgraduate Certificate in Statistics	-1 year

Board of Study in Multidisciplinary Studies

MSc. in GIS & Remote Sensing	-2 years
------------------------------	----------

Board of Study in Medical Sciences

PGD in Monitoring & Evaluation	-1 years
--------------------------------	----------


(ii) Conduct of its own study programmes

(a) Postgraduate study programmes

FGS has always been conducting its own postgraduate study programmes. A few of the currently conducted programmes, which have a considerable demand are listed below:

- Certificate Course in Research Methodology and Scientific Writing
- Certificate Course on Quantitative/Qualitative Data Analysis & Design of Experiments
- Postgraduate Certificate Course in Corporate Environmental Sustainability
- Postgraduate Certificate Course in Integrated Waste Management



 *With a delegation from Australia (above)
Negotiations with a foreign delegation
(middle)
Research Progress Seminar, Board of
Studies for Social Sciences (below)*

(b) International Training programmes

Since 2018, two international training programmes have been conducted successfully.

- 2nd International Training Programme on Terrestrial & Aquatic Wildlife and Primate Conservation (2018)

This was conducted in collaboration with Primate Research Institute, Kyoto University, Japan from November 18-28, 2018 where participants were given an opportunity to visit bio-diversity hotspots and UNESCO protected heritage sites in Sri Lanka.

- A 14 Day Foreign Training for Forestry Personnel (2019)

A delegation of 16 officials from the Ministry of Environment, Forest and Climate Change in India participated in the training conducted successfully from January, 29 – February, 9, 2019.

(c) International Conference on Multidisciplinary Approaches (ICMA)

ICMA, an annual multidisciplinary conference of three-day duration, enables academics, researchers, professionals and policy makers to share and deliberate on themes of national and global importance. Complete with a variety of interesting features, it is organized in collaboration with state and private sector organizations. This, in fact, is the flagship event of the FGS.

(iii) Provision of services and facilities

FGS offers the following facilities to students and researchers.

(a) Interactive and resourceful website

The interactive and resourceful website includes the following:

Information on study programmes, on-line application facilities, course contents and administration via the Learning Management System (LMS); details of student loan schemes and other information of relevance.


(b) IT facilities

FGS has its own computer laboratory with 30 computers. It is equipped with state-of-the-art software and statistical & GIS packages. It is open during the weekdays and on weekends, on request by students.



Terrestrial and Aquatic Wildlife Conservation Training Programme (above and middle)
Training Programme for Indian forestry personnel: Enter the participants (below)



 2nd International Conference on Multi-disciplinary Approaches, 2015 (above)
Students on a field visit (below)

(c) Library facilities

In addition to the main library of the University, FGS has its own library which is open during weekdays and on week-ends, on request by students. It contains on-line and hybrid modes of course instruction.

Output

During the past 22 years (1996-2018) FGS had awarded 174 PhD Degrees, 200 MPhil. Degrees, 131 MA Degrees, 1,475 MSc. Degrees, 509 Master of Business Administration Degrees and 1,657 Postgraduate Diplomas.

FGS has won the Silver Award at the National Convention on Quality and Productivity (2018); and the Commendation from the National Productivity Secretariat (2018).

Organization

FGS is headed by the Dean who is ably supported by a team consisting of a Deputy Registrar, Senior Assistant Bursar, and other non-academic staff members.

Way forward

FGS has made considerable progress in promoting research and offering courses of study leading to higher degrees and other academic distinctions. In this process, it has taken a multi-pronged approach resulting in a diversified portfolio of activities. It will continue in this direction in its effort to produce high calibre professionals to serve locally as well as globally.

Endnotes

¹Humanities; Social Sciences; Life Sciences; Physical Sciences; Management Studies and Commerce; Medical Sciences; Multidisciplinary Studies; Technology; and Engineering.

²National Science Foundation; Ministry of Science and Technology, Central Environmental Authority, etc.

³Queensland University of Technology, Australia; Deakin University, Australia; University of Western Australia; University of Calgary, Canada and Kyoto University, Japan.



 Board of Graduate Studies, 2019



Trees and creepers that live in healthy co-existence



AFFILIATED INSTITUTES

TAKING LEARNING BEYOND THE
UNIVERSITY

POSTGRADUATE INSTITUTE OF MANAGEMENT



Vision

To become a centre of management excellence in South Asia

Mission

We ignite human imagination by developing leaders with global presence with local pulse. In this endeavour, we pursue innovative teaching, cutting-edge research, enriching partnerships, inspiring sustainability and exemplary governance.

The Postgraduate Institute of Management (PIM) is a self-financed and semiautonomous body affiliated to the University of Sri Jayewardenepura. Located in its own modern and spacious building complex in Borella, Colombo 8, it is the only postgraduate institute dedicated to management studies in Sri Lanka, and the largest among the eight postgraduate institutes in the country. Further, PIM is ISO 9000:2008 certified and is currently working towards accreditation by the Advanced Collegiate Schools of Business (AACSB), the premier global accreditation body in higher education.

Successor to the Division of Postgraduate Studies set up at the University of Sri Jayewardenepura in 1981, the PIM was created in 1986 by an Ordinance under the University Act No. 16 of 1978. It was first located at Sri Saranankara Road, Dehiwala and was subsequently shifted to its present premises in 1995. The PIM has grown by leaps and bounds over the years and is currently with a global presence with study groups established in several cities in the Middle East and Dhaka, Bangladesh. During its three decades of existence, the PIM has produced over 300 Chief Executive Officers, 3,000 senior managers and 30,000 trained professionals.

The PIM aims to promote advanced education and professionalism in management studies in Sri Lanka through providing postgraduate instruction, training, research and development in the various branches of management and administrative studies. Today, it serves the national interests of professional management education and training and provides challenging opportunities for learning and skill development to thousands of senior level managers in becoming the 'nation's management mentor'. In all its activities the PIM is driven by three key values, viz. Passion (enthusiasm and eagerness towards achieving results); Integrity (acting in an ethical manner in the best interest of the Institute) and Mindfulness

CONTACT WEBSITE
www.pim.sjp.ac.lk

(paying attention to purpose and self-awareness in doing things).

The PIM offers a wide range of study programmes in the areas of business and public administration. The Master of Business Administration (MBA), is its core product that is replete with a range of andragogy based interactive class-room sessions, supervisor-guided research, skill development sessions, directed study and residential workshops. In contrast, the Master of Public Administration (MPA) study programme caters to the knowledge and skill requirements of executive level officers of the public sectors which is offered in the blended-learning mode with the involvement of regional centres (Jaffna and Trincomalee).

The PIM also conducts a doctoral study programme which offers the PhD in Business Administration as well as the PhD in Public Administration. It is strengthened by the presence of PIM's vibrant research centre with a working relationship with the Canberra Campus of the University of New South Wales, Australia. Among the other programmes on offer are MBA in Taxation, MBA in Customs and International Trade and the Executive MBA (EMBA). Further, there are study groups in Dubai (UAE), Doha (Qatar), Muscat (Oman), Kuwait City (Kuwait) and Dhaka (Bangladesh) who follow the MBA programme of PIM through a blended-learning mode.

The Sri Lankan Journal of Management (SLJM) is the PIM's flagship research publication that has been the longest serving management journal in Sri Lanka (since 1996), and the only local management journal included in the EBSCO international on-line database. It also publishes the Professional Manger, for the benefit of practicing mangers. The PIM also takes pride in conducting client-focused training for employees of organizations in its efforts to be a working partner of the business community. The client organizations include both public and private sector institutions engaged in manufacturing and service sectors (banking, finance and insurance). The demand for these Executive Development Programmes (EDPs) have always been on the increase owing to the continuous improvement in quality of contents and delivery.

The PIM also conducts international management programs of approximately two weeks duration mainly for the public sector, in collaboration with leading universities in Australia, Germany, Hong Kong, Indonesia, Japan, the Netherlands and Thailand. The PIM has been a pioneer and path-breaker in postgraduate level management education and training in Sri Lanka. It has established itself as a fully-fledged institute of postgraduate studies over a relatively short period of time. The University of Sri Jayewardenepura takes great pride in the accomplishments of its sibling. Likewise, PIM is committed to collectively create the future and carry forward the values and legacy of the University of Sri Jayewardenepura.




Director, PIM

Professor Ajantha S Dharmasiri, BSc. Eng. (Moratuwa); MBA; PhD (PIM-USJ); CEng.; MIE (SL) currently holds office as Director, PIM. An AMDISA doctoral fellow and a Fulbright Postdoctoral Fellow, he serves as Adjunct Professor, Price College of Business, University of Oklahoma. An accomplished academic, strategy consultant, corporate trainer and author, Professor Dharmasiri is the Immediate Past President, Chartered Institute of Personnel Management (CIPM), Sri Lanka, and was Vice President, Asia Pacific Federation of Human Resource Management (APFHRM).



Bala Mahalingam Centre for Studies and Research
ബാലാ മഹalingam പഠന കേന്ദ്രം


 The orchard with the library building in the backdrop: Fruit for thought



**REV. DR. MEDAGODA
SUMANATISSA THERO
MEMORIAL LIBRARY**

A WEALTH OF INFORMATION RESOURCES
FOR EFFECTIVE TEACHING, LEARNING
AND RESEARCH



 A close-view of the library building (above)
READ where books just returned are kept
(below)

Evolution

The three main pillars of a university viz. teaching, learning and research rests, on the foundation of a resourceful library. So it is with the University of Sri Jayewardenepura. The roots of its library goes back to the early days when the Library of the Vidyodya University was located on the upper floor of the Sri Sumangala Building which comprised largely books acquired from the *Vidyodaya Pirivena*, Maligakanda as well the enviable private collection of books of the Most Venerable Welivitiye Sri Soratha Thero. Later, with the university becoming the University of Sri Jayewardenepura the library was renamed after its new name. It had by then begun to carry books in diverse fields such as science and management which were previously confined to Buddhism and oriental studies.

With the rapid expansion of the University, the need arose for a separate library building. Accordingly, having put up a modern and spacious building, the library was shifted to its present location on February 18, 1988. The library continued to grow over the years in terms of resources and facilities provided until a massive library modernization project was undertaken in 2012. This included renovation and refurbishment of the library as well as bringing many new features that are commonly observed in universities in the developed world. Further, May 2, 2017 witnessed its renaming as Reverend Dr. Medagoda Sumanatissa Memorial Library after a former Chancellor of the University.

An overview

The library consists of more than two hundred and fifty thousand volumes and hundreds of scholarly journals as well as electronic data bases. They cater to the diverse needs of the eight faculties of study as well as other areas of general interest. Further, the main library is supplemented by three branch libraries that cater to specific needs of the Faculties of Medicine, Technology and Engineering. The readership of the library and its branches exceeds 15,000 serviced by a dedicated team of 13 academic and 66 non-academic staff members.

The library carries a wide range of electronic databases. In addition to those received through CONSAL (Consortium of Sri Lankan Academic Libraries) viz. Emerald, Taylor & Francis and Oxford University Press, the library subscribes to JSTOR, Reserach4life and Scopus with a view to cater to the diverse needs of the users. Further, the Scholar Bank (digital library) provides access to full-text versions of academic journals published by the University of Sri Jayewardenepura and the research articles of its academic staff members.



A view from the foyer

The continuously updated webpage of the library (www.lib.sjp.ac.lk) presents information on the services and facilities provided by the library. The electronic resource collection of the library includes full-text electronic journals, electronic books, full-text and bibliographic databases, electronic news, reference resources, supplementary readings and past examination papers. Further, most of them are easily accessible through the Online Public Access Catalogue (OPAC).

A few special features:

The Ceylon Room: Coming from the early days it contains a valuable collection of works of Sri Lankan authors, material about Sri Lanka and theses and dissertations produced by students. A recent addition is the rare palm-leaf collection gifted by generous individuals which comes under a project for conservation and preservation of our ancient heritage.

Interactive study area: A recent addition, it contains 40 computers which are arranged on specially designed triangular shaped movable tables. Gadget corners are kept in the far ends of the lobby for those who wish to do a quick browsing of material. The kiosk with touch screen puts up notices and announcements and also provides a large screen for browsing OPAC.

Attractive ambience: With the recent refurbishments the library offers a most conducive reading-learning environment. The posters that promote reading, multifunctional furniture (colorful chairs, movable, rotational racks and tables), court yards with natural lighting and ventilation, foliage and the Café Corner add to its richness.




Librarian

Dr. Nayana Wijayasundara, BSc. Chem Eng. (Moratuwa); MLIS (Colombo); PhD (Malaya, Malaysia) currently holds office as Librarian. She counts over 25 years of experience in academic librarianship and had been the recipient of many scholarships and fellowships including Commonwealth Postgraduate Scholarship, UNESCO Keizo-Obuchi research fellowship and IFLA/OCLC Early career development fellowship. Dr. Wijayasundara has also published widely in local and international journals. She is the current President of the Sri Lanka Library Association.

CONTACT WEBSITE
www.lib.sjp.ac.lk



 *Interactive study area (above)
Periodicals section (below)*

Services provided

- Open source library management system (KOHA) provides remote renewing facilities with the facility to input catalogue entries in Sinhala without transliterating;
- The research support division facilitates students and staff in search of literature, retrieval of information, and referencing. Assistance is provided in the selection of best journals based on established criteria as well;
- The document delivery service supports above by attempting to fulfill 100% of the requests for journal articles by obtaining services of BLDS (British Library Document Delivery Services) through the CONSAL;
- The Inter Library Loan (ILL) service enables users to request for books, journals or journal articles from sources outside the library. The request form that is available in the library website has to be used for this purpose;
- In the Wi-Fi enabled environment, the library allows students to use either laptops lent by the library (first University in Sri Lanka to render this service) or work on their own equipment. SMS alert service is another initiative provided to users via the transmitting of notices, upcoming events etc.
- The refurbished open reading room provides the users with a 24 x 7 service reading or study;
- The library maintains extended opening hours from 5 am to 10 pm;
- The English Learning Zone provides opportunities for students to develop their English Language skills as well as engage in reading as a leisure activity. The staff of the Department of English Language Teaching conducts collaborative programmes in this regard;
- The tri-annual newsletter of the university, Savindu, is published under the co-chief editorship of the librarian;
- The User Education Unit supports students and readers in using and exploiting printed and electronic resources. It conducts orientation programmes for the benefit of new students in which library resources, services and facilities are explained. Specialized programmes on Information Literacy and hands-on practical sessions on electronic resources are also conducted;

- Provides photocopying and other secretarial facilities;
- Engages in outreach services for the benefit of temples and libraries in other institutions; and
- Implements the concept of human library to coincide with special occasions;

Further, senior staff of the library extends their expertise to the development of library and information science in the country by holding responsible positions in professional associations.

Way forward

Among the future plans, the main focus will be the addition of a state-of-the-art reading room with facilities such as learning commons, a theater, individual study carrels, discussion/ interview cells, informal seating arrangements, laptop and mobile charging units etc. Setting up of a fully furnished auditorium with individual study units for researchers and other facilities is also on the cards which will make the library a place for everyone. In essence, the library of the University of Sri Jayewardenepura will be further developed to be a mix that makes use appropriate modern technology whilst retaining the best features of a traditional library.



 Staff of the Library, 2019



Ebony tree set in a backdrop reminiscent of symmetry, systems, processes and order



THE ADMINISTRATION

THE WHEELS OF OPERATION IN MOTION

Registrar, USJ



Mr. K Gnanasiri Britto, BLE (Colombo); PGDip. Mgt (Vayamba); MA (Kelaniya), currently holds the position of Registrar of the University. He counts over 22 years of varied experience in the university system. Having joined as an Assistant Registrar (1996), he served as Assistant Registrar, Moratuwa (2001-2010), Deputy Registrar, USJ (2010-2012) before being appointed as Registrar, USJ in February, 2012.

University of Sri Jayewardenepura, as every other state university in Sri Lanka, is a gigantic and complex operation constituting a well-defined structure, lines of command and job specifications. A brief sketch about its senior management follows:

The Chancellor, appointed by HE President, shall be the Head of the University, and shall preside at any convocation of the University.

The Vice-Chancellor, appointed by HE President, shall be the principal executive officer of the University and further, the principal academic officer with the Deans of the Faculties of Study reporting to him. He shall also be an ex-officio member and Chairman of the Senate of the University. In addition, he is the Chairman of the University Council who reports to the University Grants Commission, the regulatory and policy making body for the state university system in Sri Lanka.

The Registrar shall be responsible for the custody of the records and the property of the University. Further, he serves as the ex-officio secretary of the Senate and the Council of the University. He shall also be the Assistant Accounting Officer of the University. Further, he shall, subject to the direction and control of the Vice-Chancellor, be responsible for the general administration of the University and the disciplinary control of its non-academic staff. In this task he is assisted by a team of Deputy/ Senior Assistant/ Assistant Registrars to whom managing of different subjects of administration are assigned.

The Bursar shall, subject to the direction and control of the Registrar, be responsible for the administration of the finances of the University and maintain its accounts in such form and manner as may be prescribed by rules and also have the custody of funds of the University. In this task he is assisted by a team of Deputy/ Senior Assistant/ Assistant Bursars to whom different aspects of managing finances are assigned.

In addition, the internal audit function is also in operation with the internal auditor reporting to the Registrar.

At the faculty level, the office of the Dean co-ordinates all academic and administrative activities of the Faculty of Study under him. A Senior Assistant Registrar or Assistant Registrar is appointed to assist all administrative work including all matters regarding the non-academic staff, registration of students, examination work and secretarial work. The main task of the office is to provide the administrative mechanism required for co-ordinating the departments and degree programmes. Also it is responsible for programme scheduling, co-ordinating, academic advising and maintaining student records. In the meanwhile, the Senior Assistant

Bursar or the Assistant Bursar attached to the Faculty helps the smooth functioning of the finance and supplies activities under the delegated authority.

Each Faculty of Study consists of Academic Departments which are led by Heads of Departments who report to the Dean of the Faculty of Study. Each Academic Department consists of an office run by a small staff who function as the interface with the student community.

The composition of the current senior administrative staff at the University of Sri Jayewardenepura is as follows:

Senior Management (Non-academic)

Category	No.
General Administration	
Registrar	1
Deputy Registrars	6
Senior Assistant Registrars	5
Senior Assistant Registrar (Legal and Documentation)	1
Assistant Registrars	8
Managing Finances	
Bursar	1
Deputy Bursars	6
Senior Assistant Bursars	5
Internal Audit	
Deputy Internal Auditor	1

The administrative mechanism of the University is akin to a well-oiled machine, though largely hidden from visibility, which is responsible for the effective and efficient functioning of the University.

Bursar, USJ



Ms. Chamila Priyangani, BSc. (Accountancy and Financial Management) (Special); MBA; FCA; ACMA, currently holds the position of Bursar of the University. Having served the private and state sectors for over 15 years she joined the University of Sri Jayewardenepura in 2017. The University has won several awards in the area of Financial Management and good governance under her stewardship as Bursar.



 Senior Administration Staff, 2019

The Senate of the University, 2019



The Council of the University, 2019



a L to R (Seated): Prof. PJ Kumarasinghe (Senate Representative); Snr. Prof. Sudantha Liyanage, Dean Faculty of Technology; Snr. Prof. Surangi Yasawardene, Dean Faculty of Medial Sciences; Dr. U Anura Kumara, Dean Faculty of Management Studies and Commerce; Prof. Shirantha Heenkenda, Dean Faculty of Humanities and Social Sciences; Snr. Prof. Sampath Amaratunge, Vice-Chancellor; Rev. Dr. Pallegama Rathanasara Thero, (Council Member); Snr. Prof. Laleen Karunanayake, Dean Faculty of Applied Sciences; Snr. Prof. MM Pathmalal, Dean Faculty of Graduate Studies; Dr. KC Konthesinghe, Dean, Faculty of Engineering; Snr. Prof. M Vidanapathirana (Senate Representative); Mr. KG Britto, (Ex-Offico) Registrar.
 L to R: (Standing): Mr. Nishadha Gamage (Council Member); Mr. Thisath Dewapriya Bandara Wijayagunawardane (Council Member); Prof. MOA De Soyza (Council Member), Prof. RL Jayasekara, (Council Member); Mr. Ashoka Hettigoda (Council Member); Dr. AM Mubarak (Council Member); Prof. Thakshila Serasinghe (Council Member); Mr. Edwin Karunasena Ganihigama, (Council Member); Mr. G Chamindra de Silva; Prof. DTB Tennakoon (inset-deceased)



The woods are lovely, dark and deep (Robert Frost): To be explored and discovered



RESEARCH AND THE JOY OF DISCOVERY

THE SEARCH FOR NEW KNOWLEDGE FOR
THE BETTERMENT OF MANKIND

RESEARCH COUNCIL

Mission

To foster research and development in the University via creating an enabling environment for the research community through widening access to funds and infrastructure while nurturing of partnerships with stakeholder institutions that would give lead to excellence in research and, in turn, enhance environmental, social and economic well-being of our peoples.



 *The Research Rewards Ceremony, 2015*

The Research Council (RC) of the University of Sri Jayewardenepura, was set up in 2016 to revitalize the research function within the University. It is actively engaged in facilitating conduct of high quality research; funding and monitoring of research centres; dissemination of research findings; and recognizing noteworthy achievements of researchers. With the introduction of a robust structure and necessary systems, it has replaced the previous Research and Publications Unit with a view to work on a wider scope and to develop a strong research culture in the University.

The RC is involved in the following specific functions:

- Promote high quality research that cater to national and global requirements
- Streamline the process of research within the University
- Enhance general skill levels of potential researchers
- Set up, facilitate and monitor activities of research centres
- Facilitate dissemination of research findings
- Facilitate research through collaboration with external organizations
- Promote industry linkages and research based consultancies
- Develop a network with local and international research institutions

- Promote high quality research among students
- Recognize excellent work of research, and
- Contribute to develop a strong research culture within the University.


The RC is accountable to the Council via the Senate of the University. It consists of an Executive Chairperson (Vice-Chancellor), two Co-Chairpersons (Professors with strong research backgrounds), a General Secretary and an Advisory Board consisting of senior academics as well as members of senior management, with some are ex-officio and others elected.

The RC develops an annual plan for research which is implemented at two levels: (i) Grants provided to individuals (research grants; overseas travel costs and journal publication expenses) are operationalized via faculty level Research Committees; and (ii) Activities of research centres are managed by Boards of Management headed by Directors appointed for the purpose. Compliance of the research activities with the annual plan is ensured by the numerous control measures that are in place.

The Research Awards Ceremony of the University is a much sought after annual event conducted under the auspices of the RC. At this event outstanding achievements in research are recognized under 16 categories. In addition, an undergraduate research day, conducted at faculty level, promotes undergraduate level research activities.

The newly established system for research administration, the brainchild of Professor Sampath Amaratunge - the incumbent Vice-Chancellor, has yielded rich dividends. For instance, there are currently 25 research centres working on a wide range of themes, with more centres coming up. The developments that are taking place will undoubtedly take the University to new heights on the frontiers of research.



 Capturing different moods at the Research Awards Ceremony, 2017

Executive Chairman, RC-Senior Professor Sampath Amaratunge



Co-Chair, RC

Senior Professor Manage Pathmalal, BSc. (USJ); MSc. (Japan); PhD (Japan), Chair Professor, Dept. of Zoology, USJ currently holds office as Co-Chair, RC, in addition to discharging responsibilities as Dean, FGS and Director, Centre for Water Quality and Algae Research. In addition to being a prolific researcher with a numerous high profile publications he has displayed his prowess in the area of administration too. This is exemplified by success of the Research Council where his contribution has been enormous.



Co-Chair, RC

Professor Pradeepa Jayawardane, MBBS (Colombo); PhD (Peradeniya), Professor in Pharmacology, USJ currently holds office as Co-Chair, RC. She is the recipient of Young Investigator Award from European Association of Poison Centres and Clinical Pharmacologists (2012); CNAPT Award from Sri Lanka Medical Association (2008); Macromedix Travel Award from North American Association of Clinical Toxicology (2006), and Presidential Awards for Research. As Co-Chair, RC she has taken a keen interest in the area of policy making in research management in the University.



Secretary, RC

Dr. AR Ajward, BSc. Accounting (Special); FCA; FCMA MBA (Japan); PhD (Japan), Senior Lecturer, Dept. of Accounting, USJ, currently holds office as General Secretary, RC. He is also the Co-ordinator of the Master of Professional Accounting Degree Programme, USJ. A prolific researcher, Dr. Ajward has published widely in indexed journals and presented in international symposia. He is the Chief Editor of CA Journal of Applied Accounting of the Institute of Chartered Accountants of Sri Lanka.



 *Members of the Research Council, 2019*

CENTRE FOR WATER QUALITY AND ALGAE RESEARCH

FACULTY OF APPLIED SCIENCES




Director, CWQAR

The CWQAR is currently headed by Senior Professor Manage Pathmalal, BSc. (USJ); MSc. (Japan); PhD (Japan), Chair Professor, Dept. of Zoology, USJ. His research interests are: Eco-toxicology and aquatic toxicology; application of microbes to remove xenobiotic; bio-stimulation and bio-augmentation applications for environmental pollutants. Prof. Pathmalal, together with his research team have pioneered both rapid and robust detection methods for Cyanotoxins and their removal from drinking water. Senior Professor Pathmalal has many path-breaking publications to his credit.

CONTACT WEBSITE
<http://research.sjp.ac.lk/cwar/>



 Analytical work in the laboratory

Water quality management is imperative for ecologically sustainable development of the country. This involves determination of water quality, identification of sources of pollutants and finding solutions to overcome pollution of water. The University, having realized the need for a national water quality management strategy, set up its Water Quality and Algae Laboratory within the Department of Zoology in 2011 which was upgraded to Centre for Water Quality and Algae Research (CWQAR) in 2015.

Working on a mission, 'Promote water quality research and strengthen facilities to enhance research support to postgraduate students, other researchers and scientists to find solutions to the water quality problem', its main functions are to study surface and ground water quality and give solutions for existing algae and Cyanotoxins related problems in drinking water and in the aquatic environment in line with the exploitation of their biosynthetic capabilities.

On-going research at the centre include:

- Study of the effect of the Cyanotoxins on Chronic kidney diseases of uncertain aetiology;
- Effects of catchment characteristics, anthropological activities and industry discharges on ground and surface water quality in the Kelani River basin: Technological approaches to industrial waste water treatment;
- Cyanotoxins related studies and solutions for drinking water facilities;
- Research studies on detection and solution for odour and taste forming compounds in drinking water;

- Isolation and characterization of selected veterinary and health impact anti-biotic resistant bacteria and their prevalence in sediments and water;
- Development of method to detect Cyanotoxins as a cost effective molecular method;
- Use of micro and macro algae for the pharmaceutical industry; and
- Detection of bioremediation of carcinogenic xenobiotic chemicals in aquatic environment

In the initial stages, research at the centre were funded by the University of Sri Jayewardenepura, National Research Council, National Science Foundation and National Water Supply and Drainage Board. With the auspices of the Research Council of the University it is now in possession of a state-of-the-art laboratory which can cater to high-end post-graduate and post-doctorate level research. The centre currently maintains research collaborations with a number of local institutions (Medical Research Institute, Irrigation Department, National Water Supply and Drainage Board, Ministry of Mahaweli Development, United Nations Development Programme and International Water-Management Institute) as well as foreign bodies (Robert Gordon University, UK; Research Triangle Institute, USA; Ehime University, Japan; University of Maine, USA; York University, UK; Salmonella and Shigella Laboratory, Thailand and School of Agricultural and Life Sciences, University of Tokyo).

The outputs of the centre are many and varied. There is a steady outflow of research findings which finds its way to reputed journals as well as symposia, both local and international. The centre, through its research pursuits, contributes to formulation of national level strategies and policies, setting of standards on the water quality, creating awareness among the general public on water related matters as well as conducting international conferences on selected themes that are of relevance to policy makers, managers and researchers.



 *With international experts (above)*

Group photo in the aftermath of a workshop (below)

CENTRE FOR ADVANCED MATERIALS RESEARCH

FACULTY OF APPLIED
SCIENCES



Director, CAMR

The CAMR is currently headed by Dr. KM Thilini D Gunasekera BSc. (Col.); PhD (Bowling Green Ohio, USA), Senior Lecturer, Dept. of Polymer Science, USJ. Her research interests are: Smart materials (materials reactive to light, heat, mechanical energy, pH etc.); absorbing material: oil-sorber (absorbing polymers), hydrogels (agricultural applications, sanitary products, etc.), surfactants and green polymers. She has also published widely in indexed journals.



 University signs MOU with MAS

Advanced materials technologies have conjured up speculation about a seismic shift in almost every aspect of science and technology. They have already made inroads into our lifestyles through innovations leading to methodologies that generate cleaner energy, purer water, smarter materials, faster and cheaper manufacturing processes as well as the next generation computing devices. A case in point is nanotechnology which promises more for less: smaller, cheaper, lighter and faster devices with greater functionality. This has resulted in a global research focus on the development of advanced materials for industry via fundamental and applied research through a multidisciplinary approach. Through setting up of the Centre for Advanced Materials Research (CAMR) the University contributes to this growing discipline of importance.

The centre has several aims. Firstly, it focuses on advanced materials research in order to uniquely add value to our science and technology output. It will also enable our graduates to be on par with those qualifying from top-rated universities in this growing area of study. Furthermore, it will develop a pool of talent required for implementing an 'innovation driven knowledge based economy model' for a smarter nation.

CONTACT WEBSITE

<http://research.sjp.ac.lk/centre-for-advanced-materials-research/>

Driven by the mission, 'To establish an innovative arena for advanced materials research in Sri Lanka', it is committed to:

- Develop an enabling environment for research via acquiring necessary equipment and support facilities;
- Initiate and encourage interdisciplinary research;
- Strengthen relations with local industries;
- Initiate and encourage collaborative research; and
- Facilitate dissemination of research findings through publications and conduct of symposia.

As a first step, CAMR has strengthened facilities required for advanced materials research. It has already acquired sophisticated equipment in this regard. Further, some leading industries have expressed their willingness to conduct collaborative research of which MAS Holdings (Pvt.) Ltd has already commenced work.



 *Plastic Cyclic Pledge Day-In association with John Keells Holdings Ltd. (above)
Workshop on Polymer Analysis (below)*

CENTRE FOR DENGUE RESEARCH

FACULTY OF MEDICAL SCIENCES



Director, CDR

The CDR is currently headed by Professor Neelika Malavige, MBBS (Col.); MRCP (UK); AFHEA; DPhil (Oxon); FRCP (Lond); FRCPATH(UK) of the Dept. of Microbiology, USJ. A prolific researcher on dengue, she has over 72 publications in indexed journals with 46 listed in the Science Citation Index. She has won many research awards and accolades both locally and internationally. A visiting academic at the MRC Human Immunology Unit, University of Oxford she serves as Council member, International Society of Infectious Diseases.

CONTACT WEBSITE

<http://research.sjp.ac.lk/centre-for-dengue-research/>



 *Dengue prevention shramadana*

Dengue is among the most wide-spread mosquito borne viral infections causing severe damage world-wide. It is estimated that 390 million dengue infections occur annually, resulting in approximately 90 million clinically apparent infections predominantly in less developing countries, including Sri Lanka. Owing to the high disease burden of dengue infections its eradication has been given high priority by the WHO, UNICEF and the World Bank with Sri Lanka joining the move through a Cabinet directive. Accordingly, the Centre for Dengue Research (CDR) was set up as a state-of-the-art research facility at the University of Sri Jayewardenepura in September, 2012 to combine national and international resources and thereby find clinical solutions to the dengue calamity.

With a mission, 'To conduct high quality research, with high scientific standards to find long lasting solutions to reduce morbidity and mortality associated with dengue', the centre has set for its itself the following objectives: drug development, vaccine related research, epidemiological research and research related to development of diagnostics and clinical characteristics of dengue.

On-going research at the centre include:

- Phase II of clinical trial to determine the efficacy of a drug (rupatadine) in the treatment of dengue infection at the Infectious Diseases Hospital, Sri Lanka;
- Determination of mediators that lead to a vascular leak in dengue; and
- Investigation of the factors leading to disease severity among patients.



 Laboratory work in progress

In the early stages, research in the centre were in collaboration with the Human Immunology Unit, Oxford University and the Department of Microbiology, National University of Singapore which has been extended to other bodies such as Institute of Glyco-biology and Anti-viral Research; University of Oxford; Duke, National University of Singapore; National Cheng Kung University, Taiwan; and University of North Carolina, USA. The centre is in possession of state-of-the-art equipment for conduct of in-depth research.

Since its establishment, the CDR has had 27 publications in high-impact factor indexed journals, 36 presentations in international conferences and 32 presentations in conferences in Sri Lanka. The centre has already contributed chapters to Handbook of ELISPOT: Methods and Protocols, 3rd edition, Springer Publication. The research carried out at the centre has so far been awarded three international and eight local research awards. The centre has also conducted a number of symposia for propagation of its findings.

CENTRE FOR CANCER RESEARCH

FACULTY OF MEDICAL
SCIENCES



Director, CCR

The CCR is currently headed by Professor Bimalka Seneviratne, Consultant Pathologist and Associate Professor in Pathology, USJ. She served as Head, Dept. of Pathology (2010-2012) and Head, Dept. of Allied Health Sciences (2016 – 2018). Her research interests include interpretation of renal allograft biopsies and breast and thyroid pathology. A former President of the College of Pathologists of Sri Lanka (2017), Prof. Seneviratne has published widely and made presentations at both local and international symposia.

CONTACT WEBSITE

<http://research.sjp.ac.lk/centre-for-cancer-research/>



 CCR stall at the Innovate Sri Lanka 2019 Exhibition Analytical work in the laboratory



Cancer is a dangerous disease in which certain cells in our body grow in an uncontrolled way. Cancer is on its way to supplant heart diseases as the no. 1 cause of death worldwide, with a heavy burden on developing countries such as Sri Lanka. Thus, the Centre for Cancer Research (CCR) was set up by the University of Sri Jayewardenepura in July, 2015 as a special initiative to address this issue of national importance.

With a mission, 'To promote high quality cancer research that will have a significant impact on the prevention, diagnosis, and management of cancer', it aims at initiating, facilitating and supporting basic and applied scientific research related to cancer in collaboration with universities and multidisciplinary research centres.

Specific objectives of CCR are as follows:

To expand the methods of early diagnosis of cancer through developing effective screening tests; enhance promising research towards early stage disease; understand causal factors of cancer; promote research in molecular biology of cancer; prioritize development of new biomarkers; facilitate a major shift in preventive methods; discover and develop new therapeutics; re-define treatment options; encourage collaborative approaches in cancer research; and develop cancer research leaders of tomorrow.

It supports research, development and innovation activities/programmes in all related fields of cancer through provision of funds from the Cancer Research Grant set up for the purpose. Recipients of funds are provided every encouragement to engage in high quality research that will have an impact on the health care system of Sri Lanka. Grants for research are

awarded through a rigorous screening process by an independent and expert panel of peers.

On-going research at the centre include:

- The role of HBME-1 and Cytokeratin 19 in the histological diagnostic approach of papillary carcinoma of thyroid;
- Expression of vascular endothelial growth factors and study of etiological factors in oral squamous cell cancer patients at the Apeksha Hospital, Maharagama;
- Pain management done at home and the associated factors by family care-providers at Apeksha Hospital, Maharagama;
- Magnetic resonance Tumour Regression Grade (MRTRG) as a novel biomarker to stratify management of good and poor responders to chemo-radiotherapy: A rectal cancer multicenter randomized control trial;
- Determining the efficacy of Gedunin and other plant extracts on cytotoxicity on acute leukemia in Sri Lanka; and
- Prevalence of incidental carcinoma of the prostate in cadaveric prostates in a tertiary care centre in Sri Lanka.

A fully equipped immunohistochemistry laboratory has already been set up by the CCR which facilitates localizing specific antigen tissues or cells based on antigen-antibody recognition.



 Educating the masses about cancer and its prevention

CENTRE FOR KIDNEY RESEARCH

FACULTY OF MEDICAL
SCIENCES



Director, CKR

The CKR is currently headed by Professor Kamani Wanigasuriya, MBBS, MD (Med), MPhil. FRCP (London), FCCP, Hon. FRACP, Professor in Medicine, USJ. Her research interests are chronic and diabetes kidney disease. She has been involved in CKDu research over the last 15 years. Prof. Wanigasuriya has served as a Member of the National Research Programme for Chronic Kidney Disease of Unknown Aetiology, a task force that investigates into kidney disease in the North Central province of Sri Lanka.

CONTACT WEBSITE

<http://research.sjp.ac.lk/centre-for-kidney-research/>



A field clinic

Chronic kidney disease has become a major public health hazard with a global prevalence rate of 8%-16%. Owing to the rapid increase in diabetic mellitus it is predicted that incidence of renal failure owing to diabetic nephropathy will rise further in Sri Lanka. In addition, chronic kidney disease of unknown aetiology (CKDu) has become a serious public health concern in the North Central Province and adjoining provinces in Sri Lanka. In this evolving context, the Centre for Kidney Research (CKR) was set up by the University of Sri Jayewardenepura to carry out research in the areas of diagnostic markers, causal factors, prognostic indicators and effective treatment modalities related to kidney disease.

Working on the mission, 'To carry out multidisciplinary scientific research that will benefit patients with kidney disease in Sri Lanka by contributing towards prevention, early detection and effective treatment', it has set for itself the dual goals: Facilitate best clinical research into kidney disease by collaborations with specialists and other departments within the University and promote multidisciplinary and interdisciplinary collaborative work with national and international research centres. These will lead to establishing a dynamic entity within the University in the field of kidney disease research.

In this connection the centre has already come into collaboration with Research Triangle Institute, North Carolina, USA and Graduate School Biomedical Science and Engineering, University of Maine, Orono, USA.



 *Presentation by a foreign expert; Laboratory work (middle); Zebra fish facility (R)*

On-going research at the centre include:

- Investigating the diagnostic value of novel markers of kidney disease to facilitate early diagnosis;
- Determining the environmental factors in the occurrence and progression of CKDu: A study of biological and environmental factors for identification of CKDu etiology;
- Developing a zebra fish facility to investigate the potential role for synergistic and interactive effects of chemical mixtures in the aetiology of CKDu; and
- Carrying carry out epidemiological studies to determine the prevalence of CKDu in endemic and non-endemic regions of Sri Lanka.

The CKR, in time to come, will turn out to be a vital component in the health care system of Sri Lanka.

RESEARCH CENTRE FOR MANAGEMENT STUDIES AND COMMERCE

FACULTY OF MANAGEMENT STUDIES AND COMMERCE



Director, RCMSC

The RCMSC is currently headed by Professor YK Weerakoon Banda, BSc., Bus. Admin (Special)(USJ); MBA (Colombo); PhD (AUEB), former Head, Dept. of Commerce, founder Head, Dept. of Finance, founder co-ordinator, Applied Finance Programme (Faculty of Graduate Studies), USJ, former Dean, Faculty of Social Sciences and Humanities (Sir John Kotelawala Defense University) and former Director, Sri Lanka Institute of Technological Education. A prolific researcher in the area of Finance, he has participated in many local and international symposia.

CONTACT WEBSITE

<http://research.sjp.ac.lk/centre-for-management-studies-commerce-research/>



 *Workshop on University Industry collaborative research*

The Research Centre for Management Studies and Commerce (RCMSC) is dedicated to foster management related research work in the Faculty of Management Studies (FMSC) and Commerce. RCMSC facilitates conduct of research on academic and national issues related to management; enables the faculty to forge links with the industry; promotes postgraduate and post-doctoral level research; and encourages visiting scholars to collaborate in research pursuits with FMSC. It is anticipated that moves will, in turn, contribute towards the economic development of the country.

RCMSC is driven by the mission, 'To be a prime centre for management research; knowledge creation and dissemination', and the activities carried out by the centre include:

- Co-ordinate research and related activities of the research clusters identified by the FMSC;
- Promote quality research among academic staff;
- Facilitate researchers in publishing their research, attending conferences and other research related activities;
- Develop links among the industry, public sector, private sector, SME sector and the FMSC in the areas of research and consultancy;
- Promote links with local and international universities and research institutes;
- Facilitate and conduct research conferences and other similar events where researchers can share their findings;



 Senior Prof. Sampath Amaraturge addresses the participants (L); Participants arriving at the Workshop (R)

- Conduct training programmes to enhance research skills of the academic staff;
- Promote a sharing environment where academic staff and postgraduate students could work on areas of common interest; and
- Attract leading researchers/ scholars to engage in post-doctoral work/ spend their sabbatical leave at FMSC.

The research at the RCMSC is carried out via a number of independent research groups: Business Strategy, Competition and Ethics; Public Policy and Governance; Consumer Marketing; Economics, Trade and Commerce; Social and Environmental Issues; Entrepreneurship and Business Creation; Human Resource Management and Organizational Behavior; Innovation and Operations Management; Real Estate and Property Development, Information Technology; Accounting and Managerial Finance and Financial Markets and Institutions.

The centre is also engaged in a number of research projects on behalf of public sector organizations in Sri Lanka.

MULTI-DISCIPLINARY RESEARCH CENTRE

FACULTY OF HUMANITIES AND SOCIAL SCIENCES



Director, MDRC

The MDRC is currently headed by Professor Charmalie Nahallage, BSc. (Hons)(USJ); MSc.(Japan); DSc (Japan), Professor in Anthropology, USJ. Prof. Nahallage's main research area is Primatology within the sub-field of Physical Anthropology. She has carried out path-breaking work on Human Primate-Conflict and Phytogeography of Primates in Sri Lanka. Her other research areas are Forensic Anthropology and Osteology. Prof. Nahallage has many noteworthy publications to her credit and has presented papers in many acclaimed international symposia.

CONTACT WEBSITE

<http://research.sjp.ac.lk/centre-for-multi-disciplinary-research/>



 *Research Centre and Museum, Matugama*

The Multidisciplinary Research Centre (MDRC) has been set up in order to facilitate research activities in the Faculty of Humanities and Social Sciences (FHSS). The FHSS, with an academic staff of over 130 coming from 14 academic departments, are engaged in research that cover a broad spectrum of disciplines including those associated with other faculties of study. This calls for a multidisciplinary approach to research, as promoted by the MDRC.

The MDRC is dedicated to fulfill the mission of the FHSS, 'To contribute to the development of the community and the nation at large through enhancement and dissemination of knowledge enriched with the country's cultural heritage', via engaging in multidisciplinary research.

The aim of the MDRC is to encourage academic staff of FHSS to conduct research on themes of national importance with the participation of academia and practitioners from public and private sector organizations, both local and foreign.

The functions of the MDRC include:

- Develop infra-structure facilities required for research;
- Assist academic staff to conduct research;
- Facilitate special research projects of the FHSS;
- Manage research/ resource centres located in far-off places;
- Conduct training programmes for skill development of researchers;

- Undertake consultancy assignments on behalf of the University; and
- Facilitate obtaining services of foreign resource persons.

Some of the activities completed by the MDRC:

- Coordinated and published the first volume of Encyclopedic Dictionary of Humanities and Social Sciences Research, the first to be published of its kind in Sinhala;
- Conduct of the International Conference of Social Sciences, a much sought after annual event in the University, in collaboration with International Institute of Knowledge Management; collaborating with Primate Research Institute, Kyoto University, Japan to conduct research on primates.
- Establishment of specialized research centres and facilities, viz. Mindfulness Research Centre (Department of Pali and Buddhism); Archeology Museum (Department of Archeology and History); English Language Laboratory (Department of English and Linguistics) and Music Laboratory (Department of Cultural Studies and Performing Arts).
- Setting up of an outstation research centre in Matugama in the Kalutara District.

MDRC has achieved much during its short period of existence and will go from strength to strength in the years to come.



 *Visitors at the Archaeology Museum*

INTERDISCIPLINARY CENTRE FOR INNOVATION IN BIOTECHNOLOGY AND NEUROSCIENCE

FACULTY OF MEDICAL SCIENCES




Director, ICIBN

ICIBN is currently headed by Professor Ranil de Silva, MBBS, MPhil., Dept. of Anatomy, USJ, who was responsible for its setting up and subsequent growth. His research interests include: the clinical, cellular and molecular basis of neurological disorders and natural products in the prevention of neurological disorders in promoting healthy brain ageing. Professor de Silva is a Council Member of several renowned neuroscience-related bodies and has taken part in many international symposia as invited speaker/chairperson.

CONTACT WEBSITE

<http://research.sjp.ac.lk/interdisciplinary-centre-for-innovation-in-biotechnology-and-neurosciences/>



 *The genetic, diagnostic and research laboratory*

In the post-genomic era, the world is moving rapidly towards personalized medicine from medical genetics lightning up the way towards a new era in medicine. The Interdisciplinary Centre for Innovation in Biotechnology and Neuroscience (ICIBN) was established in 2016 with the intent to conduct innovative research in bio-medical science, biotechnology, neuroscience and genetics with international academic and industrial collaborations.

The objectives of ICIBN are:


- Conduct of high-profile research in biotechnology, neurosciences and genetics;
- Forge strategic partnerships with educational establishments, research institutes and industry;
- Develop discipline related skills of investigators/ research community;
- Facilitate offering of postgraduate degrees through collaborative MoUs; and
- Ensure sustainability of the centre through income generation.

The achievements of ICIBN include:

- Establishment of the SISTER-DAILAB at the Genetic Diagnostic and Research Laboratory;

- Initiating a Centre for Public, Private and People's Partnership (CP4) as a business incubator under the Innovation, Invention and Venture Creation Council of the University (utilizes professional skills, facilitates innovators to produce prototypes, commercializes innovations and develops student centric programmes);
- Establishment of a Human Brain Tissue and DNA Repository – Human Brain Bank- (one of the largest bio-banks in South Asia and the only one of its kind in Sri Lanka), currently with 76 aging brains, immunohistochemical stained for neuropathology with genotyping for selective cardiovascular genes;
- Establishment of a Bio-repository of DNA/Gene Bank (the largest such repository in South Asia), currently with socio-demographic and clinical data of over 2,500 patients and controls with neurodegenerative and neuromuscular diseases and strokes. It includes Monozygotic twins with DMD (7th reported case worldwide), two dizygotic twins and 25 SCA patients, localized in three villages with same ancestry;
- Establishment of a Molecular Diagnostics and Research Laboratory for Neurogenetic diseases through collaborations and grants from National Institute of Neurological Disorders & Stroke of National Institute of Health, USA; European Graduate School of Neuroscience, the Netherlands; George Washington University USA; and University College, London UK.. It has offered 3.0 million LKR worth molecular diagnostic reports for selected neurodegenerative/ neuromuscular disorders, free of charge;
- Signing of international MOUs leading to expanding links with industry and academia promoting Private Public Partnerships and business incubators (e.g. Sun Yet Sen University, facilitating genetic characterization of Sri Lankan herbs; Belt and Road Institute of Innovation and Incubation (BRII), China; and BLUEBOX the innovation and knowledge transfer company for Queensland University of Technology, Australia;[
- Award of foreign fellowships (Netherlands, Japan, Malaysia, India, China, and Korea) for research;
- Organizing Conferences and Workshops [e.g. International Conference on Traditional Medicine, Educational Exhibition & Trade Fair, 2017, with Ministry of Health and WHO; Shilpa Sena Exposition - Tech Zone on Neuro-technology with Ministry of Science, Technology & Research];
- Promoting multidisciplinary research leading to innovation and patents (e.g. SLIIT to develop memory enhancing tool and application, AD MINI; Production of a natural antioxidant incorporated latex product); and
- Publication of research findings in high impact journals (SCI rated)



 With Dr. Bandula Wijay, renowned scientist of Sri Lankan origin (above)

The Director, ICIBN with experts from the International Brain Research Organization, San Diego, USA (below)

Funding of the ICIBN has been through local as well as international sources. It has saved a large sum of money that would have been siphoned out from the country for acquisition of services rendered by the centre.

CENTRE FOR BIOTECHNOLOGY

FACULTY OF APPLIED SCIENCES



Director, CBT

The CBT is currently headed by Senior Professor BGDNK de Silva, BSc. (USJ); PhD (USJ), Dept. of Zoology, USJ. He is a prolific researcher in Molecular Entomology and his research interests are: Development of molecular assays for the identification of malaria vectors and sand flies; insecticide resistant studies of disease vectors; population genetic structure analysis and phylogenetic studies of malaria vectors, Dengue vectors and sand flies; and transmission dynamics of Dengue and Leishmaniasis.



The research team

Opening new vistas in the field of Biotechnology, a Centre for Biotechnology (CBT) was established in the Department of Zoology in 2016 to cater to the research and industrial needs in the field of biotechnological applications in Sri Lanka. The centre encourages national and international collaborations in multidisciplinary fields of Biotechnology to ensure conducting high quality research and applications for national development. Thereby, it is expected to raise the research and applications in the said field to new heights.

The centre is dedicated to solving current health issues through involvement and communication with the relevant health officials, via conducting high-quality research. Mainly, CBT research is mainly focused on Dengue Research-vector mosquitoes, Leishmaniasis-vector sand fly species, Toxicology and Alternative Medicine, Cancer Research and Marine Biotechnology.

The centre is in possession of a well-equipped laboratory to carry out high-quality research. Thereby, CBT welcomes and encourages national and international collaborations that will enhance multidisciplinary research. Currently, the centre works in collaboration with experts from local and foreign institutes viz. Faculty of Medicine, University of Colombo and University of Kelaniya; Colorado State University, USA, and Iowa State University, USA.

With a mission, 'Create and institutional space dedicated to quality research, education and community outreach guided by sound academic,

CONTACT WEBSITE

<http://research.sjp.ac.lk/biotechnology/>


scientific and ethical principles', the centre is bound by the following objectives:

- Setting up of a modern multidisciplinary research centre in Molecular Biology and Biotechnology with centralized facilities and state-of-the-art equipment;
- Conduct of research projects and other assignments of national importance;
- Dissemination of knowledge within the scientific community;
- Conduct of industry orientated research; and
- Enhancement of research skills of prospective researchers.

The tasks carried out by the CTB are specifically linked to the health sector of Sri Lanka. They include conducting customer tailored research as well as training of undergraduate and postgraduate students and officers in the areas of Molecular Biology and Biotechnology. Findings of CBT have been published widely in SCI rated journals and presented in both national and international symposia. Further, CBT conducts short courses viz. Certificate Course in Molecular Biological Techniques and Workshop on Molecular Genetics for A/L students and other programmes in order to disseminate the knowledge and promote entrepreneurship. They provide those with innovative talent in particular, the essential tools and guidance in Molecular Biology and Biotechnology.

As a consequence, CBT creates an institutional space dedicated to high quality research and community outreach guided by sound academic and scientific know-how for those who aspire to be leaders in the sphere of Biotechnology.



 Receiving certificates on completion of a course
Workshops on Molecular Genetics (R)

RESEARCH CENTRE IN FORESTRY AND ENVIRONMENT

FACULTY OF APPLIED SCIENCES



Director, RCFE

The RCFE is currently headed by Professor Upul Subasinghe, BSc. (Hons); PhD (Wales); CIBiol. (Sri Lanka), Head, Dept. of Forestry and Environmental Science, USJ. His research interests are: Forest and forest plantation management; forest certification; natural resource modelling and natural products of forest trees. In recognition of his pioneering research in walla-patta, he was appointed as a Director of the Taiwan Agarwood Society in 2013. He has over 50 international and national publications and presentations to his credit.

CONTACT WEBSITE

<http://research.sjp.ac.lk/centre-for-forestry-and-environment/>




 *Successful research in walla-patta*

Forests are intrinsically entwined with the health of the environment. The services rendered by the forests and their association with the resilience and wellbeing of our economies are often misconstrued and undervalued. As a result, mismanagement of forestry and the associated repercussions have risen to the status of a global issue with its fair share of implications in Sri Lanka. Having realized the need for university level intervention to curb the situation the Department of Forestry and Environmental Science was formed many years ago which the University has furthered (in 2016) by setting up the Research Centre in Forestry and Environment (RCFE).

The centre focuses on the conduct of high quality research in forestry and environment by the academic staff of the Department of Forestry and Environmental Science with the collaboration of researchers from other departments of study and research institutes in Sri Lanka and overseas. The facilities at the centre are also utilized for undergraduate and postgraduate level training in research. Further, dissemination of knowledge acquired will be shared through interaction with policy making bodies, publications, symposia and public awareness programmes.

The RCFE works on the mission, 'To conduct research on forest and environment related problems facing Sri Lanka and the world and to intervene in their resolution in a meaningful way'. The uniqueness of the centre is the synergy that will result through rallying of researchers from a wide spectrum of disciplines and locations. Considering the magnitude of the forestry and environment related issues this will be of importance.



 Knowledge dissemination on forestry and management ; Laboratory work (middle & right)

Armed with a well-equipped laboratory the centre is currently engaged in a number of projects of national importance:

- Conduct of research in seed germination, nursery activities and establishment of walla-patta plantations; identification of fungal species responsible for agarwood formation; and testing of those species on a commercial scale in the living walla-patta trees using non-destructive sampling methods;
- Trials for growing sandalwood with host species in different climatic and geographical regions in an effort to propagate its growth on a commercial scale;
- Studies on solid waste management, waste water treatment, compost manufacturing, geology and soil conservation; and
- Measurement of gas emissions from dumping sites, marshy lands and gem mining pits that are harmful to human life. Searching for the potential use of using such gases in energy generation, from the waste dumping sites, in particular.

RCFE will step up its role in the years to come in conserving forestry and environment for the betterment of the society.

CENTRE OF ROBOTICS AND INTELLIGENT SYSTEMS

FACULTY OF APPLIED SCIENCES



Director, CRIS

The CRIS is currently headed by Dr. P Ravindra S De Silva BSc. (Comp. & Stats); MSc. & PhD (Aizu, Japan), Senior Lecturer, Dept. of Computer Science, USJ, former Assistant Professor, Toyohashi University of Technology, Japan and researcher at Toyota Technological Institute (2009-2012). Dr. de Silva's research interests include social robotics, interactive media and interfaces and proxemics on dynamic interactions. The author/ co-author of several book chapters he has published widely in journals and also made presentations at local and international conferences.



 A peep into the busy CRIS

The field of robotics has grown tremendously during the last decade with new research demonstrating its relevance and impact in fields as diverse as manufacturing, planetary exploration, medicine, healthcare, military and consumer products. It has reached a point where the robotic technology has moved away from the purview of a handful of specialists (Mars, Rovers) to the general public (robotic cars, household robots, elderly care, companions and unmanned search and rescue).

Since robots have increasingly made their way into functional roles in human environments (e.g. homes, schools, hospitals), they need to react appropriately to human expectations and behaviours. Moreover, a person working with a robot should not be required to learn a new form of interaction. Human-robot Interaction Research Portal defines Human-robot interaction (HRI) as a 'field of study dedicated to understanding, designing and evaluating robotic systems for use by or with humans'. This includes topics such as gesturing and natural language communication, perceiving and expressing their own artificial emotions, establishing social relationships, exhibiting different personalities and characters and recognizing interactive partners.

In the evolving scenario, the Centre for Robotics and Intelligent Systems (ICRIS) of the University of Sri Jayewardenepura was set up in 2018 with the intention of fulfilling the mission 'To explore robotic solutions in a human-centric environment through competitive research conducted with worldwide high-ranking universities and research institutions'.

The objectives of CRIS are:

- Engage in creative design and engineering at all levels, and across many disciplines, rapid prototyping, using in-house fabrication capabilities and collaboration with sponsors to commercialize technology through embedding robotic automation in businesses;
- Develop research capacity of the academic staff that will lead them towards acquiring MPhil and PhD degrees; and
- Initiate collaborative projects with international research institutes engaged in the same discipline. The center has already come into collaboration with Shibura Institute of Technology, Japan and Canberra University, Australia.

A state-of-the-art research centre is being set up, complete with modern technologies and equipment as well as areas conducive for intellectual stimulation and interaction.



 Preparing for Innovate Sri Lanka 2019 (above and middle-L)

Attracting crowds at the Innovate Sri Lanka, 2019 Exhibition (below L and R)

APPLE RESEARCH AND DEVELOPMENT CENTRE

FACULTY OF APPLIED
SCIENCES



Director, ARDC

The ARDC is currently headed by Professor RGN Meegama, BSc. (Comp. Sc.)(Colombo), MSc. (Comp. Sc.)(AIT, Thailand), PhD (Com. Sc.)(Singapore), Dept. of Computer Science, USJ. His research interests are: computer networks, image processing, mobile computing and computer graphics. Prof. Meegama has published widely in indexed journals and made presentations at international symposia. He represented Sri Lanka as a young scientist at the World Economic Forum in Dalian, China in 2009.

CONTACT WEBSITE

<http://research.sjp.ac.lk/apple-research-development-centre-faulty-of-applied-sciences/>



 *Researching on mobile computing*

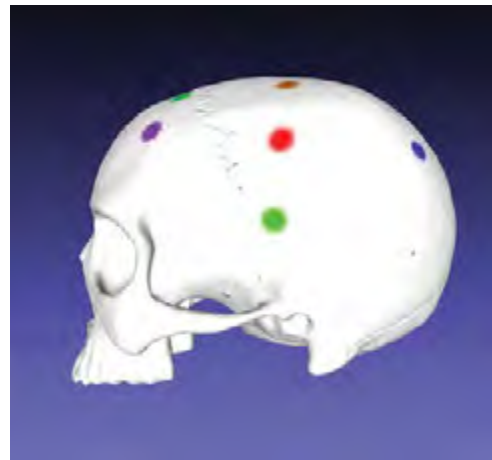
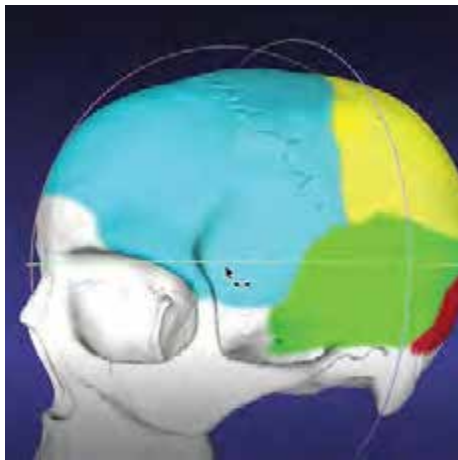
The last two decades witnessed a rapid growth in mobile technology across the globe with different countries and regions recording varied rates of adoption. From early 1990s the USA and Europe began manufacturing mobile phones with many countries in Europe reaching almost 100% mobile penetration by early 2000. These developed countries possess strong wired communication infrastructure that facilitate rapid growth in mobile communication as some of the transmission towers need a wired backbone to capture signals prior to broadcasting. More recently, during the last decade, mobile phone penetration in countries in the certain regions, viz. South America, North Africa, Middle East and Asia grew as the technology became available in these emerging markets.


These developments had their fair share of implications in Sri Lanka. Lately, the day-to-day life of Sri Lankans has begun to revolve round mobile technology, from accessing on-line material to exploring the world. The huge popularity of mobile technology has made business establishments rethink and adapt to the developments taking place in mobile technology arena in the country. The concept of the mobile app, from booking a taxi to ordering food through smartphones has drastically changed ways of conduct and behavior of people of Sri Lanka.

In the evolving scenario, the need for research and development in the arena of mobile technologies loom large which paved the way to setting up of the Apple Research and Development Centre (ARDC) by the University in 2018.

With a mission, 'To engage in advanced research and development in mobile technologies', the centre has set for itself the following objectives:

- Set up a world-class mobile application development centre;
 - Produce competent graduates capable of developing applications for mobile platforms;
 - Develop the research capacity of the academic staff through research projects leading to MPhil/ PhD degrees; and
 - Initiate collaborative projects with other mobile research and development centres.
- The centre is currently equipped with sophisticated technologies and equipment which is being developed further in pursuit of attaining its set objectives.



 3D visualization of human EEG signals
Configuring a high performing computer cluster (R)

RESEARCH AND PROFESSIONAL DEVELOPMENT CENTRE- DEPARTMENT OF ESTATE MANAGEMENT AND VALUATION (CRES)

FACULTY OF MANAGEMENT STUDIES AND COMMERCE



Director, CRES

The CRES is currently headed by Dr. (Mrs.) N C Wickramaarachchi, BSc. Est. Mgt. & Val. (Special) (USJ), MSc. T & CP (Moratuwa), PhD (Colombo), FITP (SL), MRICS, AIV (IVSL), Senior Lecturer, Dept. of Estate Management and Valuation, USJ. Her research interests are: Property valuation, land economics, property rights and land tenure, urban planning, housing and real estate management and development. Further, she has published widely on the subject of estate management and valuation.



 *Training Programme for Revenue Officers in Provincial Councils*

Estate management and valuation is intrinsically associated with the economic growth of a nation. It is of special relevance to countries such as Sri Lanka that follow neo-liberal economic policies. This is largely owing to the complexities associated with fluctuations in land values. Opportunities and challenges abound the discipline of estate management and valuation which have to be tracked all the time in order to get the better of them. Further this requires a research oriented and a professional outlook.

Research and Professional Development Centre-Department of Estate Management Valuation (DEMVA), also known as the Center for Real Estate Studies (CRES), is the latest development in the DEMVA which will act as an interface between the Department (University) and the industry. While opening a platform to conduct research in collaboration with industry it will provide opportunities for dissemination of new knowledge through publications as well affording training and development to generate a pool of competent professionals in the field of Real Estate Management and Valuation.

Going by the dictum that foundations for real estate are not for physical structures but for the well-being of the entire society, the CRES works to promote the ideology that 'Real estate is not an option but fundamental for individuals, firms and nations in achieving socio-economic development'.


The CRES aims to develop a research and a continuous learning culture encompassing the Department, the University and the industry. It hopes to realize this broader aim via a few selected objectives.



- Open a forum for academics, professionals and other stakeholders to engage in continuous professional development;
- Conduct relevant research and disseminate knowledge that has been generated;
- Carry out consultancies related to real estate projects;
- Engage in national level policy formulation and implementation;
- Upgrade competencies of the human resource through training and development; and
- Engage in community services through sharing of knowledge and experiences with the general public and other interest groups.

The CRES currently works on several projects in close collaboration with public-sector organizations: Government Valuation Department; Royal Institute of Chartered Surveyors, Sri Lanka; Urban Development Authority; Colombo Municipal Council and Sri Lanka Land Reclamation Board. To cite an example, it currently works as one of the consulting teams of the Makumbura Multimodal Centre (MMC) Project.



 Consultancy work at Multi-modal Project, Makumbura (above-L)
Annual Conference on Real Estate Management and Valuation, 2018 (above-R)
At the Innovate Sri Lanka 2019 Exhibition (below)

NATIONAL CENTRE FOR PRIMARY CARE AND ALLERGY RESEARCH

FACULTY OF MEDICAL SCIENCES



Director, NCPCAR

The centre is currently headed by Dr. Chandima Jeewandara, MBBS, PG DFM, MRCGP (INT), PhD, Senior Lecturer, Dept. of Family Medicine, USJ. A prolific researcher, he has won many awards including the University of Oxford Fellowship and Imperial College-London Deans Maters Scholarship for his work in Immunology and Allergy. Dr. Jeewandara is a member of the British Society for of Immunology, European Academy of Allergy and Clinical Immunology, British Society for Allergy and Clinical Immunology and the American Association of Immunologists.

CONTACT WEBSITE

<http://www.ncpcar.lk/>



 *Indo-Sri Lanka-US Cytometry Workshop*

The National Centre for Primary Care and Allergy Research (NCPCAR) was established in May, 2017 with the intention of enhancing the research in primary care and allergy as well as to extend the benefits to the surrounding neighborhood. Primary care (first point of contact and day-to-day healthcare given by a healthcare provider) and allergy diseases (number of conditions caused by the immune system to typically harmless substances in the environment) are areas that are increasingly becoming important in the Sri Lankan context. Thus, setting up of NCPCAR is both relevant and opportune.

The mission of the NCPCAR is 'To conduct objective and expert scientific/medical research in the fields of primary care, allergy and palliative care through interdisciplinary collaborations'.

The centre operates through three distinct arms:

Primary care


This aims at enhancing research in primary care as well as capacity building of personnel engaged in basic clinical, public health and other spheres related to the discipline. These efforts are likely to have an impact in finding solutions to the major health issues faced by Sri Lanka. Further, benefits will percolate to the local community around the University.

Allergy arm

The state-of-the-art Allergy Research Centre enables conduct of high-profile research on allergy diseases. Research in the spheres of diagnosis, treatment, prevention and patient-care will contribute towards better quality lives for patients with allergy diseases. Currently, it plays the role of



national reference centre for allergy diseases. Further, it aims at providing free medication to patients with severe allergic conditions.

 Laboratories and research at NCPCAR (L & middle)
Training programme on confocal microscopy (R)

Palliative care

Palliative medicine, a novel clinical discipline, aims at improving the quality of lives of patients hit with terminal illnesses as well as their families affected by the syndrome. The Family Practice Centre set up through the Department of Family Medicine provides clinical palliative services to those who require such services in and around the University.

In addition to above, the services provided by the NCPCAR include:

- Sharing of the Allergy Research Centre with many leading scientists including postdoctoral researchers from overseas;
- Conduct of 'Hands-on Workshop on Research' for the benefit of MD students in Family Medicine;
- Conduct of Flowcytometry Workshops (SL-INDO-US CYTOMETRY) for the benefit of researchers;
- Implementation of National Anaphylaxis register and 'Save a Life' project for free distribution of Adrenalin; and
- Providing auto injectors for the needy via fund raising campaigns.

The centre is presently in collaboration with Lien Centre for palliative care through APPROACH (Asian Patient Perspectives Regarding Oncology Awareness) and with DUKE, National University of Singapore.

RESEARCH CENTRE FOR GOVERNANCE AND PUBLIC POLICY

FACULTY OF MANAGEMENT STUDIES AND COMMERCE



Director, RCGPP

The centre is currently headed by Senior Professor R Lalitha S Fernando, BSc. Pub. Admin. (Special); MA Econ. Dev. Ad. & Mgt. (Manchester; PhD NIDA (Bangkok), Dept. of Public Administration, USJ. Her research interests are: Public entrepreneurship and management innovations, environmental management, public management and governance, public policy analysis and education management. She has published widely and has also participated and presented in numerous local and international symposia.



 *The International Conference on Governance for Sustainable Development (ICGSD)*

Good governance and an effective public policy are the backbone of any prospering nation. Though driven by neo-liberal political economic practices, the role played by governance and public policy in the Sri Lankan context cannot be underestimated. The evolving scenario, however, brings with it fresh challenges and opportunities which have to be understood and interpreted with care. This calls for in-depth study of the public sector and emerging issues through a research based mind-set. Thus, the Research Centre for Governance and Public Policy (RCGPP) was established in January, 2018 by the Department of Public Administration, USJ with the aim of promoting and enhancing an open research culture in the public sector of Sri Lanka.

The mission of RCGPP is 'To conduct high quality research, publish and collaborate with local and international partners to promote a research culture with an enhanced reputation in the area of public policy analysis and governance'.

The centre actively engages in research and training with the Network of Asia Pacific Schools and Institute of Public Administration and Governance (NAPSIPAG). For instance, an International Conference in Governance for Sustainable Development (ICGSD) was held in collaboration with the Ministry of Agriculture, Land, Irrigation, Animal Production and Health and Agrarian Development, Western Province and NAPSIPAG in October, 2018.



 Different facets of the ICGSD

CENTRE FOR PLANT MATERIALS AND HERBAL PRODUCTS RESEARCH

FACULTY OF APPLIED
SCIENCES



Director, CPMHPR

The CPMHPR is currently headed by Dr. C Padumadasa, BSc. (Colombo), PhD (University of Oxford, UK), Senior Lecturer, Dept. of Chemistry, USJ. Her research interests are: Chemistry and biological activity studies of phytochemicals and characterization of heterocyclic compounds with pharmaceutical potential. A versatile researcher, Dr. Padumadasa has published widely in indexed journals, and also made many presentations at local and international symposia. She was also the recipient of IChemC Sultanbawa, NSF SUSRED and NRC research awards.

CONTACT WEBSITE

<https://www.sjp.ac.lk/sites/cpmhp/>



 *MOU between the University and Hettigoda Industries*

Sri Lanka is a tropical island with rich diversity in flora and fauna and thus is considered a biodiversity hotspot. In addition, Sri Lanka has its own rich traditions of indigenous medicinal systems, which have been practiced for millennia based on knowledge handed down from generation to generation. This provides a rich ethno-medical and ethno-pharmacological basis for multidisciplinary and collaborative research in plant materials and herbal products.

The University, having identified the need for harnessing the potential of readily available indigenous knowledge and herbal resources towards research and development on plant materials and herbal products, established the Centre for Plant Materials and Herbal Products Research (CPMHPR) in October, 2017 under the Faculty of Applied Sciences. The centre provides a platform for varied types of research at national and international levels through multidisciplinary and collaborative approaches, which will enable the University to play a more dynamic role towards the economic development of the country.


With a mission, 'To facilitate ethically, socially and environmentally acceptable research and development projects on plant materials and herbal products to prosper lives of people', the objectives of the centre are to:

- Strengthen research enabling high quality publications and patents;
- Facilitate the move of important findings and innovations from bench to the market and thereby contribute to the economic development of the country;

- Facilitate collaborations with national and international research institutes/organizations to achieve global research standards;
- Increase post graduate studies on plant materials and herbal products;
- Offer consultancy services to public and private sector institutions;
- Disseminate knowledge on plants and herbal materials; and
- Facilitate development of cosmaceuticals, nutraceuticals and herbal medicines.

Currently the centre is working on herbal remedy for menorrhagia from the inflorescence of *Cocos nucifera* L; study of pharmacological properties and development of herbal formulation from stem bark; screening of medicinal plants for antimicrobial activity; development of an antibacterial hand sanitizer; and antiviral activity of Guava leaf extract.



 Pre-symposium Workshop-Tradmed International, 2017
Workshop on obtaining ethical approval for animal and human studies involving plant material and herbal products (R)

INSTRUMENT CENTRE

FACULTY OF APPLIED SCIENCES



Director, IC-FAS

The IC-FAS is currently headed by Dr. Asitha T Cooray, BSc. (USJ); PhD (NMT-USA), Senior Lecturer, Dept. of Chemistry, USJ. His research interests are: Analytical Chemistry, Environmental Chemistry and Aquatic Chemistry. He has a number of publications in indexed journals to his credit and has also made presentations at both local and international symposia.

CONTACT WEBSITE

<http://science.sjp.ac.lk/instrumentcenter/>



 An instructional session at IC

Instrument Centre at the Faculty of Applied Sciences (IC-FAS) was established in 2012 as the Central Instrument Facility in order to facilitate both undergraduate and graduate level research by providing access to sophisticated analytical instruments. This centre comes directly under the purview of Dean, FAS and provides its services to all academic departments and research centres.

With a mission, 'To be the centre of excellence in providing high-end analytical instrument services', its objectives are:

- Provide facilities to academic staff in their research activities;
- Analyze samples from academics, research institutes and industry;
- Provide training to technicians and students on the use of sophisticated instruments;
- Conduct short term courses/ workshops on the use of various instruments; and
- Conduct research projects for the industry.

IC-FAS houses more the ten state-of-the-art instruments valued at approximately Rs. 75 mn. They include X-Ray Diffractometer (XRD), Gas Chromatograph-Mass Spectrometer (GC-MS); Thermo gravimetric Analyzer (TGA), Atomic Absorption Spectrometer (AAS), Fourier Transform Infrared Spectrometer (FT-IR) and an Ion Chromatograph (IC).

Instruments at the IC-FAS are calibrated, maintained and supervised by a team of qualified and dedicated staff that includes academics.

The IC-FAS caters to the needs of more than 125 undergraduate and graduate students annually. Further, its services are not confined to researchers within the University. Instead, researchers from outside the University as well as industries could avail themselves of the facilities provided by IC-FAS.



 *Testing activities at IC-FAS*



ECOSPHERE RESILIENCE RESEARCH CENTRE

FACULTY OF APPLIED
SCIENCES



Director, ERRC

The ERRC is currently headed by Dr. (Mrs.) Meththika Vithanage, BSc. (Sabaragamuwa); MSc. (Peradeniya); PhD (Copenhagen), Senior Lecturer USJ. Her research focus is on elucidating the release/remediation of pollutants with contrasting physical and chemical properties that can be used to obtain insights into environmental partitioning, chemical persistence and ultimate accumulation in biota. She has published more than 100 SCI journal articles, two edited books in Elsevier Inc. and over 25 book chapters. Her citation record is now past 3,100 with an H index of 28 in Scopus.

CONTACT WEB-SITE

<http://research.sjp.ac.lk/errc/>



 Analytical work in the laboratory

Adverse climate changes is a common phenomenon causing disruption of food, water and energy supplies to rise of sea level, damaging vast areas of land and human life. Simultaneously, pollution, i.e. air, water and soil, is also common place that drives the environment (eco-systems) to critical levels of contamination. The natural or anthropogenic influences underlying these extreme environmental conditions make it difficult for most life forms to live. The ultimate impact on eco-systems due to both types of influence is considerable though rates of change are more owing to human intervention than natural causes. Thus, in this evolving scenario conduct of cutting-edge research on environmental resilience is an urgent priority that is imperative for human survival, let alone national development.

The Ecosphere Resilience Research Centre (ERRC), set up in 2018, is the University's response to this global issue that has its share of implications for Sri Lanka. The centre is driven by its mission, 'Towards ecosphere resilience through high profile research and education'. In the process, it hopes to achieve the following objectives:

- Conduct state-of-the art expert scientific research on ecosphere resilience leading to environmental restoration;
- Promote inter/ multidisciplinary research with national and international research institutes; and
- Engage in policy level decision making and educating people on



Field work

ecosphere resilience.

Equipped with requisite gear, the centre uses analytics and modeling in research. It searches for remediation, mitigation and restoration work via monitoring, modelling and application of engineered solutions. The centre is involved in studying novel engineered sorbent materials and nanotechnology-based solutions for wastewater and soil that can vary in treating wide ranges of contaminants. Research on climate extreme modeling and atmospheric deposition leads the centre towards policy development.

Achievements

- ERRC has been able to attract several national and international funding agencies viz. National Research Council, Sri Lanka; International Atomic Energy Agency, Austria and Organization for Women Scientists in Developing Countries, Italy with about a Rs. 60 million contribution;
- Published more than 10 SCI international peer reviewed journal articles, 8 book chapters and 2 edited books by Elsevier Inc. from 2018 to-date; and
- Awards and recognition from national and international institutes: Early Career Women Fellowship-Organization for Women Scientists in Developing Countries, Italy; Presidential Awards for scientific publications-National Research Council, Sri Lanka; and Merit Awards-Annual Symposium of Young Scientists Forum (2018); and

Currently, the centre is in collaboration with top researchers from high ranking Universities and Research Institutes (Australia, Denmark, Finland, Germany, India, New Zealand, South Korea, Sweden, UK and USA).

NON-COMMUNICABLE DISEASES RESEARCH CENTRE

FACULTY OF MEDICAL SCIENCES



Director, NCDRC

The NCDRC is currently headed by Professor Shamini Prathapan, MBBS, MSc. (Colombo), MD (Colombo), and heads the Dept. of Community Medicine, USJ. A consultant community physician by profession she is a prolific researcher on Public Health. She has over 35 publications in indexed journals and over 75 presentations in local and international symposia. She has received many awards for her work in NCDs and translational related research.



 Meeting with a delegation from the Cambridge University

Whilst South Asia continues to be world's most densely-populated and fastest urbanizing region it also has strikingly high rates of non-communicable diseases (NCDs) such as cardiovascular disease and diabetes. Sri Lanka is no exception with around 38% of the deaths owing to NCDs, and disease and death caused by metabolic dysfunction at disproportionately high levels compared to neighboring countries.

Despite this gloomy scenario, the demographic, environmental and biological determinants for the high incidence of NCDs has not been understood adequately. The limited work carried out so far seem to be confined to retrospective or cross-sectional investigations on non-generalizable samples of inadequate scale and depth. Thus, it is imperative that bold initiatives are undertaken to combat NCDs which seem to reach epidemic proportions in the country. The setting up of the Non-Communicable Diseases Research Centre (NCDRC) in July, 2018 is a positive step taken by the University in this direction.

The mission of the NCDRC is to 'Promote well-being of all Sri Lankans through evidence-based decision making derived through research and development in NCDs' which will be attained through the following tasks:

- Study potential metabolic, environmental, life-style, spiritual and hereditary risk factors for NCDs in Sri Lanka;
- Capacity building for research nationally with international support with regard to NCDs and Communicable Diseases;
- Establish evidence informed research for decision making;



 *Visitors from the Cambridge University
Research Clinic (R)*

- Create awareness among academics, public, and policy makers on NCDs, based on research;
- Support the development of a national NCD related policies and guidelines with national and international support;
- Provide a platform for disciplines non-related to medicine to collaborate in research and form policies related to life styles in reducing NCDs;
- To transform NCDRC to a center of excellence in NCD research in South East Asia.

The centre works in close collaboration with the Department of Public Health and Primary Care, University of Cambridge.

CENTRE FOR MINDFULNESS- BASED RESEARCH AND PRACTICES

FACULTY OF MEDICAL
SCIENCES



Director, CMRP

The centre is currently headed by Dr. Sanath Mahawithanage, BSc.; PhD, Senior Lecturer, Dept. of Biochemistry, USJ. A former council member of the Nutrition Society of Sri Lanka he had served in the corporate sector for a long time prior to joining the University. Dr. Mahawithanage is also a well-known management consultant, corporate trainer and a mindfulness practitioner. He has published over 100 communications and have been awarded the presidential award for scientific communication.



 Practicing mindfulness

Drawing its roots from the *Satipattana Sutta*, mindfulness is a form of mental training to cultivate judgmental awareness of the present. This allows development of a person's innate ability to organize thoughts and emotions as they arise. Over the past five decades the practice of mindfulness has been combined with modern scientific knowledge and developed into a subject of secular training of thousands of studies. Further, the benefits of mindfulness in the fields of health, education, workplace activities and criminal justice systems are well established.

Moreover, experiments in the realm of mindfulness happens to be on the increase with more and more institutes of higher education joining in the activities. In this evolving scenario it is opportune for University of Sri Jayewardenepura, founded on the bedrock of Buddhist scholarly studies, to immerse in the study of mindfulness. The Centre for Mindfulness Based Research and Practices (CMBRP) was established as an offshoot of the Centre for Multidisciplinary Studies-Faculty of Humanities and Social Sciences, in 2018 with a view to fulfill this need.

Driven by the mission, 'To provide a conducive environment for conduct of research on contemplative practices and provide services related to mindfulness based meditation', it has set for itself the following objectives:

CONTACT WEBSITE

[http://research.sjp.ac.lk/
mindfulness/](http://research.sjp.ac.lk/mindfulness/)

-
- Design and conduct clinical studies on contemplative practices;
 - Establish the 'Mindfulness Garden' that provides a platform to conduct research and promote mindfulness practices within and outside the University;
 - Propagate mindfulness as a secular practice and contribute thereby to the National Mental Health Strategy; and
 - Provide learning opportunities on authentic mindfulness practices to the international community.

With respect to its work CMBRP already collaborates with *Sathi Pasal Padaname*, Sri Lanka.



 Practicing mindfulness (cont.)

CENTRE FOR ADVANCED FORENSIC RESEARCH

FACULTY OF MEDICAL
SCIENCES



Director, CAFR

The CAFR is currently headed by Professor M Vidanapathirana, MBBS (Col.); DLM; MD; MA (USJ); FFFLM (UK), Dept. of Forensic Medicine, USJ, and Chair Professor. A prolific researcher, he has authored five books and over 80 papers in indexed journals. Prof. Vidanapathirana has won many research awards and tributes and is a Council Member, Indo-Pacific Association of Law, Medicine and Science (INPALMS). He was the 11th President of the College of Forensic Pathologists of Sri Lanka.

Increase of crime is a global phenomenon that is manifested in the same proportions, if not higher, in the Sri Lankan context. Irrespective of the multitude of reasons that lead to increase of crime in today's complex globalized environment the need looms large to deal with the culprits swiftly and effectively, using fool-proof methodologies. In this regard, greater attention is required to be paid to the development of the discipline of Forensic Medicine that deals with the application of medical knowledge to legal enquiries.

Though vast strides of advancements are observed in the realm of Forensic research worldwide, there is much to be accomplished when country specific differences are taken into consideration. Further, as a developing country much can be gained through collaboration with experts from developed countries in terms of transfer of technology, dissemination of knowhow, skills development as well as use of modern research methodologies.

Thus, the Centre for Advanced Forensic Research (CAFR) was set up in 2019 with a view to adding to professionalism in the discipline of Forensic Medicine and thereby contribute to more effective conduct of medico-legal investigations, leading to a significant arrest of the crime rate in the country.

Driven by the mission, 'To uniquely add value to the local knowledge as well as skill base of Forensic Medicine through advanced research and technologies as well as develop the human resource to be on par with those from world-class research universities', CAFR has identified several objectives to be attained.

- Develop a conducive environment for advanced forensic research through acquiring of state-of-the-art equipment and support facilities;
- Establish collaboration with local and international research facilities;
- Conduct of high profile research and dissemination of knowledge through publications in indexed journals as well as transmission to relevant stakeholders;

- Enhance postgraduate level research; and
- Contribute to policy level decision making

The centre is currently engaged in a collaborative study with the School of computing, University of Colombo (UCSC), which aims at developing an Information Portal and Database for unidentified dead bodies. This is to be implemented via a web-based platform with authorized user access for selected categories of personnel such as Judicial Medical Officers and IT and medical data administrators.



 *Introduction to Research Methodology-Diploma in Forensic Medicine and Toxicology*

CENTRE FOR MARINE SCIENCE AND TECHNOLOGY

FACULTY OF APPLIED
SCIENCES



Director, CMST

The CMST is currently headed by Dr. RRMKP Ranatunga, BSc. (USJ), Ph.D. (JCU, Australia), Senior Lecturer, Dept. of Zoology, and USJ. His research interests are: Marine ecology, marine bio-invasions, marine pollution through marine debris and micro plastics. He has published widely in indexed journals and also made presentations in international symposia.



 *Underwater surveys using scientific diving*

Sri Lanka being a nation surrounded by the ocean which is eight times the land area, the benefits that could result through marine science research are numerous. However, marine research has never been given priority in Sri Lanka, and facilities available for research and exploration is in a rudimentary stage. A national level institution dedicated to marine science research is also yet to emerge. It is in this context that the Centre for Marine Science and Technology (CMST) was set up in 2019 as an independent research centre that would strive to be in the forefront in multidisciplinary marine science research in the country.

The centre will focus on several aspects. The center's primary concern will be conducting research on sustainable ocean use. Further, it will bring together marine scientists across a variety of disciplines who will collaborate in research. Finally, the centre will integrate research and development into tropical marine science and promote active participation in corporate and private sector industry towards environmental and marine sustainability.

The CMST is driven by its mission, 'To promote marine science research, strengthen equipment and other facilities, enhance research support to postgraduate level students and scientists and educate the public on sustainable utilization of the ocean resource', with the following objectives.

- Conduct multidisciplinary research and develop technologies to support sustainable exploitation and management of coastal and marine living and non-living specimens;
- Facilitate award of postgraduate qualifications in marine resources;
- Identify research priorities in the marine sector through collaboration and working closely with relevant agencies and projects aligned with national strategies;
- Support maintaining a marine environmental baseline database;


- Conduct awareness building and educative and training programmes related to marine affairs;
- Develop partnerships in research with local and international institutions;
- Coordinate advisory/ consultancy services on marine environmental assessment and other marine related affairs;
- Develop strategies for the transfer of new knowledge and technologies among stakeholders; and
- Establish a field research station, aquarium complex and marine theme park for research and education purposes.

The CMST works in collaboration with local and international institutions (given below) on a variety of research projects, and programmes.

Local: National Aquatic Resources Research and Development Agency; Marine Environmental Protection Authority; Petroleum Resources Development Authority; Department of Coastal Conservation and Coastal Resources Management; and International Water Management Institute (IWMI).

International: College of Marine Sciences, National Sun Yat-Sen University, Taiwan; Commonwealth Scientific and Industrial Research Organization (CSIRO), Australia; Korea Maritime Institute; National Institute of Oceanography, India; Research Centre for Prediction of Earthquakes & Volcanic Eruptions, Tohoku University, Japan; United Nations University, Iceland; University of Notre Dame, USA; Department of Earth, Environment and Life, University of Genova, Italy; Universite Bretagne-Sud, France and Marine Bio-Process Research Centre, Pukyong National University, Republic of Korea.



 Marine debris research (above and middle-R)
Port biological baseline surveys for invasive alien species (L and R)

CENTRE FOR SCIENTIFIC COMPUTING AND ADVANCED DRUG DISCOVERY

FACULTY OF APPLIED SCIENCES



Director, CSCADD

The CSCADD is currently headed by Dr. Ranga S Jayakody, BSc. (Hon) (Carleton, Canada); MSc. and PhD (University of Cape Town, SA), Senior Lecturer, Department of Chemistry, USJ. His research interests are computational chemistry and computer aided drug design. Dr. Jayakody has published widely in indexed journals and made presentations at local and international symposia.



Research students at CSCADD (above)

Proposed super computer for the Centre (R)

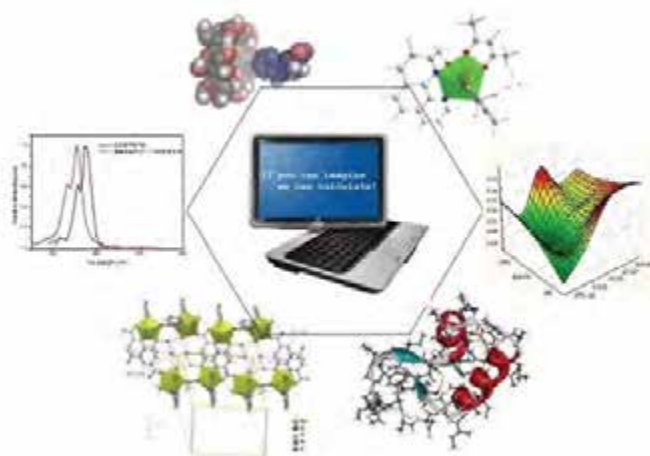
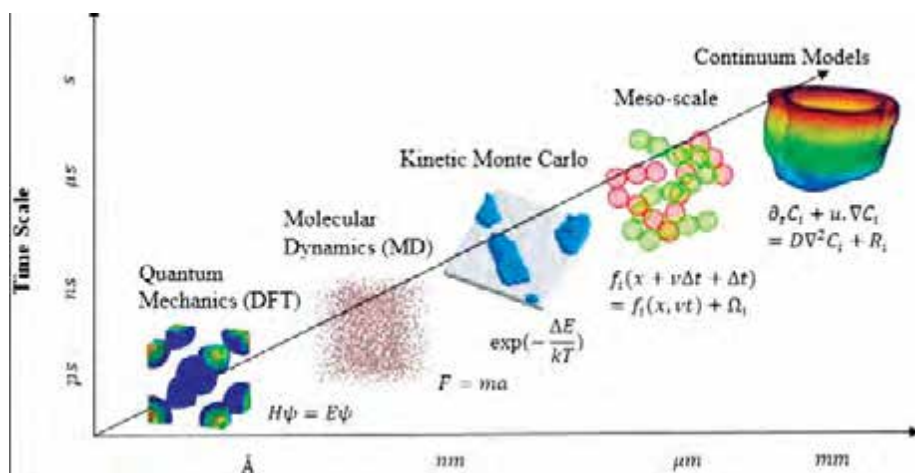



Centre for Scientific Computing and Advanced Drug Discovery (CSCADD), is the first of its kind in Sri Lanka and is primarily aimed at addressing the tremendous demand and need for scientific computing and advanced drug discovery technologies at the university as well as the national level.

Scientific computing is a modern multidisciplinary subject where the problems of sciences are solved with the aid of computers when they originate in other disciplines such as mathematics, engineering, biology, physics, and chemistry and other natural and medical sciences. The problem solving strategy is mainly through advanced calculations and simulations using very specific and sophisticated software. Modern-day global scientific research is fully equipped with computational tools and it has now become an integral and essential part of the scientific investigations.

Scientific computing allows researchers to expedite their research in the most cost-effective manner as it gives more opportunities to the trial-and-error approach via calculations and simulations at negligible cost in terms of both financially and time-wise, in contrast to conventional experiments. Moreover, it provides an opportunity for a massive data analysis and prediction power which is otherwise impossible. Specially, in the modern drug discovery process, computer aided drug design has become mandatory where the crucial steps of the drug discovery process such as target identification and validation, lead discovery, lead optimization, and efficacy, bioavailability and toxicity predictions are performed on computers.

The primary objectives of CSCADD is to provide the high-end computing facility to conduct research and development in mathematical modeling and simulation, algorithm design, data storage, management and analysis, computer system architecture, high-performance software implementation and computer aided drug design. Also, the centre aims at offering professional training in scientific computing and computer aided drug discovery by means conducting certificate courses and workshops.



 The computing approach to solve scientific problems (L)
 A computer-based simulation (R)

RESEARCH CENTRE FOR GEOPHYSICS AND GEODESY

FACULTY OF APPLIED
SCIENCES



Director, RCGG

The RCGG is currently headed by Dr. MMP Madhuranga Fernando, BSc. (USJ); PhD (Geophysics)(USJ), Senior Lecturer, Dept. of Physics, USJ. His research interests are Geophysics, Computational Physics, Mathematical Physics, Theoretical Physics and Physics of Music. Dr. Fernando is versatile academic working on a wide range of topics including Buddhist Philosophy and Literature. He has published widely including his contributions to the general public.

Geophysics is the branch of earth science dealing with the physical processes and phenomena occurring in the earth and in its vicinity while Geodesy is a branch of Applied Mathematics dealing with the determination of the size of the earth and exact positions on its surface with descriptions of variations of its gravity field (Merriam-Webster). In view of the climatic and environmental changes taking place worldwide there has been a growing interest in the field of Geophysics and Geodesy based research lately. It is in this context that the Research Centre for Geophysics and Geodesy (RCGG) was set up in the University of Sri Jayewardenepura in November 2108 as a joint collaboration with the University of Sabaragamuwa. .

Driven by the mission, 'To improve understanding of sub-surface structure and the geoid of Sri Lanka and the surrounding Indian Ocean region and to use that knowledge for the benefit of the country and mankind in general', it is envisaged that RCGG will enable researchers from the Department of Physics, University of Sri Jayewardenepura and the Department of Geophysics, University of Sabaragamuwa to work jointly to find solutions to emerging geophysical issues.

The objectives of RCGG are:

- Derive opportunities for research in the fields of Geophysics and Geodesy;
- Study the structure of the Indian Ocean with respect to delimitation matters;
- Developing and managing a data base of gravity and geophysical data;
- Develop international affiliations;
- Develop the centre as an umbrella for different research groups in the field of Earth sciences; and
- Advise stakeholders involved in geophysical related work.

As one of its early projects RCGG will engage in 'Modelling Gravity Anomalies over the Bengal Fan related to claiming sea area belonging to Sri Lanka (according to the United Nations Convention Law of the Sea)' that is being considered at the National Oceanic Affairs Committee of the Ministry of Foreign Affairs.

Emeritus Professor Dhammika A Tantirigoda, (former Chair Professor, USJ) and Mr. Vipula Aberathna (University of Sabaragamuwa) serve as members of the advisory panel of this joint venture.



Working towards sustainability: transcending across nationalities (at the Yagirala Forest Reserve)



Clearing the path for a bright future through research and discovery.





Sunflowers in bloom: Seeds for germination and propagation of new plants (ideas)



KNOWLEDGE CENTRES OF NATIONAL IMPORTANCE

INFORMATION CENTRES OF KNOWLEDGE
ON NATIONAL ISSUES OF SOCIO-
ECONOMIC , POLITICAL AND CULTURAL
SIGNIFICANCE

INNOVATION, INVENTION AND VENTURE CREATION COUNCIL

Mission

In accordance with the mission of the University, and along the lines of the Strategic Plan (2017-2021) IIVCC was set up, 'To promote innovations, inventions and venture creations with the industry, covering both the public and private sectors'.

The Innovation, Invention and Venture Creation Council (IIVCC) of the University of Sri Jayewardenepura affords a social space for the academia and industry to work collaboratively for the betterment of each other. Innovations (significant changes that add value to an existing product or service) and inventions, (physical creation based on a new idea/ concept that is without a precedent) lead to venture creation (setting up and developing business) which serve as the bedrock for the prosperity of a nation. Interdependent with each other, innovation, invention and venture creation play a major role in the current days of globalization where everyone is aiming for competitive advantage in their respective business domains.

The IIVCC was set up in 2018 as the University's contribution to a theme of immense national importance. An initiative of Senior Professor Sampath Amaratunge, the Vice-Chancellor, it has attained several landmarks during its brief period of existence to date.

The IIVCC aims to achieve the following objectives:

- Create a positive nexus between the university initiated research and the needs and challenges of the industry;
- Extend and deepen the existing body of knowledge on innovation, invention and venture creation;
- Encourage inventors and innovators to work together, leading to commercialization of their endeavors;
- Assist entrepreneurs, both start-ups and established businesses, to transform their promising concepts into prosperous business ventures; and
- Recognize, utilize and protect innovations and inventions while complying with copyright and patent regulations.

CONTACT WEBSITE
<http://innovation.sjp.ac.lk/>

The activities of IIVCC are multi-faceted and spread over a wide spectrum which requires a robust structure as illustrated below:

Corporate Structure

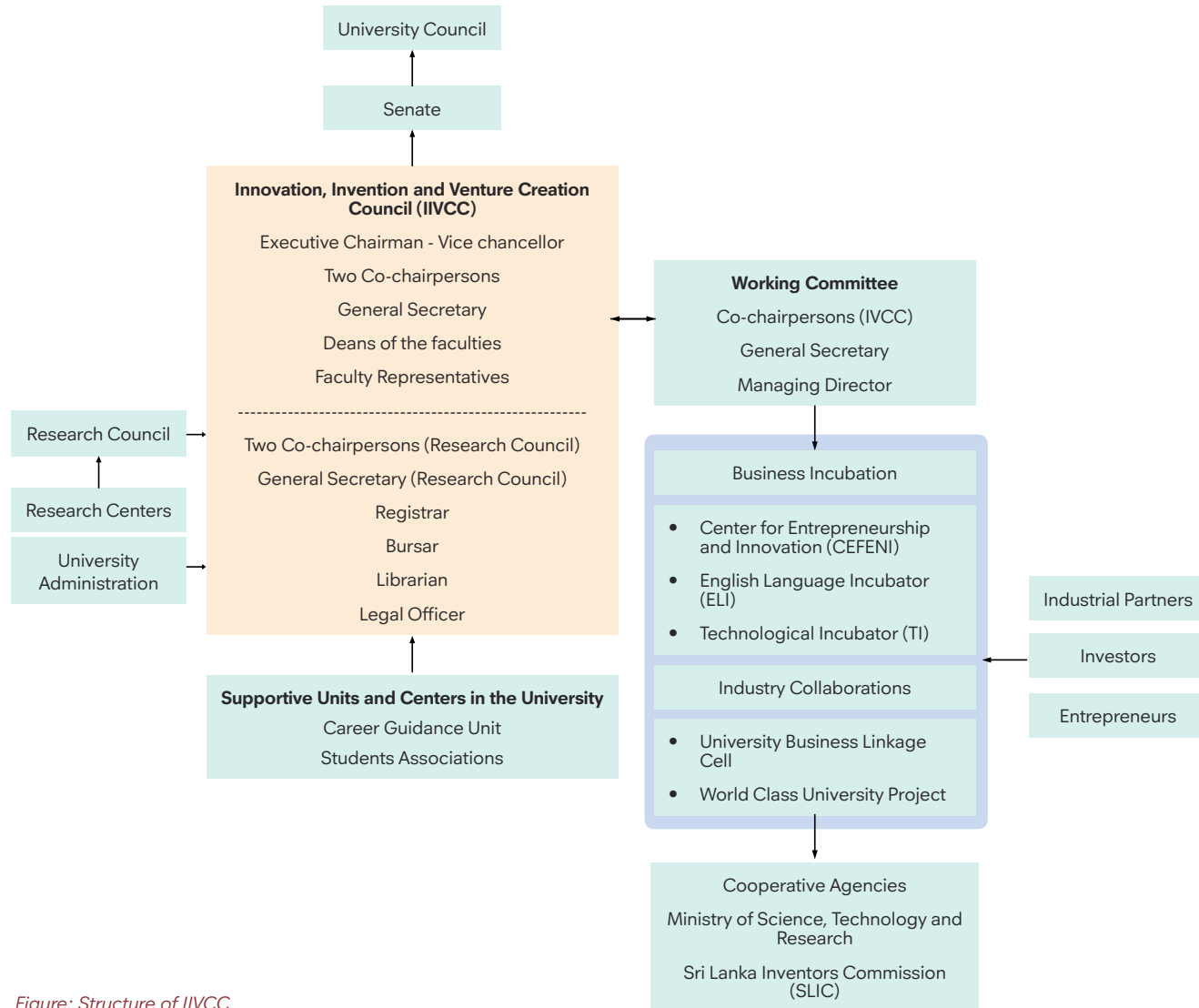



Figure: Structure of IIVCC

The core activities of IIVCC are Business Incubation and Industry Collaboration which are operationalized through a few sub-entities.

Business Incubation

Three entities are involved in its activities, viz. Centre for Entrepreneurship and Innovation, English Language Incubator and the Technological Incubator.



 A new and spacious office for CEFENI
Officials of IIVCC meet Dr. Bandula Wijay at
the PIM (R)

Centre for Entrepreneurship and Innovation (CEFENI)

The CEFENI sets up a platform for the development of an entrepreneurial culture through promoting entrepreneurship and innovation via providing a range of services:

Facilitating business incubation for the aspirant entrepreneurs and new starters; contributing to national level policy planning; operating an information hub to for relevant parties; creating a link between academia (researchers) and entrepreneurs; conducts national level fora, conferences and exhibitions on entrepreneurship related themes; promoting entrepreneurship at secondary and tertiary level education; promoting entrepreneurship among youth through provision of information, conduct of workshops and assisting in enterprise development; and facilitating development of ideas and prototypes for investors and innovators via a free idea laboratory/ idea incubator.

CEFENI caters to the entrepreneurial needs of a wide range of beneficiaries ranging from university students to members of the general public and has initiated no less than fifty successful start-ups to-date. CEFENI, now housed in its own premises at Pannipitiya, is now in a position to provide enhanced facilities to its clientele. Mr. R N Weerasinghe, Dept. of Entrepreneurship serves as the current Head of this unit.

Contact website <http://innovation.sjp.ac.lk/incubation/>

English Language Incubator (ELI)

The ELI is a space where the English Language needs of the entrepreneurial community are fulfilled. The services provided include editing of documents (incremental/ substantive, copy-editing, proof-reading and formatting) as well as translations. This is of immense value to those who have received their basic education in their mother tongue but are now required to use the English Language effectively in their documentation work.

Contact website <http://innovation.sjp.ac.lk/english-language-incubator-eli/>

Technological Incubator (TI)

The TI is a space where technical needs of the entrepreneurial community are fulfilled at a nominal fee. The services include providing advisory services and laboratory facilities in order to transform their business ideas and concepts into workable forms. The incubator is of immense value to those who are not in a position to obtain such services at market rates and with sufficient confidentiality.

Industry Collaborations

Two entities are involved in its activities, viz. University Business Linkages Cell and the World Class University Project.

University Business Linkages (UBL) Cell

The UBL Cell is devoted to linking the inventions and innovations to the needs of the industry. Managed by a small and dedicated staff, it provides the following services to the research and industrial community.

- Nurturing potential products and technologies through facilitating technical and funding support, as well as setting up a procedural framework for collaborative work;
- Facilitating consultancy and advisory services to industry on a broad spectrum of activities including business management, marketing and market research, legal advice, insurance matters, taxation issues, consultation innovation and technologies and technical consulting services;
- Providing research and development facilities for the benefit of client organizations from industry as well as promoting collaborative research;
- Enabling the university research community as well as industry the facility of making use of high-end (sophisticated) instruments and equipment housed in the Instruments Centre and the Polymers Centre in Excellence. This facility is provided to budding entrepreneurs and industry at reasonable rates.



 Innovate Sri Lanka 2019 Exhibition at the BMICH: Presentation stalls including start-ups



World Class University Project (WCUP-USJ)

The WCUP-USJ too supports the IIVVC through the linkages that are developed through the MOUs entered into with international higher education institutes as well as the series of workshops conducted with foreign experts. Please see section on WCUP-USJ

Contact website: <https://www.sjp.ac.lk/wcup/>

Technology and Innovation Support Centers (TISC)

This is a joint project that IIVCC has set up with the World Intellectual Property Organization (WIPO) and National Intellectual Property Office (NIPO) of Sri Lanka. The TISC Programme in the University is designed to give university staff and local inventors' easy access to locally based technical information and related services through various means such as conducting seminars.

Contact website: <http://ublcell.sjp.ac.lk/>



Center for Sustainability (CS)

The CS is an environmental extension, research and community outreach unit, linked to the Department of Forestry and Environmental Science, USJ. It promotes environmental protection and sustainable development in the country through industry support and productive university-industry partnerships.

Contact website: <http://sustainability.sjp.ac.lk/>



The IIVCC is akin to a complex machine comprising many wheels that are synchronized and in congruence. Suitably lubricated, it works with all its might, devoid of noise. The accomplishments of IIVCC are many and varied which will come to be appreciated fully as the seeds that have been sown bear fruit in the future.

Innovate Sri Lanka 2019 Exhibition

The pinnacle event of IIVCC's short history was Innovate Sri Lanka 2019, an exhibition organized in conjunction with the Diamond Jubilee Celebrations of the University. The event, held on a grand-scale on April 2 and 3, 2019 at the BMICH was declared open by HE President Maithripala Sirisena. It showcased over 200 stalls of innovation, 100 from the University and 100 from the industry, including novel start-ups. The exhibition was also symbolic of the effectiveness and efficiency of the IIVCC in producing results.

 Opening Ceremony of Innovate Sri Lanka 2019 Exhibition

A publication, 'Success Stories' compiled by the IIVCC was launched which contains information about the innovations and inventions that originated at the USJ and were showcased at the exhibition. The high-impact research carried out by the staff and students in the past are also featured in the publication. Further, it illustrates the dual aspects of transferring technology and expertise to external organizations for varied social and economic benefits across the public and private sectors.

Innovate Sri Lanka 2019 was a resounding success which gives the IICV and the University further strength and encouragement to unleash hidden potential of Sri Lankan innovators and inventors.

Start-ups, Case Studies



A selection of start-ups germinated at the IIVCC, USJ



Executive Chairman. IIVCC – Senior Professor Sampath Amaratunge



Co-Chairperson, IIVCC

Professor Shirantha Heenkanda, BA (Hons.); PGD in Statistics (USJ); MSc. (Kelaniya); MA (GRIPS-Tokyo); PhD (Nagoya), currently serves as Co-Chair, IIVCC. He is Professor in Economics, USJ as well as the current Dean, FHSS. A former Head, Dept. of Economics, he has been a consultant and committee member of many projects initiated by the Government of Sri Lanka. As Co-Chair he has been a driving force behind the fast growth of the IIVCC. Prof. Heenkanda is a prolific researcher in the field of Economics.

Co-Chairperson, IIVCC

Dr. AHL Renuka Nilmini, BSc. (Colombo); PhD (Cardiff), Senior Lecturer and Head, Dept. of Engineering Technology, USJ currently serves as Co-Chair, IIVCC. Prior to joining USJ she was Principal Research Officer and Head, Polymer Chemistry Dept. of the Rubber Research Institute of Sri Lanka. As Co-Chair she is closely engaged in promoting industry-university partnerships. Dr. Renuka Nilmini is a prolific researcher in Polymer Science and has published and presented widely.

Secretary, IIVCC

Dr. Lasith Gunawardena, BSc. (USJ); MSc.(Colombo); PhD (Shimane-Japan), Senior Lecturer, Dept. of Information Technology, USJ currently serves as Secretary, IIVCC. He is a Fellow Member, BCS and Member, IEEE, ACM and Internet Society. An Inventor with a patent in Japan for a gesture recognition system, Dr. Gunawardena has served as Chair, Sri Lanka Chapter of the IEEE (2009-10). He is also a Council Member of the Sri Lanka Academy of Young Scientists (SLAYS).



 *Members of the Innovation, Invention and Venture Creation Council, 2019*

CENTRE FOR GENDER EQUITY AND EQUALITY



Director, CGEE

The CGEE is currently headed by Dr (Mrs.) PDHD Gunatilaka (Hemamalie Gunatilaka), BSc. (Public Administration) (USJ); CTHE (Colombo); MSc. (USJ); PhD (Warwick, UK), Senior Lecturer, Dept. of Business Administration, USJ. She is also accredited as a teacher in higher education–Staff and Educational Development Association, UK. Dr. Gunatilaka has done much work in the area of gender equity and equality and has published and made presentations at local and international symposia.

The issue of gender equity and equality has been a perennial theme with manifestations in the sphere of higher education as well as the society at large. The University Grants Commission, having realized the relevance and implications of the theme in the state university sector, directed that Centres for Gender Equity and Equality are established in all universities with a view to finding solutions to the related issues. Accordingly, a Centre for Gender Equity and Equality (CGEE) was established in 2016 in the University of Sri Jayewardenepura that envisions to develop ‘a pleasant, peaceful and liberal, progressive study and work environment with zero tolerance for all forms of violence and harassment for students and staff, devoid of ragging and sexual and gender based violence’.

The overall objective of CGEE is ‘To enable a clear understanding of campus violence and harassment, identify root causes and establish appropriate mechanisms in order to eradicate ragging and sexual and gender-based violence’ while the specific objectives that emerge are as follows: .

- Create/ strengthen an ethos of zero tolerance for all forms of violence in the university including ragging and sexual and gender based violence in order to work towards prevention of same;
- Establish complaints and redress mechanisms that are trusted and responsive to the needs of victims or concerned persons;
- Develop an independent and robust monitoring system to strengthen institutional capacity to deliver redress; and
- Establish a transformative organizational management system and culture to enable persons to internalize the value of non-violence, empathy and collegiality.

These will be attained through a series of activities which include the following:

- Formulation of policy and the necessary regulatory legal instruments on sexual harassment and gender discrimination;
- Investigation of ragging, sexual harassment and gender discrimination;
- Empowerment of both staff and students; and
- Enhance awareness among staff and students on the virtues of gender equity and equality.

CONTACT WEBSITE

<https://www.sjp.ac.lk/cgee/>



Progress to date:

- Prepared a draft policy report on gender equity and equality for University of Sri Jayewardenepura;
- Took part in the study 'A Study on Ragging and Sexual and Gender Based Violence in the Sri Lankan University System', (initiated by the University Grants Commission and funded by the UNICEF) as one of the eight universities that formed the sample of the study. It aims at finding solutions to the problem of gender discrimination in the Sri Lankan university system. The CGEE has already submitted findings of the first phase of the study which has now entered its second phase.

It is hoped that the activities of the CGEE will open up new vistas towards eradication of the menace of sexual and gender based violence over a brief period of time, leading to a peaceful and liberal work environment for students and staff.



 *Presentation of findings of the study (above)
Inauguration of CGEE (below)*

CENTRE FOR EVALUATION



Director, CE

The CE is currently headed by Mr. Asela Kalugampitiya, Attorney-at-Law. He has worked for United Nations and several international organizations as a Monitoring and Evaluation Specialist.

Evaluation is an important theme for the world today in the context of its Sustainable Development Goals (SDGs) or the Agenda 2030. The whole world is preparing to achieve SDGs with a strong focus on evaluation. This is also supported by the United Nations resolution on evaluation passed by member states in December, 2014, leading to the International year of evaluation, 2015. In this context, a Centre for Evaluation (CE) was set up in the University in November, 2017. Incidentally, this happens to be the first such centre in the South Asian region and one of the few in the entire Asia.

The CE is driven by the mission 'To promote high quality and ethical, professional standards in evaluation through enhanced capacity at all levels'. In a broader perspective the Centre to establish a well-developed evaluation culture.

The Centre is planning to work in the following areas, with focus on Sri Lanka first, to be expanded to South Asia subsequently.

- Capacity building through training and knowledge sharing;
- Conducting joint evaluation programmes in collaboration with state and private sectors organizations improve evaluation skills;
- Promoting academic courses on evaluation in the public and private sectors;
- Advocacy for institutionalization of evaluation in public and private sectors;
- Enhancing the public awareness on uses and importance of evaluation;
- Developing and promoting evaluation standards, ethics and guidelines, and
- Publishing resource materials in the field of evaluation.

The centre has already developed several internationally recognized training products and developed a pool of skilled trainers. It has already received several requests from organizations for conduct of training modules which it will commence shortly. This, undoubtedly, will be the first steps of a long journey that CE has embarked upon which will bring immense benefits to the society.

CONTACT WEBSITE

<https://www.sjp.ac.lk/sites/evalc/>



 Inauguration of the CE



The row of weeping willows bordering the centre of physical wellbeing: the gymnasium, swimming pool and the tennis courts



A HOLISTIC UNIVERSITY

SERVICE CENTRES AND UNITS THAT
PROMOTE A DIVERSITY OF BALANCED
AND SUSTAINABLE EDUCATION
EXPERIENCES

EXTERNAL DEGREES AND EXTENSION COURSES UNIT



Director, EDECU

The EDECU is currently headed by Senior Professor E. Dayarathne, BCom. (Special) (Peradeniya); PGD (Dev. Econ) (Colombo); MA (Econ.) (Thammasat), Professor in Commerce and Head, Dept. of Commerce, USJ. He was appointed as Director, EDECU in March, 2016. During his long tenure as a senior academic, he has published several books and many publications in his area of expertise. In addition, Senior Professor Dayarathne has held a number of senior administrative positions in the University.



 12th external degree convocation-BMICH

Conduct of External Degree programmes has been a regular feature at the University of Sri Jayewardenepura for more than four decades. It was in 1979 that the External Degrees and Extension Courses Unit (EDECU) was formed for conduct of the Bachelor of Commerce (General) External Degree Programme. This was followed by the Bachelor of Arts (General) External Degree Programme (1991); BSc. Business Administration (General) External Degree and BSc. Management (Public) General (External) Degree (1997) and Bachelor of Social Sciences (General) External Degree in Environmental and Development Studies (2014). Thus, at present, External Degree Programs are offered by the Faculty of Humanities and Social Sciences (FHSS) and the Faculty of Management Studies and Commerce (FMSC) of University of Sri Jayewardenepura.

The EDECU is headed by a Director appointed by the Council of the University. In addition, the unit consists of three sub divisions viz. Division of Learning Resources, Division of Training and Division of Registration and Examinations with each division headed by a Co-ordinator. Further, the unit is governed by a Management Committee under the Chairmanship of the Vice Chancellor. The Director, EDECU is ably supported by a team consisting of Senior Assistant Registrar, Senior Assistant Bursar, Assistant Registrar and other staff members.

EDECU unit operates on a self-financing basis via the income generated from the conduct of the respective degree programmes.

CONTACT WEBSITE
<http://external.sjp.ac.lk/>

Degrees offered by FHSS

- Bachelor of Arts (General) External Degree
- Bachelor of Humanities and Social Sciences (General) External Degree
- Bachelor of Arts in English (General) External Degree
- Bachelor of Social Sciences (General) External Degree in Environmental and Development Studies

Degrees offered by FMSC

- Bachelor of Science Business Administration (General) External Degree
- Bachelor of Science Management (Public) General (External) Degree
- Bachelor of Commerce (General) External Degree

Some relevant statistics pertaining to external degree programmes are as follows:

Number of graduates from 1994-2018

Faculty	External Degree Programme	No.
Faculty of Humanities and Social Sciences	Bachelor of Arts (General) (Old syllabus)	12,835
	Bachelor of Arts in English (General)	15
	Bachelor of Social Sciences (General) in Environmental and Development Studies	20
Faculty of Management Studies and Commerce	Bachelor of Science Business Administration (General)	10,313
	Bachelor of Science Management (Public) (General)	681
	Bachelor of Commerce (General)	1,202
Total		25,066

Source: Database, EDECU

The EDEUC has taken many progressive steps during the last few years to provide its clientele with quality education. This arises from its firm conviction that access to higher education is the right of every human being. It will continue to render its services with even greater zeal in time to come.



At a workshop for staff members-Pasikudah .Sri Lanka (above)

An orientation session for a new intake of students-Commerce Stream (below)

CENTRE FOR IT SERVICES



Head, CITS

The CITS is currently headed by Mr. Harsha Munasinghe, BSc. (USJ); MSc. (USJ) who is also the Information Systems Manager, CITS, USJ. Having joined the Computer Centre in 1993 (currently the CITS), he was appointed as Officer in Charge in 2014 and subsequently as Head, CITS in 2018.



 An IT workshop conducted for the FHSS

The Centre for IT Services (CITS) is the core which manages the Campus-wide IT infrastructure, internet & e-mail facilities, server administration and maintains the e-services & applications while providing IT technical support and solutions for university students and staff. Apart from these, CITS develops and maintains the university web-sites and is also strengthened with a fully equipped media unit.

Way back in 1985, CITS was started as the Computer Centre of the University and was attached to the Department of Mathematics of the Faculty of Applied Sciences, USJ which later functioned as a separate unit directly under the Vice-Chancellor. As the first Computer Centre of the University, it provided computer facilities to both staff and the students related to the degree and other training programmes. In addition to academic inputs it also provided technical support. Most of the ICT facilities which we enjoy today were the initiatives of the Computer Centre and thus was responsible for its wide spread development.

A list of the diverse functions handled by the CITS is as follows:

Managing the university e-mail service; Managing and providing the internet facility; server Administration and maintenance of e-services & applications; designing & developing management information systems; software development and e-solutions; maintain the Private Cloud System; development and maintenance of the fiber optic backbone; designing & implementing local area networks; development and maintenance of the Wi-Fi network; development and maintenance of the University web-sites; providing digital media coverage and media productions; overseeing the installation, operation and maintenance of the intercom system;

CONTACT WEBSITE
<https://cits.sjp.ac.lk/>

administrating the installation, operation and maintenance of the VoIP System; troubleshooting and maintenance of ICT equipment; installation of software and providing security software; preparing specifications and technical evaluations; conducting special training programmes for University staff; assisting the University staff for their ICT requirements; and providing advisory services and technical support for students.

Located in the basement of the Sri Sumangala Building its operations are far-flung throughout the University. The centre is led by a Head who is also the Information Systems Manager. He is supported by a team comprising Senior Instructors in Computer Technology, an Assistant Network Manager, Computer Programmers, Technical officers and other staff members.

As the University travels through the 21st century, the CITS stands as its backbone, contributing to its progress in numerous ways. As the main IT Centre, CITS sees numerous possibilities for its future development, and with a competent and dedicated staff, would continue to serve the University in its journey to excellence.

INTERNAL QUALITY ASSURANCE UNIT



Director, IQAU

The Unit is currently headed by Senior Professor Samanthi Senaratne, BSc. Accounting (Special) (USJ); MBA (PIM-USJ); PhD (Finance) (Colombo), Department of Accounting, USJ. She is a prolific researcher and has published widely in the areas of corporate governance, corporate sustainability accounting and integrated reporting, and accounting education, both locally and internationally. She has won awards in recognition of her research work and participated as a panelist in various local and international fora on accounting education and integrated reporting.

Quality Assurance is of paramount interest in these times of complexity, change and competition. The Internal Quality Assurance Unit (IQAU) is the apex body responsible for the quality assurance of the University. Set up in 2013, the Unit is devoted to ensure that the quality assurance activities of the University are in alignment with the National Quality Assurance Framework of the Quality Assurance Council under the University Grants Commission. The IQAU is operationalized through the Internal Quality Assurance Cells that have been established in each faculty whose task is to study, guide and oversee the quality assurance activities relevant to the different programmes of study. The Unit is headed by a Director who is responsible for conduct of its academic and administrative activities.

An Internal Quality Assurance Policy has been developed by the IQAU which outlines the key aspects of the internal quality assurance approach of the University. An Operating Guidance has also been prepared which spells out the guidelines for the IQAU operations. The IQAU co-ordinates and provides guidance in all quality assurance related activities and reports monthly to the Senate of the University. Its scope of activities includes guiding and monitoring faculty level quality assurance in relation to curriculum development and review, teaching, learning, assessment, and staff development. It also focuses on identifying and sharing good practices among academic departments.

The activities of activities completed by the IQAU include the following:

- Preparation of a Quality Assurance Policy for the University;
- Preparation of the Operating Guidance for the IQAU and the Internal Quality Assurance Cells;
- Provision of guidance and coordination for the development of the policies and the Management Guide for the University;
- Preparation of the Self-Evaluation Report for the Institutional Review by the University Grants Commission, organization of evidence and facilitation in the conduct of the institutional review;
- Providing guidance to faculties of study in preparing Self Evaluation Reports for their Programme Reviews;
- Conduct of quality assurance workshops for all categories of staff in the University; and

CONTACT WEBSITE

<http://iqau.sjp.ac.lk/>

-
- Development of a website for the IQAU and thereby disseminate information on QA activities

Thus, through the IQAU is of recent origin it has established itself firmly as an indispensable entity within the University. It is hoped that the Unit will continue to grow both in terms of the scope and depth of its activities. Further, the small but dedicated staff will play an increasingly important role in realizing the goals of the IQAU.



 *An Institutional Review in progress*

PHYSICAL EDUCATION DIVISION

Mission

Conduct Educational activities that promote a healthy lifestyle enhancing a sense of the community, foster growth in leadership and team working skills and encourage the pursuit of excellence.



Director, PED

The PED is currently headed by Ms. Nishanthi Vidanage, BCom.(USJ) PGDip (Physical Education)(Pera). She was a member of the Sri Lanka badminton team during 1987-1993. While being in the University she won colours in badminton, tennis, basketball and hockey, and was adjudged the Outstanding Sportswoman, 1996. Ms. Vidanage has also served as Treasurer, Sri Lanka Universities Sports Association.

CONTACT WEBSITE

<https://www.sjp.ac.lk/physical-education/>



 Overall champions, SLUG 2016; A javelin thrower in action (R)

Though the Physical Education Division (PED) of the University was set up in 1968 evidence abound of the existence sports activities from its early days, for instance volley-ball (1961); athletics (1965) and a variety of other sports activities (1966). With humble beginnings, the PED has now grown to be a major force that is governed by a Sports Advisory Board, a Sports Council with day to day operations carried out by a dedicated staff headed by the Director, PED.

The PED is engaged in a range of sports related activities that are vital for the wellbeing of undergraduates. The Division is responsible for creating awareness about the benefits of engaging in sports and developing the requisite environment; providing training to undergraduates with the aim of participation at local and international sports events and conduct of sports events within the university. There are facilities to engage in over 32 different types of sports activities including athletics, badminton, baseball, basketball, , carom, chess, elle, football, hockey, karate, road racing, swimming, tennis, taekwondo, table tennis, volleyball weight-lifting and wrestling. In addition, recreational sports facilities such as bodybuilding, aerobics and yoga are available. They, in addition to the physical well-being of graduates, encourages development of soft skills which are essential attributes of a rounded graduate.



 Japura Wara-The Colours Awards Ceremony, 2017/2018
Prowess in sports (R)



The University excels in sports activities as is evident by its numerous achievements. For instance, they emerged overall champions in the Inter-University Championships (2015); Sri Lanka University Games (2016); Inter-University Championships (2017) as well as Sri Lanka University Games (2019). The university's students have participated in World University Games (e.g. South Korea, Malaysia, China and Russia) and Commonwealth Games as well. And, further, the participation of a student in the Rio Olympic Games (2016), the first ever undergraduate to achieve this feat.

The end of year Colours Awards Ceremony of the University is a glamorous event indeed. Organized by the PED, university colours are awarded to those who have fulfilled the required standards in different sports activities. Awarding colours involves a stringent assessment process culminating with ratification by the Sports Advisory Board.

The university offers a wide range of facilities for undergraduates to engage in sports activities. Among the facilities available are the outdoor volleyball court, basketball court, tennis courts, the 10 lane swimming pool and the cricket ground (with one matting and two clay pitches). Steps are now being taken to put up a modern gymnasium which has been a long felt need. Further, the lower area next to the cricket ground is to be laid with a 400 metre running track along with other facilities for track and field events.

In the sphere of physical education, the PED intends to introduce a certificate course in Physical Fitness for the benefit of undergraduates as well as others interested in the subject. This, with coverage of theoretical and practical inputs on physical fitness, is likely to be popular course of study.

The PED can justly be proud of its achievements. It hopes to continue on this path with even greater enthusiasm in the years to come. Thereby, it will be partner in the project aimed at developing a healthy community of students as well as winners who bring glory to the University in the sphere of physical education.



 Overall Champions, SLUG 2019



A practice session in the morning sun

CAREER GUIDANCE UNIT

Mission

To be a service centre of quality and excellence, while also being a role model for the Sri Lankan university system in supporting the university in its objective of helping produce capable, employable and satisfied graduates and potential leaders who are empowered to contribute positively to their own well-being as well as to the economy within the context of an ever-changing macro environment.



Director, CGU

The CGU is currently headed by Dr. Sudath M. Amarasena, BSc. (Public Administration) (USJ); MBS (AIT, Thailand and ESCP-EAP Oxford, UK); PhD (MSU Malaysia), Senior Lecturer, Department of Decision Sciences, USJ. He has demonstrated his prowess as an educator cum researcher via publishing 12 books and 10 papers in indexed journals. Further, Dr. Amarasena has served with distinction in several authoritative administrative positions, both locally and internationally.



The Career Guidance Unit (CGU) helps undergraduates to develop their skills and abilities of self-assessment, information seeking and decision making with respect to career education, career guidance and career management in an evolving world of complexity. It facilitates them to develop employability skills that are in alignment with life-goals and learning ambitions. Further, the CGU supports them in their search for employment and career projects. Owing to the diversity of the activities undertaken by the unit, it is considered as the leading CGU in the Sri Lankan university system.

The CGS was set up in 1998 and within a short period of time became known for its indispensable role in preparing students to take up responsibilities in the world of work. It was a time when CGSs were being set up in other universities as well. In 2000 the activities of CGSs were reviewed by a British Consultant that resulted in the issue of a special circular pertaining to the role of CGS. Since then the CGS of the University of Sri Jayewardenepura has grown by leaps bounds in terms the services rendered to undergraduates as well those who have just graduated.

The services rendered

Counselling and advising on possible career paths for undergraduates; conducting sessions on writing of curriculum vitae; conducting mock-interview sessions; maintaining databases so as to provide careers related information to undergraduates; conducting employability skill development workshops; organizing outward-bound-training camps; networking with the industry through conduct of job-fairs; working out internship training opportunities; conducting entrepreneurial skill development programmes and innovation enhancement sessions; conducting career guidance course units based on teaching modules developed by UGC; research and innovative skills development in



undergraduates; enhancing soft skills in students through conduct of interactive sessions; and conduct of seminars for the benefit of GCE (Advanced Level) students in order to smoothen young men and women's transition from school to University.

In conducting the above activities, the Career Skills Development Society (CSDS) and the Gavel Club play key roles.

CSDS: It organizes events such as Touch the Peak (J'pura Annual Job Fair and Entrepreneurial Ventures); JESA (J'pura Employability Skills Awards); Donate Happiness (Cancer Hospital Project); Arunella (Career Guidance Seminar for school children); and Shadow of Success (featuring leading personalities) in order to enhance the employability skills of undergraduates.

Gavel Club: This strives to develop public speaking and leadership skills of undergraduates via wide range of activities such as Vorbitor (Intra-university Best Speaker Competition); Junior Speech Master (Inter-school Best Speaker Competition); Speech Master (Inter-university Best Speaker Competition); and Tharanaya (a CSR project).

Other initiatives:

FLAIR (J'pura Inborn Talent Development Club) has been set up with the intention of showcasing the skills and fine-tuning the aesthetic talents of undergraduates through training sessions, workshops and a talent show. J'pura Spirit and J'pura Pulse aim at enhancing their soft skills and transforming them into all-rounders. In addition, out-bound training camps are also organized by the CGS.

The CGS encourages all undergraduates to avail themselves of the opportunities offered to them in the University's efforts to develop rounded personalities who will be in high demand in the world of work.



Junior Speech Master Contest, 2018 (above-L)

Taking the oath- AGM of the Gavel Club, 2019 (above-middle)

Shadow of Success, 2018 (above-R)

Vorbitor, 2019 (middle-R)

Workshop on etiquette and table manners (below-R)

STAFF DEVELOPMENT CENTRE

Mission

To create a learning culture among the university staff by mobilizing diverse resources in order to develop them to achieve their fullest potential.



Director, SDC

The SDC is currently headed by Dr. RB Marasinghe, MBBS; (MPhil-Medical Education) (Colombo); PhD (University of Queensland). His research interests are medical/nursing education, staff development & training, ICT/ innovative technology used in education and health/ telehealth/ biomedical informatics. Dr. Marasinghe is a member of the editorial boards of the Sri Lanka Journal of Bio-Medical Informatics and the Journal of the Ruhunu Clinical Society. He is also the Founder/Charter President of the Jayewardeneperu University Toastmasters' Club.



 Certificate Course in Teaching in Higher Education – An interactive session

The Staff Development Centre (SDC) of the University of Sri Jayewardeneperu has a specific mandate to uplift the quality of its employees by conducting suitable professional development programmes. It functions as a centre for professional development for the entire staff and thereby enable the fulfilment of the vision of the University.

The history of the SDC goes back to 2000 from whence, under different Directors, it made steady progress. Innovative training programmes and workshops were introduced from time to time including the Education Technology Training Programme (commenced under the auspices of the Department of Medical Education and Health Sciences) which was subsequently upgraded to the status of a certificate course (Certificate in Teaching in Higher Education) under the guidance of the UGC.

The introduction of the UGC Circular No. 937 of 2010, brought about a few structural changes that comprised appointment of a Management Committee to be headed by the Vice-Chancellor and a Programme Committee representing one member from each faculty of study. Currently, the SDC looks after the professional development needs of the entire university comprising academic, academic support, executive and non-academic staff members. Further, it is now in possession of a separate building equipped with modern facilities including an auditorium and a computer laboratory.

Programmes conducted


- Induction training programmes for new recruits, both academic and non-academic;
- Certificate Course in Teaching in Higher Education (CCTHE): This is a regular programme designed and conducted for the benefit of probationary lecturers to meet the criteria for confirmation in their posts. It is presently in high demand even among academic staff of other state and private sector universities.

The course currently consists of 80 hours of face-to-face sessions and a total of 256 hours of study hours. Further, it constitutes micro-learning lessons, adult learning theories and methods and an outbound training component. The assessment of performance is largely based on the preparation of a learning portfolio.

- On demand training that constitutes workshop conducted for the benefit of Deans, Heads of Departments, sub-wardens, co-ordinators, students councilors and administrators;
- Conduct of English and Tamil Training programmes for the benefit those who are in need of proficiency in languages;
- Conduct of professional development training for academic and non-academic staff;
- Conduct of the University of Sri Jayewardenepura Toastmasters' Club in compliance with its requirements of its international parent organization; and
- The SDC has also initiated and hosts the University of Sri Jayewardenepura Toastmasters' Club. It's an active community of over 25 academic staff members who take part in public speaking and communication activities in compliance with the requirements of its international mother organization.

As for its future, the SDC is now in the process of aligning fully with the Staff Development Policy of the University. With a qualified and dedicated staff and the enthusiasm of the beneficiaries, future prospects seem bright for the centre. Moreover, the CGS is driven by the conviction that an organization, after all, is its people, and they alone spell out its legacy and define its future.



 Induction Training Programme (outlining administrative aspects (above)
Outbound training (middle and below)


JAPURA MEDIA AND WEB TEAM



Director, JMWT

JMWT is currently headed by Professor Hiran Amarasekera BSc. (Hons.); Ph.D. (Wales); C.I.Biol.; F.I.Biol (Sri Lanka), Professor in the Dept. of Forestry and Environment Science and Director, Digital Media and Communication. His research interests include environmental science, forestry and anatomy, wood products, timber technology and forest products. Prof. Amarasekera is also an instructor in training science teachers and is an advisor on Science and Technology for the government Sri Lanka. He has also published widely in international journals and presented at international symposia.



 In recognition of exceptional performance



The Japura Media and Web Team (JMWT) forms an integral part of the University. Consisting of three arms, Web Team, Japura Radio and Japura Media it plays an invaluable role by way of covering and transmitting important events to stakeholders within and outside the University.

The Web Team is responsible for maintaining, upgrading and updating the university website (www.sjp.ac.lk). A prominent promoter of the University, the website provides information on a wide range of subjects: from basic information; past activities and notices to impending programmes. It is evident that the service provided by the Web Team to varied parties, viz. present and prospective students, staff, parents, the job market and the alumni is immense. It is now recognized as an all-inclusive, comprehensive and an up-to-date website, the University can take pride in.

Japura Radio, powered by the official media unit of the University is an on-line radio broadcast. In addition to dissemination of information of interest and value, it provides a platform for undergraduates to sharpen their presentation skills. Japura Radio also provides a space for academics and other specialists in various spheres of expertise to transmit their discourses globally. Further, it has always been on an expanding spree, in terms of content and the listenership.

Japura Media is engaged in capturing a multitude of occasions including interesting events, research stories and conferences. It also works in close association with the Web Team owing to the overlapping nature of their work. Lately, Japura Media has ventured into producing educational videos for the benefit of undergraduates and school children. Based on diverse educational themes, they have become exceedingly popular among target audiences.

CONTACT WEBSITE

<https://www.sjp.ac.lk/japuramedia/>

JMWT has emerged as winners of the Professional Producer-Electronic Media, Science Popularization Award at the 72nd Annual Sessions of the Sri Lanka Association for the Advancement of Science (SLASS). This professional award was presented in recognition of outstanding contribution by the JMWT in producing e-learning material, research talks together with the digital depository of publications (journals and abstracts, lessons and examination aids) as well as video productions on youth empowerment (Sarasavi Thrunya).



University of Sri Jayewardenepura
 Home Courses Faculties Students Staff Research PM

Japura Media

Japura Media is an official YouTube channel of the University of Sri Jayewardenepura. We will work with the University Staff Team to produce and disseminate quality audio-visual materials for educational purposes for school children and University students. Preference is given to University. These videos are available on our YouTube channel & Open Learning educational portal.

UNIVERSITY OF SRI JAYEWARDENEPURA
 Nuwegoda Sri Lanka

Watch Playlists

- Centre of Robotics and Intelligent Systems
- Shadow of Success Phase - 3 Quizzes
- Shadow of Success, 2nd Workshop
- Introducing Two Social Robotics FT...
- Social Robotics with the Dept of Com...
- GCE A/L 2019 Biology New Syllabus
- GCE A/L Physics New Syllabus Part...
- GCE A/L Physics New Syllabus Part...

📺 Launching videos associated with GCE (A/L) new syllabus



The park and the bordering trees with fallen leaves reminiscent of the lands across the seas



A UNIVERSITY ACROSS THE WORLD

TOWARDS A SOUND AND SOLID GLOBAL
NETWORK

WORLD CLASS UNIVERSITY PROJECT-USJ



Director, WCUP-USJ

The WCUP-USJ is currently headed by Dr. Ranil de Silva, MBBS; MPhil, a founder member of FMS, who assumed duties as Director in 2013, at a time when the world ranking of the University was 5,969. Within one year the ranking improved by 2,878 to the 3,091th position for which Dr. de Silva's contribution as Director, WCUP-USJ was immense. He was instrumental in establishing the Bio Bank, Brain Bank and the DNA/Gene Bank and also opening the USJ to international collaborations.


The World Class University Project at the University of Sri Jayewardenepura (WCUP-USJ) was commenced as an initiative of the University Grants Commission which stipulated the need for 'the implementation of a series of activities on par with international standards and to formulate and implement specific strategies to move up in the international ranking indices and become world class in order to achieve global excellence'.

The objective of WCUP-USJ is to focus on five areas which serve as determinants for University rankings leading to global acceptance, viz. teaching; research; citations; international outlook; and industry relations (Times Higher Education ranking system, 2019). Accordingly, since its inception in 2013, WCUP-USJ has recorded many achievements in this direction of which a few are outlined below:

Entering into Memoranda of Understanding (MOU)

The WCUP-USJ was instrumental in finalizing 15 international Memoranda of Understanding (MOUs) with higher educational institutes¹ in 8 countries viz. USA, Japan, EU (European Graduate School of Neuroscience - EURON), Australia, China, Korea, India and Taiwan. Further, four more international MOUs will be signed shortly.

- The MOUs with EURON, Australia, China and Taiwan lead for double/split MPhil. / Ph.D. programmes which are partially funded by the respective universities. Under this scheme one student is to be awarded a double doctorate shortly (Maastricht University, Netherlands) while two others have entered the stream;
- Chinese Institute of International Education: This MOU has facilitated the establishment of a Center for Private Public and People Partnerships (CP4) of USJ for initiation of business incubators within the university which is jointly-operated with Belt and Road Institute of Innovation and Incubation (BRILL), China;
- Chinese Academy of Sciences (CAS): The MOU with this high ranking academic institution involving a supreme scientific and technological advisory body has opened opportunities for postgraduate level studies for USJ students in China;

 MOU leading to tri-lateral collaboration among Japan, India and Sri Lanka (R)
Brain Awareness Day Workshop held in Nuwara Eliya for AL students (R)





- Chengdu Agricultural College, China: This institute with an alliance of 300 companies under the School of Creators College in the Silk Road has shown keen interest in conducting student exchange programmes involving USJ students;
- Guangxi International Business Vocational College (GIBV): This MOU has paved the way for developing and popularizing e-commerce in Sri Lanka.
- The MOUs have also resulted in scholarships for postgraduate level training and opportunities for participation at international conferences for students in top ranking universities in China, India, Japan, Malaysia, Netherlands, Singapore and USA.



At the Inaugural Ceremony of the Tradmed International 2017, Sri Lanka

Dignitaries and participants at the International Neuroscience Workshop, 2015 (R)

Apart from the international MOUs, the USJ has entered into an agreement with National Intellectual Property Office for providing the academic staff and local inventors with easy access to locally based, high quality technological information and related services.

Conduct of conferences and workshops


More than twenty international conferences and workshops were conducted that covered a wide range of topics of interest for researchers, industrialists and the general public. The renowned international resource persons exceeded 100 that included Nobel laureates and even meditation gurus. The cost of travel of resources persons were through international travel awards from foreign funding bodies.

The events of special interest conducted were International Neuroscience Workshop, 2015 and Tradmed International 2017, Sri Lanka.

Tradmed International 2017, Sri Lanka

This International Conference on Traditional Medicine and Educational Exhibition & Trade Fair, was organized by the Ministry of Health, Nutrition & Indigenous Medicine, WCUP-USJ and the World Health Organization where Director, WCUP-USJ functioned as co-chair.



 *Workshop on Mindfulness
At Houston, Texas (R)*



The event was graced by the HE President and Hon. Prime-Minister of Democratic Socialist Republic of Sri Lanka, Hon. Minister of Health, Nutrition & Indigenous Medicine, Hon. Minister of Science & Technology and Hon. K. K. Shailaja Teacher, Minister of Health of Kerala. The Conference was attended by over 1,000 participants and 50 international faculty where 350 abstracts were presented. To coincide with the event WCUP-USJ organized a Pre-symposium Workshop, 'Bridging Biotechnology and Traditional Medicine – A Multidisciplinary Approach' at the Faculty of Applied Sciences.

Establishing cells to initiate business enterprises

As practiced in leading universities in the world this is a much needed development in the Sri Lankan context. An important move in this direction was taken in the deliberations held with the China Business Council of the Ceylon Chamber of Commerce. Further, official discussions were held and interactive sessions conducted on the expansion of public-private partnerships with US based companies at which US embassy participated.

Further, as a steppingstone, a Business Incubator in the University has been set up through the contributions of Dr. Bandula Wijay² (University of Houston, USA). Further, the WCUP-USJ foresees to initiate and facilitate innovative research linking academia and industry leading to product development, patents and services to the society which will enable the University to become a self-sustaining entity.

Thus, during its period of existence of five years the WCUP-USJ has contributed appreciably to raising the standards of the University to those of world class universities in the world. However, much more remains to be done by the project in USJ's journey towards excellence.

Endnotes

¹European Graduate School of Neuroscience; University of Chinese Academy of Sciences; Northern Kentucky University; National Institute of Advanced Industrial Science and Biomedical Research Institute, Japan; Department of Biotechnology, Indian and the Queensland University of Technology, Australia.

²Scientist cum inventor of Sri Lanka with more than 30 patents to his name in the US and internationally

OFFICE OF INTERNATIONAL STUDENTS



Chairperson, OIS

The OIS is currently chaired by Dr. Lalith Ananda, BA (Pera.); BA (Kelaniya); MA; MPhil; PhD (JNU), Senior Lecturer in Linguistics, Dept. of English, USJ. He is the author of several books and has also published widely in indexed journals. Further, Dr. Ananda he has been a presenter at many local and international fora.

Setting up of the Office of International Students (OIS) is a recent initiative which aims at making the University of Sri Jayewardenepura a global competitor in the sphere of higher education. The OIS strives to promote the University and its degree programmes among international students through developing sustainable and fruitful partnerships with foreign universities.

The OIS engages in a wide range of activities. They range from providing the necessary information for potential students to make the right decisions, coordinating their travel and other arrangements to giving the moral support and guidance. It is the responsibility of the OIS to create an excellent learning experience for international students in a vibrant, supportive and safe environment. The OIS also partners with international universities to provide opportunities for students of the University to engage in learning and research through split-programmes, student-exchange programmes, study visits and similar activities and also offer the same opportunities for prospective international students.

Even during this short period after its establishment, OIS has directly facilitated visa and travel arrangements for a number of international students to join some of the degree programmes offered by the University of Sri Jayewardenepura. It has also negotiated a number of scholarships for the faculty members to pursue their doctoral studies in leading international universities. In addition to signing of MOUs with several international universities and thereby partnering in academic and research endeavours, the OIS is currently planning to conduct educational fairs in the neighboring countries in order to showcase the opportunities that the University of Sri Jayewardenepura offers to prospective international students.

The OIS is headed by a Chairperson, supported by six deputy directors (with doctoral qualifications), to look after each of the faculties of study. Being still in its initial stage, it is currently engaged in re-defining its scope of activities and also planning out its operational aspects. It will, in time to come, turn out to be an indispensable and a dynamic unit in the University.



The thel-bemma with bordering pathways form shady canopies of entwining branches





Halls of residence nestling among shade trees, reminiscent of green green grass of home



A HOME AWAY FROM HOME

STUDENTS' HALLS OF RESIDENCE AND
MEDICAL CENTRE



The University of Sri Jayewardenepura is committed to providing comfortable, healthy and safe accommodation to many students as possible within or in close proximity to the University. It is fully aware of the accompanying benefits such as living in the true spirit of the university life and availability of more time to devote to studies and extra-curricular activities. Thus, with these benefits in mind, the University has been striving continuously to enhance student accommodation both in terms of numbers and the quality of service provided.

The University, at present, owns 14 hostels of which 11 are located within the University while 3 are situated outside, but within a perimeter of 3 kilometers. In addition, it provides accommodation to students in 29 rented premises within approximately the same distance from the University. The number of students with accommodation as at December 31, 2018 is as follows:

Accommodation facilities as at December 31, 2018

Type of accommodation	Male students	Female students	Total
Owned	699	2,318	3,017
Rented	551	1,856	2,407
Total			5,424

Source: University database




Building hostels in the University premises goes back to mid-1960s with Dharmapala Girls Hostel being the first to come up. This was followed by Wimaladhamma Boys hostel with the rest following gradually over the years, the latest additions being Dr. Wimala de Silva Girls' Hotel (2005) and Rev. Piyaratna Thero Girls Hostel (2015). It is to be noted that hostels vary with respect to size and architectural aspects, reflective of the times of their setting up. As a mark of respect to the services rendered to the University and the society the hostels within the University premises have been named after the past Vice-Chancellors, scholar monks and renowned academia associated with the University¹.

The University adopts a formal and fair procedure in selecting students to different hostels. In this, criteria such as distance from home, family income, status of brothers and sisters, extra-curricular activities as well as physical disabilities are taken into account. As at present, providing accommodation is limited to first and final year of study which it hopes to extend to other years as well. A case in point is the Sarasavi Medura, which is presently coming up in Pitipana which when complete will increase hostel occupancy by 796. Further, renovation and refurbishment of existing hostel facilities is also carried out in a phased out manner.

The University is of the view that all these measures will have a considerable impact on the quality of its graduates.



 Halls of residence for shelter and relaxation

Endnotes

¹Most Ven. Wimaladhamma Thero; Most Ven. Piyaratana Thero; Most Ven. Walewitiye Sri Soratha Thero; Most Ven. Kotagama Wachisswara Thero; Prof. DE Hettiarachchi; Prof. Jinadasa Perera; Prof. Hema Ellawala and Dr. (Mrs.) Wimala de Silva.

MEDICAL CENTRE



The Doctor in Charge, MC

MC is currently headed by Dr. ADS de Silva. A graduate of USJ, she possesses postgraduate diplomas in Obstetrics and Gynaecology, Family Planning and Family Medicine and is also a Member of the Royal College of General Practitioners, UK. She has held senior medical positions at the Perth Royal Infirmary, Wishaw General Hospital and the Monklands Hospital. Dr de Silva has also made several presentations at the Sri Lanka Medical Association Sessions.



Adhering to the dictum 'Healthy mind in a healthy body', the University of Sri Jayewardenepura is deeply committed to promotion and sustenance of health among the University community that comprises students, staff and their families. A strategy adopted in this regard is the setting up of an effective and efficient Medical Centre (MC) within the University premises. Situated in a spacious building in cool surroundings it provides first contact and continuing care as well as co-ordination of secondary care services with the Colombo South Teaching Hospital. Abiding by the governmental policy all services are provided free of charge.

The MC comprises of the Chief Medical Officer, 4 medical doctors, a dental surgeon, 4 members of nursing staff and 3 pharmacists. In addition to first contact and continuing care it also engages in preventive care effected through the Public Health Department consisting of 2 Public Health Inspectors and a support staff of 8 health workers. Furthermore, MC offers counselling services to students via 5 qualified counsellors.

The MC provides in-patient facility for students and staff from 8.30 am to 4.00 pm, every day. It maintains a close association with students from their entry to the exit point from the University. They are required to register with

the MC within two weeks of receiving their university registration. And, thus begins a long and caring association between the student and the MC. Further, the MC maintains health records of every student during his stay in the University. In addition to the normal services provided, an ambulance is available for transfer of students to the Colombo South Teaching Hospital, even outside regular hours. In essence, the MC plays an indispensable role towards the well-being of the entire University community.



 *The interior of MC*



The delightful little wood where tranquility prevails





The kasa-gas sevana, the perennial training grounds for student public-speakers



STUDENT ASSOCIATIONS

EXTRA-CURRICULAR ACTIVITY
OPPORTUNITIES THAT ENHANCE
LEARNING AND EMPLOYABILITY AND MAKE
FOR WELL-ROUNDED CITIZENS



 *Away from books: Varied facets of University life*



The University of Sri Jayewardenepura is aware of the role of generic skills in developing competent graduates. They include a range of skills including communication, teamwork, leadership, creativity, problem solving, networking, sociability, adaptability and flexibility. In addition, attitudes, values and professionalism (the way of thinking and behaving) too contribute to developing wholesome and employable graduates. The wide range of student bodies (unions, societies and associations) that bound the university play a decisive role in inculcating these skills and attributes in students.

The student bodies operative in the University can be considered at three tiers:

- At the apex level, all students of the University are members of the University Student Union;
- At the second level, each Faculty of Study consists of a student union for which office-bearers are selected from among the students of the faculty; of whom office bearers of the University Student Union are selected; and
- At the third level, academic departments of the University may form subject based societies/ associations for furthering of academic and social objectives.

The University Student Union is governed by a constitution ratified by the University Council under the provisions of the University Act No. 16

of 1978. In the meantime, formation of subject based student societies/ associations should also follow a prescribed procedure including formulation of a constitution, requesting for recognition and registration with the Student Welfare Division.

Student bodies bring purpose and dynamism to the University through a myriad of activities that are carried out throughout the year. They include furthering student welfare; voicing their opinions on issues of topical interest; conduct of aesthetic, religious, sports and cultural events as well as subject (discipline) based activities. The University is ablaze with colour, beauty and the power that these activities bring to the premises. Understandably, those who play an active role in the student bodies experience a transformation taking place within them, through enhancing of their skills and attitudes and values. This undoubtedly will stand in good stead in their future careers.







The brick-red flowers provide the ideal foreground to the sisu-viru statue.



Greenery transcends the boundaries of the University



THE NEIGHBOURHOOD

AN ARENA OF PEACEFUL AND
HARMONIOUS COEXISTENCE



 *The side-walks*

The University of Sri Jayewardenepura maintains an intimate and inseparable relationship with its neighbourhood. The University, with lush and green paddy fields on the one side (bordering the Dehiwala-Maharagama sub-route) and concrete structures, people and vehicular traffic on the other (bordering the High-level Road) offer a blend of rural-suburb life. The neighborhood of the University, the area enclosed by the said main roads and intersecting by-roads forms a sub-economy by itself with a myriad economic activities taking place every minute.


Though a historian may recall a few incidents of unrest between university students and the neighborhood in the past, it has been one of peace and harmony in recent times. With a large concentration of students, staff and visitors in and around the University, the neighborhood plays an important role in satisfying their daily needs and wants.

There are many ways in which this takes place. First and foremost, the shortfall of accommodation provided by the University is met by residents in the neighborhood. This is accompanied by a chain of other requirements such as food, grocery, clothes and stationery items; modes of travel; banking; and other services such as photocopying and printing, repairing computers, photography, hairdressing and mending shoes and umbrellas. The surroundings from the High Level road to well past the University is a hive of activity when the University is in session. This gives rise to a win-win situation to all participants, with the university richer by the services received and the neighbourhood by the livelihood that it provides to several thousands of residents. In addition, the accompanying activities


add color and liven up the environs. This is evident by the dull looks and the crest-fallen comments of the landlord, food vendor, shop owner, three-wheel operator, banking assistant and even the shoe repairer when the university is on vacation.

It is hoped that relations between the University and its neighborhood fosters further for the mutual benefit of all associated parties.



 *The neighborhood, a sub-economy by itself*



 Flowers of different shapes and kinds that add colour to the campus, akin to its alumni who bring fame and glory to the University



A WEALTH FOR THE NATION

OUR ALUMNI, THE JEWELS IN OUR CROWN.



The jewel in the crown of any higher educational institution is its alumni. So it is with the University of Sri Jayewardenepura. The alumni makes it proud and motivates the University to work with even greater zeal.

Over the past sixty years the University of Sri Jayewardenepura has produced mammoth amount of alumni, both at undergraduate and postgraduate level. They are gainfully employed in the private and public sectors of Sri Lanka as well as overseas. A large number of them have acquired postgraduate qualifications and climbed the organizational ladder to hold plum in the public sector and private sectors, both here and overseas. The University has also produced politicians and a wide array of professionals: medical specialists, scientists, academia, artists, literati experts in oriental studies and entrepreneurs who have been shining stars in their chosen fields and done yeomen service to the society.

Set up in 2008, the Alumni Association of the University of Sri Jayewardenepura, aims at promoting professional affiliation and development as well as fostering goodwill and fellowship among its members. In addition, it aims at assisting the University in its developmental activities. Although the main association is located in Sri Lanka several alumni chapters operate in different parts of the world such as Australia, Canada, UK and the Middle East.

The alumni of the University serve as ambassadors of the University in their places of work and society through their contributions and conduct. It is our wish that they will keep the University flag flying high through their thought, words and action. There is no greater honour that they can bestow upon the University, their alma mater, and its teachers.

 Award of scholarships-Australian chapter of the Alumni Association (above)

A recipient of Pradeepa Pranam Award (above-R)

The green-walk (below)

CONTACT WEBSITE

<https://www.sjp.ac.lk/alumni>



 Pradeepa Pranama, 2018



Campaigning for sustainability: Through the past into the future



SPREADING ITS WINGS AND WAY FORWARD

TOWARDS GREATER GLORY AND
SERVICE TO SOCIETY



SPREADING ITS WINGS




The University of Sri Jayewardenepura is intrinsically identified with its spacious abode at Gangodawila, Nugegoda. Since coming into occupation in November, 1961 the University had expanded appreciably terms of faculties of study and facility centres that, by the turn of the century, it was bursting at its seams. Driven the University's values for spaciousness and a greenery, going in search of additional space beyond the campus was imminent. As a result of this expansion the University at present is a composite of several faculties of study and service centres situated in locations outside the main campus at Gangodawila, Nugegoda.



In 1961, the University was established in a plot of land of 55 acres received as a gift from the Sunethra Devi Maha Pirivena, Pepliyana following discussion between Most Venerable Welivitiye Sri Soratha Nayake Thero, the Vice-Chancellor and Most Venerable Medagoda Sumanatissa Nayake Thero, Chief Incumbent, Sunethra Devi Maha Pirivena. According to historical chronicles this was part of land donated to the Pirivena by King Buvenekabahu VI (15th Century AD), in memory of his mother, Queen Sunethra Devi. Hence, the immense historical significance of the location of the University.

Decades later, in 2012, the University took steps to acquire 8 acres of land for setting up of a building complex for the Faculty of Medical Sciences, a project that was completed in 2018. Situated across the road, and in close proximity to the main campus, this premises (Meth-Sevana) had been previously used as a state-run rehabilitation centre for women.

-  *Main Campus (above)*
- Medical Faculty - Meth-Sevana premises (middle)*
- Faculty of Technology - Pitipana, Homagama (below)*

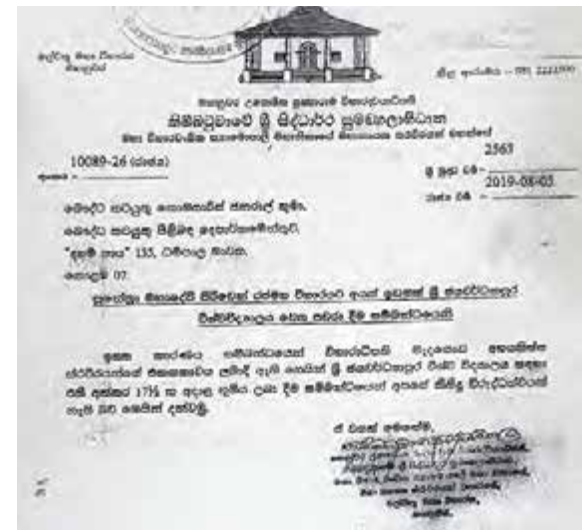
The next major expansion took place in in 2016 with the acquisition of 20 acres of land at Mahenawatta, Pitipana, Homagama. Coming up within the Western Province Mega-Police project, buildings of the Faculty of Technology are being put up in the land with completion scheduled for 2020.


This was followed by the acquisition of 10 more acres of land at Mattegoda, Kottawa, for setting up of a building complex for the Faculty of Engineering. The land, situated a few kilo meters away from the main campus, was acquired in 2017 and the buildings are coming up utilizing funds from the Asian Development Bank.

It is of interest to note that the University is now in possession of a second parcel of land (17.5 acres), yet another gift from the Sunethra Devi Maha Pirivena, sixty years after the earlier donation, in 1959. Situated in Pamunuwa, Maharagama, a few kilo meters away from the main campus, the land will be used for future development projects of the University. An initiative of Senior Professor Sampath Amaratunge, Vice-Chancellor and Most Venerable Professor Medagoda Abhayatissa Nayake Thero, Chief Incumbent, Sunethra Devi Maha Pirivena, it signifies repetition of history that took place sixty years ago.

There are several other locations owned by the University. Among them are Hema-vimana (across the road opposite the Main Administrative Building) where the External Degrees and Extension Courses Unit is located, the land at Abeyratne Mawatha, Boralessgamuwa where staff lodgings are coming up and the spacious buildings at Kohuwala Junction (near Kalubowila Teaching Hospital). Further, work is in progress to take possession of a prime block of land down 4th Lane, in close proximity to the main campus.

Thus, the University has now spread its wings beyond its traditional environs. It is hoped that this trend will continue in the years to come, giving vitality to the University's commitment to excellence.



 Acquiring land for the Faculty of Engineering (Mattegoda, Kottawa) (above)
Land down 4th Lane; Letter from Malwatte Chapter ratifying release of land at Pamunuwa, Maharagama (middle).
Hema-Vimana (below-L); Staff Lodgings (middle); Premises at Kohuwala Junction (R)



In celebration of 60 rewarding years, Sandeshawali Kavinaluwa, April 3, 2019 at BMICH, Colombo





WAY FORWARD

The way forward for the University of Sri Jayewardenepura is identified on a number of fronts.

Expanding the scope of Degree Programmes

In the current competitive business environment it is imperative that the University expands its portfolio of study programmes in response to the demand from associated disciplines, professions and job markets. Its current degree programmes already covers wide range of disciplines ranging from Humanities and Social Sciences to Medicine, Technology and Engineering while diversity of subjects range from Archeology, Buddhist Medicine and Creative Music to Nano-technology, Neurosciences and Genetic Modification Technology. In the coming years the University hopes to move into lesser known, but critical areas of study. It will also introduce major-minor and double-major options to its degree programmes in future curriculum development exercises. This will enable students to simultaneously specialize in in an additional area of study leading to greater acceptance for employment purposes.

In this evolving context steps are being taken to introduce two new faculties of study shortly.

- ◆ Faculty of Urban and Aquatic Bio-resources¹
- ◆ Faculty of Law²

Collaboration with renowned foreign universities

The University has already gained global recognition for some of its degree programmes by way of exemptions/accreditation from higher educational and professional bodies overseas. It wishes to proceed in this direction via collaborative arrangements with renowned foreign universities that will take the form of credit transfer schemes, student exchange programmes, spilt study programmes, etc.

Enhance the student intake into current degree programmes

Every effort will be taken to increase student numbers enrolled into its current study programmes. This will be a national need particularly with respect to study programmes with a growing demand in the job market. Depending on the resources available this will be attempted on a continuous basis.

Improving the efficacy of delivery using an IT platform

Having introduced a strong flavor of IT based applications into its study programmes the next phase of development would be to improve its mode of delivery through an upgraded IT platform. The University intends to achieve this via upgrading of audio-visual and related accessories, including lecture capture software at various IT centres and even lecture theatres. This will result in better use of its learning management system (LMS) as well

International collaboration in research and consultancy

Going beyond the conventional educational activities, the University intends to develop mutually beneficial international collaborations in the areas of research and consultancy. Obtaining the services of renowned academics for short periods, developing affiliations with global research institutes and networks, approaching international donor agencies for funding support, and activating provisions for research via memoranda of understanding are a few options that it would pursue in the short to medium term.

Strengthening the relations with the business community

Internship, research and consultancy are related phenomena that support each other. If aligned properly these activities will bring immense benefits to the student community, the academic staff and the business community. The University already maintains strong ties with the business community via its diverse internship programmes which it would extend into areas of business research and consultancy.

Service to the society

DA will be keen to strengthen the services to the society. A few areas of interest would be:

- Conduct of public seminars, workshops, seminars and short term certificate programmes on contemporary issues and themes;
- Strengthening the corporate social responsibility activities to support the marginalized and the underprivileged in society; and
- Greater participation in national level policy making endeavors.

Infrastructure development with conservation of the environment

The envisaged expansion of student numbers into current and new degree programmes will require expansion of infrastructure facilities. This will require going in for state-of-the-art and futuristic building complexes, laboratories and other facility centres. These, however, will be planned with a view to enhance the beauty of the environs with minimal harm on the natural surroundings of which the University takes pride in. Further, prudent management of flora on the campus will be given top priority with sustainability of plant life maintained as a running theme. This, however, will not refrain the replacement of trees which have reached their age of maturity according to a well-devised plan.

Working towards higher global rankings

A concerted effort will be made to enhance the University's status in global rankings. In this regard, steps are currently being taken to obtain full membership of the AACSB (Advanced Collegiate Schools of Business-a top global ranking body in the area of Management and Commerce Education). Likewise, global recognition will be sought through accreditation for its degree programmes and academic publications. These will, ultimately, be reflected in the world rankings publicized by global rating bodies.

Endnotes

¹Proposal being developed by a team headed by Prof. G Senanayake

² Proposal being developed by a team headed by Messrs JC Weliamuna and Athula Pathinayake

Sources

Acts of Parliament and Statutes

Ariyaratne, S 2009, *The story of Sri Jayewardenepura-A pictorial retrospect*, S Godage & Brothers.

Diamonds, Celebrating 60 years of excellence, University of Sri Jayewardenepura, Diamond Jubilee Souvenir, 2019

Prospectuses of Faculties of Study, University of Sri Jayewardenepura

The profile of the University of Sri Jayewardenepura, 2016


University of Sri Jayewardenepura Silver Jubilee Souvenir, 1984.

Wijewardena, H 2016, *Quest for knowledge*, Wimala Wijewardena, QLD Australia.



The lengthening shadows by the Bandaranayake Hall



 *A kithul flower in all its splendour, a rare sight indeed*



APPENDICES

APPENDIX I: EMBLEMS OF THE INSTITUTION



Vidyodaya University of Ceylon (up to 1978)

The previous emblem of the University takes the form of a circle with three concentric circles placed close together on the periphery. In the centre of this circle is a smaller concentric circle enclosing a bo-sapling (Ficus religiosa) with three leaves in a bowl (Pathraya). The circular band in the periphery carries a row of stylized animal figures, viz. elephant, horse, lion and cow, found in the Sandakada Pahana, of the Anuradhapura kingdom of ancient Sri Lanka. Between the outer set of concentric circles and the central bo-sapling in a bowl, is a wide circular band carrying the motto of the University on the upper half of the band, while the name of the University (then Vidyodaya University) appears in the lower half, both written in Sinhala characters.



University of Sri Jayawardenapura

The emblem of the University takes the form of a circle with three concentric circles placed close together on the periphery, all on a background of yellow. In the centre of this circle is a smaller concentric circle enclosing a full-blown lotus, *Nelumbo nucifera*, in abstract form, and consisting of two tiers of petals one underneath the other. In the centre of this circle stylized stamens enclosed in two concentric circles surround the receptacle. Between the outer set of concentric circles and the central lotus is a wide circular band carrying the motto of the University on the upper half of the band, while the name of the University appears in the lower half, both written in Sinhala characters.



The letters 'USJ' (University of Sri Jayewardenepura) was recently approved by the Senate of the University of Sri Jayewardenepura as its abbreviated form which will unify the different ways in which the University has been referred to in local and international fora, research, web articles, documents as well common jargon. This is of immense relevance at a time the University is committed to a journey of development on the lines of high-ranking international universities which are best known in their abbreviated forms. It is hoped that this will result in a greater appeal of the University to international audiences as well.

APPENDIX II: HEADS OF THE INSTITUTION

Vidyodaya Pirivena Parivenadhipathi Theros (1873-1959)

Most Venerable Hikkaduwe Sri Sumangala Thero	1873 - 1911
Most Venerable Mahagoda Gnaneshwara Thero	1911 - 1922
Most Venerable Kahawe Rathanasara	1922 - 1936
Most Venerable Baddegama Priyarathana Thero	1936 - 1958
Most Venerable Welivitiye Sri Soratha Thero	1958 - 1963

University of Sri Jayewardenepura Chancellors (1959-2019)

Sir Oliver Goonetilleka, Governor General (Ex-Officio)	1959 - 1962
Hon. William Gopallawa, Governor General (Ex-Officio)	1962 - 1977
HE JR Jayawardana President (Ex-Officio)	1978 - 1979
Dr. EW Adhikaram	1979 - 1983
Dr. (Mrs.) Wimala de Silva	1984 - 2001
Ven. Medagoda Sumanatissa Thero	2002 - 2005
Ven. Prof. Bellanwila Wimalarathana Thero	2005 - 2018
Ven. Dr. Ittapana Dhammalankara Thero	2018 - to date

APPENDIX III: VICE-CHANCELLORS (1959-2019)

Ven. Welivitiye Sri Soratha Nayake Thero	Jan. 1959 - July 1963
Ven. Palannoruwe Sri Wimaladhamma Nayake Thero	Aug. 1963 - Mar. 1966
Ven. Parawahera Vajiragnana Nayake Thero	Mar. 1966 - Sep. 1966
Ven. Balangoda Ananda Maithriya Nayake Thero	Oct. 1966 - Nov. 1966
Ven. Dr. Walpola Rahula Thero	Nov. 1966- July 1969
Prof. DE Hettiarachchi	Aug. 1969 - Aug. 1970
Prof. Hema Ellawala (Campus President)	Sep. 1970 - Sep. 1972
Prof. VK Samaranayake (Campus President)	Oct. 1973 - Sep. 1973
Prof. Wimal G Balagalle (Acting Campus President)	Oct. 1973 - Feb. 1974
Prof. MDC Dharmawardena (Campus President)	Mar. 1974 - Jan. 1975
Prof. WMK Wijetunga (Campus President)	Feb. 1975 - May 1977
Prof. KTD de Silva (Campus President)	June 1977 - July 1978
Prof. K Jinadasa Perera (President)	July 1978 - Dec. 1978
(Vice-Chancellor)	Jan. 1979 - Dec. 1981
Prof. TB Kangahaarachchi	Jan. 1982 – Jan. 1983
Dr. Karunasena Kodituwakku (Competent Authority)	Feb. 1983 – Mar. 1984
(Vice-Chancellor)	Mar. 1984 – Apr. 1988
Prof. LPN Perera	Apr. 1988 – Sep. 1990
Prof. SB Hettiarachchi	Oct. 1990 – Oct. 1992
Mr. WB Dorakumbura	Oct. 1992 – Oct. 1995
Prof. P Wilson	Nov. 1995 - Oct. 1998
Prof. Tissa Kariyawasam (Acting Vice-Chancellor)	Nov. 1999 – May 1999
Prof. JW Wickramasinghe	June 1999 – May 2002

Prof. Tissa Kariyawasam (Acting Vice-Chancellor)	June 2002 – Oct. 2002
Dr. Senevi Epitawatte	Oct. 2002 – Nov. 2003
Prof. Chandima Wijebandara (Acting Vice-Chancellor)	Dec. 2003 – July 2004
(Vice-Chancellor)	July, 2004 – Nov. 2005
Prof. Narada Warnasuriya	Nov. 2005 – Sep. 2008
Dr. NLA Karunaratne (Acting Vice-Chancellor)	Oct. 2008 – Nov. 2008
(Vice-Chancellor)	Nov. 2008 – Nov. 2014
Snr. Prof. Sampath Amaratunge	Nov. 2014 – to-date

APPENDIX IV: EMERITUS PROFESSORS

(in alphabetical order)

Faculty of Humanities & Social Sciences
Prof. Sunil Ariyaratne
Prof. P Athukorala
Prof. WG Balagalla
Prof. CKM Deheragoda
Prof. Malini Endagama
Prof. SB Hettiarachchi
Prof. MM Karunanayake
Prof. Jinadasa Katupotha
Prof. TG Kulathunga
Prof. Mahinda Palihawadana
Prof. G Ariyapala Perera
Prof. BA Tenison Perera
Prof. WADS Wanasinghe
Prof. Chandra Wickramasinghe
Prof. Chandima Wijebandra
Prof. Wimal Wijerathne
Faculty of Applied Sciences
Prof. AM Abeysekara
Prof. Arthur Bamunusinghe
Prof. RA Dayananda
Prof. Kuri de Silva
Prof. Tuly de Silva
Prof. KMEP Fernando
Prof. WS Fernando
Prof. J Jinadasa
Prof. HG Nandadasa

Prof. S Piyasiri
Prof. DA Thanthirigoda
Prof. Chandra Wijeyaratne
Prof. PAJ Yapa
Faculty of Management Studies & Commerce
Prof. WMA Bandara
Prof. MW Wickramarachchi
Faculty of Medical Sciences
Prof. Mohan de Siva
Prof. WMM de Silva
Prof. Sriyani Ekanayake
Prof. Geetha Fernando
Prof. SB Gunatilake
Prof. ER Janz
Prof. SD Jayarathne
Prof. Jayantha Jayawardene
Prof. MAJ Jayewardena
Prof. MSA Perera
Dr. S Sivayogan
Prof. Narada Warnasuriya

APPENDIX V: H-INDEX VALUES

(as at November 28, 2019)

List of academic staff with H-Index value of 5 or above, organized by respective Faculties of Study

Name	No. citations	H Index
Humanities and Social Sciences		
Prof. C A D Nahallage	296	11
Dr. K M Alexander	117	7
Faculty of Applied Sciences		
Dr. M.S Vithanage	5375	34
Dr. R.M.A.U Rajapaksha	3586	23
Dr. M D G S Manamgoda	1901	19
Dr. W L I Wijesekara	3042	17
Prof. A R Kumarasinghe	1691	15
Dr. P K D D P Pitigala	949	15
Snr. Prof. P.P.M Jayaweera	806	16
Dr. N M S Sirimuthu	1575	15
Snr. Prof. M M Pathmalal	1006	16
Snr. Prof. B M P Singhakumara	710	14
Dr. P R S De Silva	835	13
Snr. Prof. K K D S Ranaweera	544	12
Prof. M N S Kottegoda	556	10
Prof. L D C Peiris	269	10
Dr. E A T A Edirisooriya	590	11
Dr. W I R Fernando	219	9
Dr. P K P Perera	282	10
Dr. D C T Dissanayake	161	9
Dr. R S Lokupitiya	402	8
Prof. R G N Meegama	218	8
Dr. Prasad M Jayaweera	297	8
Prof. L Karunanayaka	283	9

Dr. B A Perera	472	7
Dr. Thusitha N. B. Etampawala	229	7
Prof. S M C U P Subasinghe	157	7
Snr. Prof. B G D N K de Silva	205	7
Dr. T G I Fernando	1034	7
Dr. B P W Fernando	79	6
Dr. S Jayawardhana	229	6
Dr. M L C Attygalle	98	6
Snr. Prof. S P Deraniyagala	120	6
Snr. Prof. S S L W Liyanage	131	6
Dr. N T Perera	94	6
Prof. W T P S K Senarath	92	6
Dr. D Gunawardana	117	6
Prof. N J G J Bandara	402	7
Dr. D T Jayawardana	117	6
Dr. Nayana Wijethilaka	117	6
Dr. Suraji Senanayake	123	6
Dr. N G S Shantha	155	5
Dr. K M T D Gunasekara	234	5
Dr. J.K Walpita	158	5
Dr. U A D P Gunawardana	108	6
Snr. Prof. D M S H K Ranasinghe	75	5
Prof. H S Amarasekara	139	5
Prof. B M S G Banneheka	103	6
Dr. I Wickramasinghe	140	6
Dr. M P G Vanniarachchy	93	5
C L Jayasinghe	43	5
S D M Chinthaka	52	5
Faculty of Management Studies and Commerce		
Snr. Prof. H H D N P Opatha	563	11
Snr. Prof. K D Gunawardana	269	7
Prof. D S N P Senarathne	157	8

Dr. A S P G Manawaduge	157	8
Dr. M D Pushpakumari	237	7
Prof. R G Ariyawansa	126	6
Dr. P G S A Jayarathna	235	6
Dr. B J H Arachchige	198	6
Dr. G G Aruna Shantha Gamage	238	7
Dr. C Hewagamage	167	6
Snr. Prof. R L S Fernando	84	5
Miss. K M V Sachithra	85	6
Prof. D S R Samarasinghe	91	5
Prof. Y K Weerakoon Banda	84	5
Dr. K S L Gunawardana	83	5
Dr. A D N Gunarathne	152	5
Dr. M K H G A Sisira Kumara	66	5
Faculty of Medical Sciences		
Prof. G N Malavige	2609	27
Snr. Prof. S S N Fernando	943	17
Prof. S Fernando	1357	15
Snr. Prof. K A K K Wijewardana	822	14
Prof. S Ekanayake	796	14
Dr. T D C P Gunasekara	403	13
Prof. D R Wickramasinghe	616	13
Dr. M M Weerasekara	330	12
Prof. U G Chandrika	530	11
Prof. J K P Wanigasuriya	577	11
Prof. K R D de Silva	643	10
Dr. B C V Senarathna	565	9
Dr. J M K C Jeewandara	362	9
Dr. S Prathapan	295	10
Prof. T S Suresh	332	8
Snr. Prof. Hemantha Peiris	327	9

Dr. I K Liyanage	253	9
Dr. R B Marasinghe	529	8
Dr. P H K I S Ranasinghe	228	8
Snr. Prof. S G Yasawardena	363	7
Prof. D D Weerasekera	704	8
Dr. U P K Hettiarachchi	122	6
Prof. J Indrakumar	176	7
Prof. C A Wanigatunge	140	7
Dr. C N Wijekoon	330	7
Prof. A A Pathirana	162	6
Dr. J Kottahachchi	115	5
Dr. D M B T Dissanayake	60	5
Dr. W A N Y Silva	106	5
Dr. K L M D Seneviwickrama	102	5
Dr. I V Premathilaka	44	5
Dr. N L A Shyamali	173	6
Prof. P A P G Jayawardane	199	5
Prof. M Vidanapathirana	80	5
Faculty of Technology		
Dr. S D Udayanga	2091	21
Dr. K G L R Jayathunga	128	7
Dr. Sankha Widinghe	70	6
Dr. Asangi Gannoruwa	62	5
Dr. Senaka Amarakeerthi	75	5
Faculty of Engineering		
Dr. M N Dharmaweera	124	5
Dr. S A A M Subasinghe	110	5
Dr. K M C Konthesingha	105	6
Faculty of Allied Health Sciences		
Dr. N R Samaranayake	281	7
Dr. A M B Priyadarshani	106	7
Dr. D I Uluwaduge	120	5

APPENDIX VI: SELECTED FLORA ON THE CAMPUS

TREES							
ENDEMIC		NATIVE			EXOTIC		
Scientific	Sinhala	Scientific	Sinhala	English	Scientific	Sinhala	English
<i>Mangifera zeylanica</i>	Atamba, Wal Amba	<i>Lannea coromandelica</i>	Hik	Wodier jhingam	<i>Pouteria campechiana</i>	Rata laulu	Yellow sapote
<i>Calophyllum calaba</i>	Heen keena, Guru keena	<i>Alstonia scholaris</i>	Ruk attana	Devil tree, Dita bark	<i>Ficus benjamina</i>	Walu nuga	Weeping fig, java fig
<i>Diperocarpus zelanicus</i>	Hora	<i>Caryota urens</i>	Kithul	Sago palm, kitul palm	<i>Couropita surinamensis</i>	Sal	Canon ball tree
<i>Mesua stylosa</i>	Suwanda, Honakka	<i>Calophyllum inophyllum</i>	Domba	Alexandrian laurel	<i>Tectona grandis</i>	Thekka	teak
<i>Vateria copallifera</i>	hal	<i>Mesua ferrea</i>	Naa	Iron wood	<i>Erythrina subumbrans</i>	Erabadu	December tree
<i>Semecarpus nigroviridis</i>	Geta badulla	<i>Trema orientalis</i>	Gadumba	Charcoal tree	<i>Casuarina equisetifolia</i>	Kasa	Bull wood, Whip tree
		<i>Terminalia bellirica</i>	Bulu	Myrabalans			
		<i>Terminalia arjuna</i>	Kumbuk	Arjun			
		<i>Terminalia chebula</i>	Aralu	Gall-nut			
		<i>Dillenia indica</i>	Hondapara				
		<i>Dillenia retusa</i>	Godapara				
		<i>Cinnamomum cassia</i>	Dawul-Kurundu	Wild cinnamon			

SHURBS					
NATIVE			EXOTIC		
Scientific	Sinhala	English	Scientific	Sinhala	English
<i>Justicia adhatoda</i>	adathoda	Malabar nut	<i>Chysallidocarpus lutescens</i>		Cane palm
<i>Cheilocostus speciosus</i>	thebu	Spiral ginger, Crape ginger	<i>Dracaena fragrans</i>		Fragrant dracaena
<i>Erythroxylum mooni</i>	Bata kirilla		<i>Furcraea foetida</i>		Mauritius hemp
<i>Crotalaria retusa</i>	Kaha andanahiriya	Rattle weed	<i>Manihot esculenta</i>	Mangnokka	Manioc
<i>Senna occidentalis</i>	Peni thora	Coffee weed	<i>Caesalpinia pulcherrima</i>	Monara mal	Peacock flower
<i>Cheilocostus speciosus</i>	, Tebu	Spiral ginger, Crape ginger			
<i>Memecylon umbellatum</i>	Kora-Kaha	Blue mist			

CREEPERS							
ENDEMIC		NATIVE			EXOTIC		
Scientific	Sinhala	Scientific	Sinhala	English	Scientific	Sinhala	English
<i>Uvaria semecarpifolia</i>	Kara bambara	<i>Hemidesmus indicus</i>	Heen iramusu	Indian sarassaparilla	<i>Syngonium angustatum</i>	Wel kohila	Five fingers
<i>Vernonia zeylanica</i>	Wal pupula	<i>Aristolochia indica</i>	Sapsada	Indian birthwort	<i>Dioscorea alata</i>	Dandila	King yam
<i>Argyreia populifolia</i>	girithilla	<i>Asparagus falcatus</i>	Hatawariya		<i>Psophocarpus tetragonolous</i>	Dara dambala	Winged bean
		<i>Mukia maderaspatana</i>	Gon kekiri	Madras pea pumpkin	<i>Vanilla planifolia</i>	Vanilla	Vanilla
		<i>Tinospora cordifolia</i>	Rasakida	Tinospora			
		<i>Rourea minor</i>	Goda-kirindi, Kirindi wel				
		<i>Merremia tridentata</i>	Hawari-madu, Heen-madu	African morning vine			
		<i>Cyclea peltata</i>	Kehipiththan	Pata root			

HERBS					
NATIVE			EXOTIC		
Scientific	Sinhala	English	Scientific	Sinhala	English
<i>Eclipta prostrata</i>	Kikiridiya	Marsh daisy	<i>Evolvulus nummularius</i>	Sudu vishnukranthi	
<i>Emilia sonchifolia</i>	Kadupahara		<i>Euphorbia millii</i>		Crown of thorns
<i>Rhipsalis baccifera</i>	Wal nawahandi	Mistletoe cactus	<i>Mimosa pudica</i>	Nidikumba	Sensitive plant
<i>Gloriosa superba</i>	Niyagala	Glory lily	<i>Mirabilis jalapa</i>	Hendirikka	Four O' clock plant
<i>Ocimum tenuiflorum</i>	Maduru thala	Holi basil	<i>Piper longum</i>	Tippili	Long pepper
<i>Munronia pinnata</i>	Bin-Kohonba		<i>Episcia reptans</i>		
<i>Sida cordata</i>	Bevila, Wel bebila		<i>Oxalis corniculata</i>	Embul embiliya	Common sorrel

● FERNS

Drynariaquercifolia; Pyrrosiaheterophylla;
Salviniamolesta; Aspleniumnidus;
Nephrolepiscordifolia;
Adiantumcaudatum; Adiantumlatifolium;
Ceratopteristhalictroides; Pteris sp.

AQUATIC PLANTS		
NATIVE		
Scientific	Sinhala	English
<i>Pistia stratiotis</i>	Diya paradel	Water lettuce
<i>Nymphaea capensis</i>	Manel	Blue water lily



Yagirala forest reserve, Matugama, maintained by USJ





University of Sri Jayewardenepura
Nugegoda, Sri Lanka.

Tele : +94 11 2758000, +94 11 2802022, +94 11 2801024, +94 11 2801025
Web : www.sjp.ac.lk
Email : info@sjp.ac.lk

ISBN 978-955-4908-83-3

