



# STUDENT HANDBOOK

**2023/2024**

**Faculty of Indigenous Health Sciences and Technology**  
Gampaha Wickramarachchi University of Indigenous Medicine  
Sri Lanka

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**Faculty of Indigenous Health Sciences and Technology**  
Gampaha Wickramarachchi University of Indigenous Medicine  
Sri Lanka



**Ayurveda Chakravarti Pandit G. P. Wickramarachchi**  
Founder of Gampaha Siddhayurveda Medical College

"As the traditional lamp ignited by me,  
destroys the darkness of this assembly hall,  
may the wisdom of light emanating from the  
the education program of the institute enlighten the entire Sri Lanka."

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## CHANCELLOR OF THE UNIVERSITY



Sahithya Chakravarthi, Anunayaka Thero of Malwatta Chapter,  
**Venerable Dr. Niyangoda Dharmakeerthi Sri Sangarakkitha**  
**Vijithasiri Thero**

**Chancellor**

Gampaha Wickramarachchi University of Indigenous Medicine,  
Sri Lanka

## MESSAGE FROM THE FOUNDING VICE-CHANCELLOR



### Senior Professor Janitha A. Liyanage

PhD (UK), BSc (Hons) (USJ), CChem, CSci, FRSC,  
FICChemC  
Founding Vice-Chancellor  
Gampaha Wickramarachchi University of  
Indigenous Medicine  
Sri Lanka

By dint of the relentless effort made by my team of all walks, the Gampaha Wickramarachchi University of Indigenous Medicine (GWUIM) was established as the 16<sup>th</sup> national university under the purview of the University Grants Commission of Sri Lanka. We have modeled a new and unique academic ambience for you to pursue your higher educational attainments that are to be competitively employable worldwide.

The GWUIM is privileged to have an outstanding staff and excellent infrastructural facilities even at its early stages of operations. Our program curricula are aligned with industrial solicitations, thus facilitating you to acquire exceptional industrial exposure to enhance your performances. At this juncture, as the third student intake of this university, you join the campaign of GWUIM to introduce an innovative and disruptive fashion to the higher educational sphere of Sri Lanka. We shall be determined to utilize our resources productively to establish ourselves firmly among the world's leading universities. As the founding Vice-Chancellor who witnessed the birth of this university, I warmly welcome you all to our academic pursuit with heartfelt sincerity.

I would say that you too have a key role to play here for the upliftment of this university and it entails the concomitant success of your individual achievements. I believe you may chase after the progress of working as a member of the GWUIM family. I wish you all the good luck in your future endeavors.

Senior Professor Janitha A. Liyanage

Former Ambassador Extraordinary and Plenipotentiary of the Democratic Socialist Republic of Sri Lanka to the Russian Federation

Founding Vice-Chancellor, Gampaha Wickramarachchi University of Indigenous Medicine

Senior Professor in Chemistry, University of Kelaniya, Sri Lanka

## MESSAGE FROM THE VICE-CHANCELLOR



### Senior Professor A.W.K. Wasantha Subasinghe

PhD (China), MSSc (UoK), BA (UoK)  
 Vice-Chancellor (Acting)  
 Gampaha Wickramarachchi University of Indigenous  
 Medicine Sri Lanka  
[vc@gwu.ac.lk](mailto:vc@gwu.ac.lk)

As the incumbent Vice-Chancellor of the Gampaha Wickramarachchi University of Indigenous Medicine (GWUIM), I feel esteemed to welcome you to this distinctive academy in the sphere of tertiary education of Sri Lanka. The GWUIM fosters the scholarly patronage exclusively for both indigenous and modern knowledge paradigms and upon its establishment as a public university, it plans to expand its domains of higher education with a bundle of undergraduate degree programs that were particularly designed to align with national interests.

The GWUIM is determined to take a leap in its academic endeavors with her fleet of dynamic human resources and swiftly developing physical resources. In this expedition, you will be one of the key stakeholders to get into the boundaries of this university by way of the fourth-ever undergraduate student cohort. I warmly embrace you all to the family-GWUIM pointing up the salience of your role in the forward march of this institution. The institutional progression of the GWUIM will have a reciprocal relationship with your personal higher educational attainments. Therefore, I would like to cheer you from the right outset of your life at GWUIM to take the maximum benefit of your undergraduate tenure leaving a brick of success for the university.

Ultimately, I wish you lots of luck during and beyond your life with the GWUIM. We shall place ourselves on top of the brand of GWUIM.

Senior Professor A.W.K. Wasantha Subasinghe  
 Vice-Chancellor (Acting)  
 Gampaha Wickramarachchi University of Indigenous Medicine

# GAMPAHA WICKRAMARACHCHI UNIVERSITY OF INDIGENOUS MEDICINE

## Background of the University

Gampaha Wickramarachchi University of Indigenous Medicine is the successor of the higher educational institution of Sri Lanka Siddhayurveda Medical College founded by Ayurveda Chakravarthi Pandith G. P. Wickramarachchi on 19<sup>th</sup> July 1929. It was the center of learning Siddhayurveda traditions of indigenous medicine in Sri Lanka.

Considering its contribution to the national health sector, the medical college was first declared as a state-recognized institute in 1951. In 1982, the institute was incorporated into the purview of the Ministry of Indigenous Medicine and since 1995 it was operated as an affiliated institute of the University of Kelaniya by the name of Gampaha Wickramarachchi Ayurveda Institute. This institute started offering a Bachelor of Ayurveda Medicine and Surgery (BAMS) degree program in 1998.

The Gampaha Wickramarachchi University of Indigenous Medicine was established on 1<sup>st</sup> March 2021 as a fully-fledged University to set patterns in undergraduate and postgraduate education in indigenous knowledge integrated with science-based technology to demonstrate the highest standards of education, research, and innovations.

## University Vision and Mission

### Vision

To be a centre of excellence in indigenous medical education

### Mission

To produce a high-quality learning environment and to promote innovative research culture in indigenous medical sciences to produce graduates equipped with knowledge and skills to cater the national and global needs

# GAMPAHA WICKRAMARACHCHI UNIVERSITY OF INDIGENOUS MEDICINE

## University Emblem

1. Ola leaves Manuscript - Heritage of the Indigenous Knowledge  
තල්පත් පුස්තකය - දේශීය ශිල්ප ශාස්ත්‍ර උරුමය
2. Moon and Sun  
චන්ද්‍ර සූර්ය සංකේත - චිරකාලීන පැවැත්ම
3. Punkalasa with Lotus flowers  
නෙළුම් මල් සහිත පුන්කලස - සෞභාග්‍යමත් දේශය
4. Two springs - stems with leaves - Prolificacy and Fertility  
පත්‍ර සහිත ශාඛාද්වය - ප්‍රවර්ධනය සහ සාප්තයාව
5. Blooming Lotus with 16 petals - Purity and Perfectness of the Science and Knowledge about the Universe  
පියුම්පත් 16කින් යුතු සුපිපි නෙළුම් මල - විශ්වය පිළිබඳ තත්‍ය වූ ද පරිපූර්ණ වූ ද සුපරිශුද්ධ ඥාන සම්භාරය
6. Couple of Swans holding the lighting lamp - Well-educated, skillful Intellectuals with love and compassion  
පහන් ටැඹ දරා සිටින භංස යුග්මය - සුපරිශුද්ධ ඥාන සම්භාරයෙන් සුපෝෂිත කෘතභස්ත කුශලතාපූර්ණ සබුද්ධික සන්ප්‍රජාව
7. Radiant Light - Wisdom  
කිරණ මණ්ඩලය - ප්‍රඥාව
8. The Lion holding a sword in its right forepaw - Sovereignty of Sri Lanka  
කඩුපත සුරතීන් දරා සිටින සිංහ රූපය - ශ්‍රී ලාංකේය පරමාධිපත්‍යය

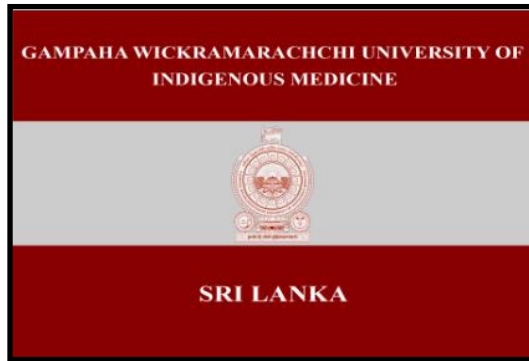


ගම්පහ වික්‍රමාරච්චි දේශීය වෛද්‍ය විශ්වවිද්‍යාලයේ නිල ලාංඡනය මගින්,

“දේශීය ශිල්ප ශාස්ත්‍ර පාදක කොට ගනිමින් චිරකාලීන පැවැත්මෙන් යුතු සෞභාග්‍යමත් සශ්‍රීක වූ දේශයක් උදෙසා විශ්වය පිළිබඳ තත්‍ය වූ ද පරිපූර්ණ වූ ද සුපරිශුද්ධ ඥාන සම්භාරයෙන් සුපෝෂිත කෘතභස්ත කුශලතාපූර්ණ සබුද්ධික සන්ප්‍රජාවගේ ප්‍රඥාලෝකයෙන් විභූෂිත ශ්‍රී ලාංකේය පරමාධිපත්‍යය උදෙසා සිදුකෙරෙන මෙහෙවර” සංකේතවත් කරයි.

# GAMPAHA WICKRAMARACHCHI UNIVERSITY OF INDIGENOUS MEDICINE

## University Flag



## University Anthem (ගම්පහ වික්‍රමාරච්චි දේශීය වෛද්‍ය විශ්වවිද්‍යාල ගීතය)

දියනෙත කිරණින් පිබිදෙයි	දියතම
දියදම් මහිමෙන් ඔකදයි	භුවනම
දිවමන් වේ අප ලබනා	විද්‍යහර
දියුළුම දෙරණක අබිමන්	හරසර

වික්‍රමානි දිවයුරු පියවරු	බෝමා
පුද්ගන් විහිගුම් ගුණ නැත	සීමා
ඉසිවර පහසින් ලද එළි	බෝමා
සරසවි පියසට වැනි	රන්දාමා

නිම්නැති සිරිසර පිරි අප	උරුමේ
නිතිසෙන් මුහුවෙන නව විද්‍යා	අරුමේ
පිරිමෙසුමින් එළි ලබමින්	නිබදේ
දිවි දෙවනුව රකිනෙමු මේ	මහිමේ

පබැඳුම : බන්දුල නානායක්කාරවසම්

සංගීතය: ජ්‍යෙෂ්ඨ මහාචාර්ය කෝලික භානු දිසානායක



## ADMINISTRATIVE OFFICERS OF THE GWUIM



**Mr. B.A.N. Krishantha**

MHRM (UoK), BCom (sp) (USJ), LICA (ICASL)

Registrar

Tel: 033 2215772

Email: [registrar@gwu.ac.lk](mailto:registrar@gwu.ac.lk)



**Mr. C.G. Kothalawala**

MBM (UoC), PgDBM (UoC), BCom

(Hons) (USJ), CPFA (London), SAT (UoC)

Bursar

Tel: 033 2223785

Email: [bursar@gwu.ac.lk](mailto:bursar@gwu.ac.lk)

## MESSAGE FROM THE DEAN, FIHST



### Dr. Jithya Wijesinghe

PhD (Japan), MSc (Japan), BSc (Hons) (USJ)

Dean - Faculty of Indigenous Health Sciences and Technology  
Senior Lecturer, Department of Indigenous Medical  
Resources

GWUIM, Sri Lanka

[deanfiht@gwu.ac.lk](mailto:deanfiht@gwu.ac.lk)

I extend a heartfelt welcome to you all as you embark on this exciting journey at the Faculty of Indigenous Health Sciences and Technology. On behalf of the Faculty and the University, I am delighted to welcome the new undergraduates joining our intellectual community.

I am proud to say that our Faculty of Indigenous Health Sciences and Technology comprises highly committed academic professionals equipped with the latest knowledge and skills. Our cutting-edge academic programs, combined with state-of-the-art facilities, will enable you to excel in your academic pursuits and help you reach your aspirations.

Remember that your journey at the faculty is not just about acquiring knowledge but also about building relationships, developing critical thinking skills, and engaging in extracurricular activities. In the coming years of your academic life, take advantage of the numerous clubs, organizations, and associations established within the Departments, Faculty, and University. Participating in these activities will complement your academic journey and help you develop leadership skills, forge lasting friendships, and create memories that will stay with you for a lifetime. As you start this exciting chapter of your life, know you are not alone. Both academic and non-academic staff are here to support you in your academic pursuits.

Once again, welcome to the Faculty of Indigenous Health Sciences and Technology. We look forward to witnessing your transformation and contributing to your academic and personal success. I wish you all the very best for a fulfilling and enriching academic journey at the Faculty of Indigenous Health Sciences and Technology!

Dr. Jithya Wijesinghe

Dean

Faculty of Indigenous Health Sciences and Technology

Gampaha Wickramarachchi University of Indigenous Medicine

# THE FACULTY OF INDIGENOUS HEALTH SCIENCES AND TECHNOLOGY

## The Faculty of Indigenous Health Sciences and Technology

The Faculty of Indigenous Health Sciences and Technology (FIHST) is in the main University premises and its departments are located within the Gampaha District. The faculty was initiated simultaneously with the establishment of the University in 2021. The faculty offers three Bachelor of Honours degree programs and three Bachelor of Health Science Honours degree programs in a wide spectrum of subject areas. The Faculty of Indigenous Health Sciences and Technology generally enrolls 300 undergraduates annually. The aim of the faculty is to incorporate indigenous knowledge and experiences into modern health concepts.

### (a) Department of Indigenous Medical Resources

The Department of Indigenous Medical Resources is committed to generate and disseminate of knowledge, skills, and attitudes for developing and utilizing indigenous medicinal resources effectively and efficiently by recognizing the needs and values of the future. The department offers two undergraduate degree programs which are particularly developed to fulfill the national and global requirements in the field of indigenous medicinal resources and indigenous pharmaceuticals.

### (b) Department of Indigenous Health Sciences

The Department of Indigenous Health Sciences plays a key role in enhancing human health through indigenous health practices aligning with the mission of the University. It commits itself to render a high-quality learning environment and to promote innovative research culture in indigenous medical sciences to produce graduates equipped with knowledge and skills to cater the national and global needs. The department prioritizes applying philosophical knowledge in a scientific way for the betterment of human life.

### (c) Department of Technology

The Department of Technology enables and opens a plethora of opportunities for innovation by acting as a bridge between indigenous medicine and modern technology. The Department of Technology offers two highly demanded undergraduate degree programs that are particularly designed to fulfill the vast requirements of the respective industries in the present and foreseeable future. The Department of Technology team includes outstanding academics and researchers from Indigenous Medicine, Biomedical Technology, and Information Technology fields.

## ACADEMIC STAFF OF FACULTY OF INDIGENEOUS HEALTH SCIENCES AND TECHNOLOGY

### Academic Staff of the Department of Indigenous Medical Resources

**Dr. Ruwan T. Perera**

PhD (UoK), BSc (Hons) (UoK), Dip. in Psychology & Counselling  
Head of the Department, Lecturer

**Research Interests:**

Materials and Surface Chemistry, Environmental Chemistry, Phytochemistry, In-silico Investigations of Ayurvedic Herbs

[wprtp@gwu.ac.lk](mailto:wprtp@gwu.ac.lk)

**Dr. (Mrs.) Jithya Wijesinghe**

PhD (Japan), MSc (Japan), BSc (Hons) (USJ)  
Senior Lecturer (Grade II)

**Research Interests:**

Soil Chemistry, Soil Organic Carbon, Soil Remediation Techniques, Mobility of Elements in Soils

[jithya@gwu.ac.lk](mailto:jithya@gwu.ac.lk)

**Dr. Lakshitha Madunil**

PhD (Japan), MSc (UoC), BSc (Hons) (USJ)  
Senior Lecturer (Grade II)

**Research Interests:**

Analytical Chemistry, Instrumentation, Mass Spectrometry, Laser Ionization, Ultrashort Optical Pulse, Toxicology, Forensic Science, Extraction Chemistry, Phytoremediation, Method Development and Validation, Accreditation, Sampling Techniques

[lakshitha@gwu.ac.lk](mailto:lakshitha@gwu.ac.lk)



### **Dr. (Ms.) Ishani D. Goonasekara**

PhD (Thailand), BSc (OUSL), AIWMS – TEFSL  
Senior Lecturer (Grade II)

#### **Research Interests:**

Fungal Taxonomy, Plant Microbiology, Molecular Biology,  
Plant Pathology

[ishani@gwu.ac.lk](mailto:ishani@gwu.ac.lk)



### **Dr. (Ms.) Shermila M. Botheju**

PhD (UoK), BSc (Hons) (UoK), Dip. in GIS and Remote  
sensing, Dip. in Psychology and Counselling, AI Biol. (SL)  
Lecturer

#### **Research Interests:**

Plant Science, Environmental Chemistry, Water Quality  
Management, Microbiology, Mycology, GIS and Remote  
Sensing in Environmental Management

[shermila@gwu.ac.lk](mailto:shermila@gwu.ac.lk)



### **Dr. (Mrs.) Nalika R. Dayananda**

PhD (UoK), BSc (Hons) (UoK), CET. in Applied Statistics  
(IASSL), Dip. in Psychology and Counselling, AI Biol. (SL)  
Lecturer

#### **Research Interests:**

Environmental Management, Environmental Chemistry,  
Soil Microbiology, Toxicology, Health Risk Assessment and  
Monitoring, Applied Statistics, Geoinformatics

[nalika@gwu.ac.lk](mailto:nalika@gwu.ac.lk)



### **Mr. Niwantha Kanuwana**

M.Phil. (Reading), BSc (Hons) (WUSL), M.LRHRM (UOC),  
M.AETM (WUSL), MCIPM, AAL  
Lecturer (Probationary)

#### **Research Interests:**

Indigenous Agriculture, Ecological and Organic Farming,  
Medicinal Plant Commercialization, Value Chain  
Analysis & Mapping, Agri-Food Business Management

[niwantha@gwu.ac.lk](mailto:niwantha@gwu.ac.lk)



### **Dr. (Mrs.) Sucharitha Udahapuvinda**

PhD (Reading), MSc (UoP), BAMS (Hons) (UoK), Dip. in Ayurveda Panchkarma  
Lecturer (Probationary)

#### **Research Interests:**

Indigenous Pharmaceuticals, Herbal Medicine, Pharmaceutical Quality Assurance and Standardization, Pharmaceutical Waste Management, Herbal Product Development

[sucharitha@gwu.ac.lk](mailto:sucharitha@gwu.ac.lk)



### **Ms. Dilsha Nilukshi Rodrigo**

MSc (UoK), BSc (special) (UWU)  
Lecturer (Probationary)

#### **Research Interests:**

Crop Production Technology, Postharvest Technology, Crop Pest and Disease Management, Agro Food Processing Technology

[dilsha@gwu.ac.lk](mailto:dilsha@gwu.ac.lk)



### **Ms. Sandunika Ilangamge**

BPharm (Hons) (KDU)  
Lecturer (Probationary)

#### **Research Interests:**

Pharmaceutical Science, Pharmacology, Pharmaceutics, Natural Product Drug Discovery

[sandunika@gwu.ac.lk](mailto:sandunika@gwu.ac.lk)



## Academic Staff of the Department of Indigenous Health Sciences

**Mr. B. L. P. C Balasooriya**

MSc (Reading), BSc (Hons) (SUSL)  
Head of the Department, Lecturer (Probationary)

**Research Interests:**

Research interests - Eco-tourism, Wildlife Tourism, Community Based Tourism, Hospitality Management  
[charund@gwu.ac.lk](mailto:charund@gwu.ac.lk)

**Dr. A. H. N. De Zoysa**

PhD in Psychology, MSS, BSc (Psy& Counselling), BA (Hons), (Phil)(UOK), Ad.Dip.in Psychotherapy, Dip.in Counselling Psychology (SLMHF), Dip.in Clinical Child Psychology, Ad.Cert.in Yoga Philosophy  
Lecturer

**Research Interests:**

Philosophy, Psychology, Counselling, Professional Ethics, Yoga and Parapsychology  
[harini@gwu.ac.lk](mailto:harini@gwu.ac.lk)

**Mrs. S. A. P. D. Suraweera**

MBA(SUSL), BSc (Hons) (SUSL), CTHE (UoK,GWUIM), Certified Wellness Tourism trainer (EUHEA)  
Lecturer

**Research Interests:**

Research interests - Garden/Botanic tourism, Wellness Tourism, Health Tourism, Tourism Entrepreneurship  
[suraweera@gwu.ac.lk](mailto:suraweera@gwu.ac.lk)

**Mrs. L. A. P. Chamathka Perera (On Study Leave)**

MSc (USJP), BBM (Hons) (UWUSL)  
Lecturer

**Research Interests:**

Health and wellness tourism, Travel and tourism, Special interest tourism, Gender based tourism, National niche tourism development, Events management.  
[chamathka@gwu.ac.lk](mailto:chamathka@gwu.ac.lk)



**Mrs. N. A. P. S. R. Nanayakkara**

MSc (Reading), BSc (Hons) (SUSL)  
Lecturer (Probationary)

**Research Interests:**

Hospitality management, Health and Medical tourism,  
Yoga and Psychology.

[suvini@gwu.ac.lk](mailto:suvini@gwu.ac.lk)



**Mr. O. R. D. K. Perera**

PhD (Reading), BA (Hons) (USJ), Ad. Dip. in Psychotherapy,  
Dip.in Counselling (SLMHF), Cet. in Yoga  
Lecturer (Probationary)

**Research Interests:**

Research interests - Yoga and Parapsychology,  
Psychology

[randika@gwu.ac.lk](mailto:randika@gwu.ac.lk)



**Mrs. J. K. V. M. Jayasinghe**

MPhil (Reading), BBA (Hons) (UOC), Dip in Psychology and  
Counselling  
Lecturer (Probationary)

**Research Interests:**

Research interests - Yoga and Parapsychology,  
Psychology, HRM.

[vishmi@gwu.ac.lk](mailto:vishmi@gwu.ac.lk)



**Mrs. K. K. A. H. Kumarasinghe**

Post Graduate Diploma in Business Management (WUSL) ,  
BSc. Business Management (WUSL)  
Lecturer (Probationary)

**Research Interests:**

Sustainable Tourism , Health and Wellness tourism,  
Hospitality Management, Human Resource Management

[harshani@gwu.ac.lk](mailto:harshani@gwu.ac.lk)

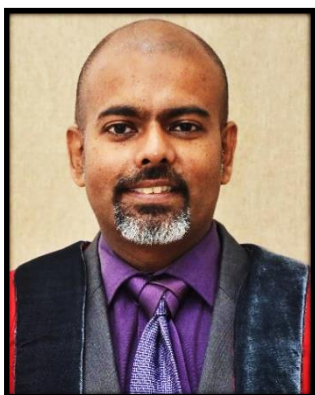
## Academic Staff of the Department of Technology

**Dr. (Mrs.) D. A. N. D. Daranagama**

DEng (Japan), MEng (Japan) BSc (Hons) in Botany (Special)(UoK), CIMA ADV DIP in MA  
Head of the Department, Senior Lecturer (Grade II)

**Research Interests:**

Research interests - Enzyme technology, Gene engineering, Protein characterization, Microbial fermentation, Medicinal plants, Biomedical technology  
[nayani@gwu.ac.lk](mailto:nayani@gwu.ac.lk)

**Lt. Col. Dr. Asanka Pallewatta**

PhD (Denmark), MEng (Japan), BEng (Japan), Diploma in Diplomacy (Sri Lanka), Diploma in Fashion Design (Sri Lanka)  
Senior Lecturer (Grade I)

**Research Interests:**

Biomedical Technology, Nanotechnology, Sustainable Engineering, Science Diplomacy  
[asanka@gwu.ac.lk](mailto:asanka@gwu.ac.lk)

**Mrs. Sachinthani Alahakoon**

PhD IT (Reading) (Malaysia), MPhil (UoM), BSc (Special) in Applied Electronics (WUSL), Dip (IT with e-Commerce)  
Lecturer

**Research Interests:**

Research interests - Fiber optics, Electronics, Internet of Things, Biomedical technology, Communication Technology  
[sachi@gwu.ac.lk](mailto:sachi@gwu.ac.lk)



### **Mrs. Kasuri Balasooriya**

MPhil (Reading) (UoM), BEng in Biomedical (India)  
Lecturer (Probationary)

#### **Research Interests:**

Biomedical Engineering, Medical Image Processing, Medical Instrumentation, Machine Learning, Embedded system

[kasuri@gwu.ac.lk](mailto:kasuri@gwu.ac.lk)



### **Ms. Shyama Heshini Niranjala (On Study Leave)**

PhD (Reading) (City University, Malaysia), MIT (City University, Malaysia), BSc (Special) in BIT (RUSL)  
Lecturer (Probationary)

#### **Research Interests:**

Quantum Computing, Machine Learning, Quantum Machine Learning, Blockchain, ICT in Business, ICT in Education

[shermila@gwu.ac.lk](mailto:shermila@gwu.ac.lk)



### **Mrs. Naduni Keshani Ranasinghe (On Study Leave)**

MSc in Data Science and Digital Transformation (Russia), Pg Dip in Cyber Security (SLIIT), BSc (Hons) in Information Technology specialized in Software Engineering (SLIIT)  
Lecturer (Probationary)

#### **Research Interests:**

Data Science, Deep Learning, Artificial Intelligence, Cyber Security

[naduni@gwu.ac.lk](mailto:naduni@gwu.ac.lk)



### **Eng. Charith Dissanayake**

MEng in Computer Engineering (Thailand), BSc (Special) in Computing & Information Systems (SUSL), Grad Dip in Electronic & Telecommunication Engineering (IESLCE), AMIESL, ECSL  
Lecturer (Probationary)

#### **Research Interests:**

Deep Learning, Computer Vision, Data Science, Wireless Communication

[charith@gwu.ac.lk](mailto:charith@gwu.ac.lk)



### **Mrs. R. A. D. V. Sanuththara Ranasinghe**

MSc in Biomedical Engineering (Reading) (KDU) , BSc (Hons) in engineering in Biomedical Engineering KDU, IEEE  
Lecturer (Probationary)

#### **Research Interests:**

Biomechanics, biomaterials, biotelemetry, digital signal processing, biophysics, physiological control systems, human physiology, medical instrumentation  
[sanuththara@gwu.ac.lk](mailto:sanuththara@gwu.ac.lk)



### **Mrs. R. P. G. S. Maleesha**

MSc (SLIIT), BSc (Joint Major) in Computing & Information Systems and Mathematics, Mathematical modelling and Statistics (WUSL), Dip (IT with e-Commerce), BCS(HEQ), IEEE  
Lecturer (Probationary)

#### **Research Interests:**

ICT, Blended Learning, e-Learning, Machine Learning, Statistics  
[maleesha@gwu.ac.lk](mailto:maleesha@gwu.ac.lk)



## ADMINISTRATIVE AND NON-ACADEMIC STAFF OF FACULTY OF INDIGNEOUS HEALTH SCIENCES AND TECHNOLOGY

### Administrative Officer



#### **Mrs. I. U. Wijethungaarachchi**

MHRM (Reading) (UoK), BSc (OUSL)  
Assistant Registrar (Acting), FIHST  
Faculty office, Faculty of Indigenous Health  
Sciences and Technology  
[arfiht@gwu.ac.lk](mailto:arfiht@gwu.ac.lk)

### Non-academic Staff Members of the Faculty



#### **Mrs. S. S. Mahalekam**

Management Assistant (Grade I)  
Faculty office, FIHST  
(Allocated for the Department of Indigenous Health Sciences)



#### **Ms. H. P. M. H. Weerakoon**

Management Assistant (Grade III)  
Faculty office, FIHST  
(Allocated for the Department of Indigenous Medical Resources)



#### **Ms. I. B. B. K. Ilangakoon**

Management Assistant (Grade III)  
Faculty office – FIHST  
(Allocated for the Department of Technology)



### Non-academic Staff Members of Department of Indigenous Medical Resources



**Mr. E. M. K. D. B. Edirisingha**

Management Assistant (Grade III)  
Department office  
Department of Indigenous Medical Resources



**Mr. M.K.C.N. Perera**

Lab Attendant  
Department of Indigenous Medical Resources

### Non-academic Staff Members of Department of Indigenous Health Sciences



**Mrs. E. A. Samitha Gayani Edirisinghe**

Management Assistant (Grade III)  
Department office  
Department of Indigenous Medical Resources

### Non-academic Staff Members of Department of Technology



**Mrs. Yashomi Hemishika**

Management Assistant (Grade III)  
Department office  
Department of Technology



## DEPARTMENT OF INDIGENOUS MEDICAL RESOURCES

## THE DEPARTMENT OF INDIGENOUS MEDICAL RESOURCES

### Department Vision and Mission

#### Vision

To become the excellent department in generation and dissemination of knowledge, skills, and attitudes so as to develop and utilize indigenous resources effectively and efficiently by recognizing the needs and values of cultures

#### Mission

To maintain the highest standards in education and innovation to develop indigenous medical resources by producing competent professionals while appreciating the social, cultural, and economic values

### Degree Programmes Offered by the Department

The Department of Indigenous Medical Resources offers the Bachelor of Health Science Honours in Indigenous Pharmaceutical Technology degree programme and the Bachelor of Science Honours in Indigenous Medicinal Resources degree programme.

The syllabus and curriculum are structured on a course system, which runs in academic semesters. The duration of the semester is 15 weeks. A course is a subject module bearing a credit value. A credit is a time-based quantitative measure excluding the independent learning hours used in calculating the grade point average.

The course modules are organized into four academic years namely year 1, year 2, year 3 and year 4.

# BACHELOR OF SCIENCE HONORS IN INDIGENOUS MEDICINAL RESOURCES

## Introduction

This is a four-year honors degree in Indigenous Medicinal Resources offered by the Department of Indigenous Medical Resources, Faculty of Indigenous Health Sciences and Technology, Gampaha Wickramarachchi University of Indigenous Medicine. The students qualified with a noted Z-score in the Biological Science and Agricultural Science streams of the G.C.E A/L examination will be eligible to apply for this program. Most of the countries including Sri Lanka have thousands of years of indigenous knowledge and inheritable technology, especially for the traditional agricultural practices. The knowledge and technology were concentrated on western notions after the social transformation led by the Renaissance and Westernization during the 15<sup>th</sup> century. This Bachelor of Science Honours in Indigenous Medicinal Resources Degree Program - BSc (Hons) in IMR is presented to fill the gap between Western and indigenous knowledge for the development of indigenous medicinal resources.

## Goal

To generate highly competent professionals and entrepreneurs that provide effective and efficient services for the development and sustainable use of indigenous medicinal resources. The long-term goal is to produce qualified graduates who can contribute to the international community for uplifting human well-being and the health of the environment.

## Objective

To generate graduates that possess satisfactory multi-disciplinary knowledge on the fundamental principles, practices, and technology relevant to indigenous medicinal resources, agriculture, plantation, veterinary science, and natural sciences.

## BACHELOR OF SCIENCE HONORS IN INDIGENOUS MEDICINAL RESOURCES

### Graduate Profile

Bachelor of Science Honors in Indigenous Medicinal Resources graduate of GWUIM will be an effective communicator, a self-directed learner, and a resourceful team member equipped with comprehensive knowledge of indigenous medicinal resources, their sustainable production and usage, as well as the ability to produce medicinal resources using relevant cultural practices and appropriate technologies and to logically analyze emerging problems relevant to indigenous medicinal resources and propose solutions. She/he will possess research skills, basic management skills, and entrepreneurial skills to facilitate the sustainable production and utilization of indigenous medicinal resources for agro-medical purposes and will promote the use of novel technologies with due consideration to the socio-cultural values. With such attributes, a BSc (Hons) in IMR graduate of GWUIM will be suitable for managerial and administrative positions in the indigenous medicinal resources industry.

### Intended Learning Outcomes

Upon successful completion of four academic years of BSc (Hons) in IMR degree programme, the graduate will be able to;

1. Apply the knowledge and skills to utilize indigenous medicinal resources sustainably and to develop medicinal products to enhance the health status of the community.
2. Demonstrate management skills in the areas of materials, financial, and human resources.
3. Demonstrate communication skills, both verbal and written, to establish effective communication with clients, team partners, and the scientific community.
4. Work independently exercising resourcefulness and collaboratively demonstrating team spirit and professional leadership qualities.
5. Contribute to the national economic development by becoming an entrepreneur who generates employment, maintains social stability, earns foreign exchange, utilizes indigenous resources, and promotes exports of medicinal products.
6. Use inquiry, construct arguments, investigate / research, critically analyze data, make judgments/decisions, and propose solutions to emerging problems in the relevant field of specialization and to generate new knowledge for the development of the relevant field.
7. Appreciate the social and cultural values of the community in the promotion and application of technology for the sustainable development of the country.

# BACHELOR OF HEALTH SCIENCE HONORS IN INDIGENOUS PHARMACEUTICAL TECHNOLOGY

## Introduction

This is a four-year honors degree in Bachelor of Health Science Honors in Indigenous Pharmaceutical Technology (IPT) offered by the Department of Indigenous Medical Resources, Faculty of Indigenous Health Sciences and Technology, Gampaha Wickramarachchi University of Indigenous Medicine. The students qualified with a noted Z-score in the Technology and Science streams of the G.C.E. A/L examination will be eligible to apply for this programme. This Bachelor of Health Science Honors in Indigenous Pharmaceutical Technology Degree Programme – BHSc (Hons) in IPT is presented to provide effective and efficient services to the indigenous pharmaceutical industry by integrating and applying science-based technology for the advancement of indigenous pharmaceutical products to meet growing healthcare needs.

## Goal

To generate competent professionals and entrepreneurs to provide effective and efficient services in the indigenous pharmaceutical industry.

## Objectives

1. To utilize indigenous medicinal resources sustainably to develop indigenous pharmaceuticals by applying the acquired knowledge and skills.
2. To achieve the local and global demand for quality, safety, and efficacy of indigenous pharmaceuticals.



## **BACHELOR OF HEALTH SCIENCE HONORS IN INDIGENOUS PHARMACEUTICAL TECHNOLOGY**

### **Graduate Profile**

Bachelor of Health Science Honors in Indigenous Pharmaceutical Technology graduate of Gampaha Wickramarachchi University of Indigenous Medicine will have comprehensive knowledge on concepts, theories and ethics underlining the principles, practices and techniques of indigenous pharmacology and be able to select, prepare raw materials and produce indigenous pharmaceuticals using appropriate technologies adhering to relevant ethical practices as well as promote the use of indigenous and natural pharmaceuticals in public health management and will be an effective communicator and also responsible team player equipped with IT competencies and entrepreneurial capabilities in the fields of pharmaceutical development, manufacturing and marketing with such knowledge, competencies and attitudes, Bachelor of Health Science Honors in Indigenous Pharmaceutical Technology graduate of GWUIM will have the capacity to undertake the role of pharmaceutical manufacturer, pharmacist (with management and marketing skills) and pharmaceutical developer.

### **Intended Learning Outcomes**

Upon successful completion of four academic years of Bachelor of Health Science Honors in Indigenous Pharmaceutical Technology degree programme, the graduate will be able to;

1. Utilize basic concepts, theories, and ethics of indigenous and other systems of alternative medicines to enhance the health care system in Sri Lanka.
2. Propagate importance of indigenous and natural pharmaceuticals in public health management.
3. Utilize knowledge of indigenous pharmacology, pharmacognosy, pharmacodynamics and pharmacokinetics in pharmaceuticals development.
4. Use appropriate methods and technologies in selecting and preparing standard raw materials for indigenous pharmaceuticals.
5. Apply appropriate technologies in preparation of Indigenous pharmaceuticals.
6. Develop an entrepreneur as a pharmaceutical manufacturer, pharmacist (with management and marketing skills) and pharmaceutical developer.
7. Develop the carrier with advanced soft skills, effective communication, and team working ability with information technology competency.
8. Practice medical and technological ethics in manufacturing and marketing of indigenous pharmaceuticals, service delivering and researchers.

## MESSAGE FROM THE HEAD OF THE DEPARTMENT



### **Dr. Ruwan T. Perera**

PhD (UoK), BSc (Hons) (UoK), Dip in Psychology  
& Counselling  
Head of the Department  
Department of Indigenous Medical Resources  
GWUIM, Sri Lanka  
[hodimr@gwu.ac.lk](mailto:hodimr@gwu.ac.lk) / [wprtp@gwu.ac.lk](mailto:wprtp@gwu.ac.lk)

It is with great pleasure and enthusiasm that I extend a heartfelt welcome to all of you as you begin this exciting chapter of your academic journey with us. On behalf of the Department of Indigenous Medical Resources, I warmly welcome the new undergraduates to our vibrant intellectual community.

Our department is home to a team of dedicated and highly skilled academic professionals who bring the latest knowledge and expertise to provide you with a professional and supportive environment for your academic endeavors. Your time here is not solely about acquiring knowledge; it is an opportunity to build meaningful relationships, enhance your critical thinking abilities, and engage in extracurricular activities that will shape you into well-rounded, high-quality graduates contributing to global scientific progress.

We encourage you to make the most of the numerous clubs, organizations, and associations within the Department, Faculty, and University. Participating in these activities will enrich your academic experience, foster leadership skills, help you form lifelong friendships, and create cherished memories.

Remember, you are not alone in this journey. Our academic and non-academic staff are here to support and guide you every step of the way.

Once again, welcome to the Department of Indigenous Medical Resources! We are excited to witness your growth, celebrate your achievements, and support you as you embark on this fulfilling and transformative academic journey. Wishing you all the very best as you explore, discover, and succeed in the years ahead!

Dr. Ruwan Perera  
Head of the Department  
Department of Indigenous Medical Resources

## KEY TO UNDERSTANDING THE STRUCTURE OF DEGREE PROGRAMMES

### (i) Bachelor of Science Honors in Indigenous Medicinal Resources Degree Programme

#### (a) Curriculum Background of BSc (Hons) in IMR Degree Programme

YEAR 1 of the BSc (Hons) in IMR study programme spans within a period of two semesters (30 weeks of academic activities). YEAR 1 of BSc (Hons) in IMR curriculum begins with a study of fundamentals of indigenous medicine, in which the philosophical background of indigenous medicine will be given. Fundamental theoretical knowledge and practical experience in indigenous medicinal resources will be given. Supplementary courses will be offered to enhance language skills and professional skills. YEAR 2 of BSc (Hons) in IMR curriculum begins with applied knowledge of indigenous medicinal resources. Supplementary courses in language, information, and communication technology and management will be provided to enhance the competencies and values of the graduate. YEAR 3 of the study program focuses on generating knowledge and skills for developing Indigenous medicinal resources. Hands-on experience in the management of indigenous medicinal resources and the opportunity to solve encountered issues in the field of study will be given during the study period of YEAR 4 of BSc (Hons) in the IMR curriculum.

#### (b) Notation of Course Units and Abbreviations used

All the courses are assigned a code number to indicate the following:

Course Code	- BSMR 00000
First four letters	- Name of the degree (BSMR)
First Digit	- Year of study
Second Digit	- Semester of each year (1=1 <sup>st</sup> semester, 2=2 <sup>nd</sup> semester, 3= either first semester or second semester, 4= in both semesters)
Third and fourth Digit	- Serial number of course unit in the relevant semester
Fifth Digit	- Credit value

#### Abbreviations in Common Course Codes - ABCD 00000

First four letters	- Name of the Subject Category
First Digit	- Year of Study
Second Digit	- Semester of each year (1=1 <sup>st</sup> Semester, 2=2 <sup>nd</sup> Semester, 3= either first semester or second semester, 4= in both semesters)
Third and fourth Digit	- Serial number of course unit in the relevant semester
Fifth Digit	- Credit value

**(c) Abbreviations of Subject Categories**

FIHS	Fundamentals of Indigenous Health Sciences
FMGS	Fundamentals of Management Studies
FICT	Fundamentals of Information Communication Technology
DIMR	Department of Indigenous Medical Resources
DEPT	Department of Technology
ENGL	English Language
GWCC	Gampaha Wickramarachchi University of Indigenous Medicine, Career Guidance Centre

**(d) Guidelines to select elective course units**

Undergraduates who are following both Bachelor of Science Honors in Indigenous Medicinal Resources and Bachelor of Health Science Honors in Indigenous Pharmaceutical Technology should select elective/optional course units (or supplementary choice subjects) in their 3<sup>rd</sup> year in addition to core mandatory subjects and life & hard skills development subjects, fulfilling the required total number of GPA credits.

Bachelor of Science Honors in Indigenous Medicinal Resources followers should select any two (2) theory and practical combination from given eight (8) elective expertise knowledge development supplementary choice subjects. Bachelor of Science Honors in Indigenous Medicinal Resources followers should select any two (2) theory and practical combination from given four (4) elective expertise knowledge development supplementary choice subjects. When a theory subject is selected by an undergraduate, She/he should select a particular practical subject related to that selected theory subject.

## COURSE STRUCTURE FOR BACHELOR OF SCIENCE (HONS) IN INDIGENOUS MEDICINAL RESOURCES

### YEAR 1 – SEMESTER I

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Core Mandatory Subjects</b>						
<b>BSMR 11012</b>	Principles of Agronomy in Medicinal Resource Development	2		30	-	70
<b>BSMR 11021</b>	Principles of Agronomy in Medicinal Resource Development-Practical	1		-	45	05
<b>BSMR 11031</b>	Soil Science	1		15	-	35
<b>BSMR 11042</b>	Principles of Economics for Medicinal Resource Development	2		30	-	70
<b>BSMR 11051</b>	Analytical Chemistry	1		15	-	35
<b>BSMR 11061</b>	Analytical Chemistry Laboratory	1		-	45	05
<b>Essential Fundamental Knowledge Development</b>						
<b>DIMR 11011</b>	Basic Mathematics		1	15	-	35
<b>DIMR 11021</b>	Fundamentals of Indigenous Medicine	1		15	-	35
<b>FMGS 11012</b>	Principles of Management	2		30	-	70
<b>Life Skills Development</b>						
<b>ENGL 11012</b>	English for professionals	2		15	45	40
<b>GWCG 10111</b>	Life & Professional Skills Development I	0	1	15	-	35
<b>DEPT 11122</b>	Fundamentals of ICT	2		15	45	40
<b>Total (Semester I)</b>		<b>15</b>	<b>2</b>	<b>195</b>	<b>135</b>	<b>470</b>

## COURSE STRUCTURE FOR BACHELOR OF SCIENCE (HONS) IN INDIGENOUS MEDICINAL RESOURCES

### YEAR 1 – SEMESTER II

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Core Mandatory Subjects</b>						
<b>Essential Fundamental Knowledge Development</b>						
<b>BSMR 12012</b>	Medicinal and Food Crop Biology	2		30	-	70
<b>BSMR 12021</b>	Medicinal and Food Crop Biology - Practical	1		-	45	05
<b>BSMR 12032</b>	Biochemistry and Molecular Biology	2		30	-	70
<b>BSMR 12041</b>	Biochemistry and Molecular Biology Laboratory	1		-	45	05
<b>BSMR 12052</b>	Plant & Animal Nutrition	2		30	-	70
<b>BSMR 12061</b>	Plant & Animal Nutrition Practical	1		-	45	05
<b>BSMR 12072</b>	Principles of Marketing and Agribusiness Management	2		30	-	70
<b>DIMR 12031</b>	Basic Statistics	1		15	-	35
<b>BSMR 12081</b>	Fundamentals of organic chemistry	1		15	-	35
<b>Life Skills Development</b>						
<b>ENGL 12032</b>	English for Natural Science	2		15	45	40
<b>GWCG 12021</b>	Life & Professional Skills Development II	0	1		45	05
<b>Total (Semester II)</b>		<b>15</b>	<b>1</b>	<b>165</b>	<b>225</b>	<b>410</b>
<b>Total (Year 1)</b>		<b>30</b>	<b>2</b>	<b>360</b>	<b>360</b>	<b>880</b>
				<b>1600</b>		



## COURSE STRUCTURE FOR BACHELOR OF SCIENCE (HONS) IN INDIGENOUS MEDICINAL RESOURCES

### YEAR 2 – SEMESTER I

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Core Mandatory Subjects</b>						
<b>Essential Functional Knowledge Development</b>						
<b>BSMR 21012</b>	Principles of Agroforestry for Medicinal Resource Development	2		30	-	70
<b>BSMR 21021</b>	Principles of Agroforestry for Medicinal Resource Development-Practical	1		-	45	05
<b>BSMR 21032</b>	Medicinal Crop Production Technology	2		30	-	70
<b>BSMR 21041</b>	Medicinal Crop Production Technology-Practical	1		-	45	05
<b>BSMR 21052</b>	Plant Pathology and their Management	2		30	-	70
<b>BSMR 21061</b>	Plant Pathology Laboratory	1		-	45	05
<b>BSMR 21072</b>	Anatomy and Physiology of Farm Animals	2		30	-	70
<b>BSMR 21081</b>	Anatomy and Physiology of Farm Animals-Practical	1		-	45	05
<b>BSMR 21091</b>	Fundamentals of Geographical Information Systems	1		15	-	35
<b>Life Skills Development</b>						
<b>FMGS 21032</b>	Human Resource Management	2		30		70
<b>GWCG 21031</b>	Life & Professional Skills Development III	0	1	-	45	05
<b>Total (Semester I)</b>		<b>15</b>	<b>1</b>	<b>165</b>	<b>225</b>	<b>410</b>

## COURSE STRUCTURE FOR BACHELOR OF SCIENCE (HONS) IN INDIGENOUS MEDICINAL RESOURCES

### YEAR 2 – SEMESTER II

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Essential Functional Expertise Knowledge Development</b>						
<b>BSMR 22011</b>	Biotechnology for Medicinal Resource Development	1		15	-	35
<b>BSMR 22021</b>	Practical for Biotechnology	1		-	45	05
<b>BSMR 22031</b>	Crop Protection - Weed and Pest Management	1		15	-	35
<b>BSMR 22041</b>	Crop Protection - Weed and Pest Management-Practical	1		-	45	05
<b>BSMR 22051</b>	Nursery Management	1		15	-	35
<b>BSMR 22061</b>	Nursery Management Practical	1		-	45	05
<b>BSMR 22072</b>	Farm Machinery and Water Management	2		15	45	40
<b>BSMR 22082</b>	Livestock Management	2		30	-	70
<b>BSMR 22091</b>	Livestock Management-Practical	1		-	45	05
<b>Application Competency Development</b>						
<b>DIMR 22041</b>	Applied Statistics	1		15	-	35
<b>DIMR 22051</b>	Applied Statistics Practical	1		-	45	05
<b>Life Skills Development</b>						
<b>FMGS 22042</b>	Business Communication	2		15	45	40
<b>GWCG 22041</b>	Life & Professional Skills Development IV	0	1	-	45	05
<b>Total (Semester II)</b>		<b>15</b>	<b>1</b>	<b>120</b>	<b>360</b>	<b>320</b>
<b>Total (Year 2)</b>		<b>30</b>	<b>2</b>	<b>285</b>	<b>585</b>	<b>730</b>
				<b>1600</b>		

## COURSE STRUCTURE FOR BACHELOR OF SCIENCE (HONS) IN INDIGENOUS MEDICINAL RESOURCES

### YEAR 3 – SEMESTER I

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Core Mandatory Subjects</b>						
<b>Essential Applied Expertise Knowledge Development</b>						
<b>BSMR 31012</b>	Medicinal Plant Cultivation	2		30	-	70
<b>BSMR 31021</b>	Medicinal Plant Cultivation-Practical	1		-	45	05
<b>BSMR 31032</b>	Soil Microbiology	2		30	-	70
<b>BSMR 31041</b>	Soil Microbiology Laboratory	1		-	45	05
<b>BSMR 31052</b>	Postharvest Technology	2		30	-	70
<b>BSMR 31061</b>	Postharvest Technology-Practical	1		-	45	05
<b>Analytical Competency Development</b>						
<b>BSMR 31072</b>	Financial Accounting	2		30	-	70
<b>Supplementary Choice Subjects</b>						
<b>Elective Expertise Knowledge Development (Select Any 2 of Theory –Practical-combinations out of 6)</b>						
<b>BSMR 31081</b>	Plant & Animal Experimentations	1		15	-	35
<b>BSMR 31091</b>	Plant & Animal Experimentations-Practical	1		-	45	05
<b>BSMR 31101</b>	Horticulture and Floriculture	1		15	-	35
<b>BSMR 31111</b>	Horticulture and Floriculture-Practical	1		-	45	05
<b>BSMR 31121</b>	Manures, Fertilizers and Soil Management	1		15	-	35
<b>BSMR 31131</b>	Manures, Fertilizers and Soil Management- Practical	1		-	45	05
<b>Life Skills Development</b>						
<b>BSMR 31141</b>	Integrated Learning Portfolio (ILP)		1	-	-	50
<b>Total (Semester I)</b>		<b>15</b>	<b>1</b>	<b>150</b>	<b>225</b>	<b>425</b>

## COURSE STRUCTURE FOR BACHELOR OF SCIENCE (HONS) IN INDIGENOUS MEDICINAL RESOURCES

### YEAR 3 – SEMESTER II

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Core Mandatory Subjects</b>						
<b>Essential Applied Expertise Knowledge Development</b>						
<b>BSMR 32012</b>	Medicinal Food and Nutraceuticals	2		30	-	70
<b>BSMR 32022</b>	Medicinal Products Development	2		30	-	70
<b>BSMR 32031</b>	Organic Chemistry Laboratory for Medicinal Product Development	1		-	45	05
<b>BSMR 32042</b>	Organic Farming Technology	2		30	-	70
<b>BSMR 32052</b>	Organic Field Farming	2		30	-	70
<b>Analytical Competency Development</b>						
<b>BSMR 32061</b>	Results-based Project Analysis & Management	1		15	-	35
<b>BSMR 32071</b>	Results-based Project Analysis & Management -Practical	1		-	45	05
<b>Supplementary Choice Subjects</b>						
<b>Elective Expertise Knowledge Development (Select Any 2 of Theory –Practical-combinations out of 8)</b>						
<b>BSMR 32081</b>	Plant Breeding Technology	1		15	-	35
<b>BSMR 32091</b>	Plant Breeding Technology-Practical	1		-	45	05
<b>BSMR 32101</b>	Animal Breeding Technology	1		15	-	35
<b>BSMR 32111</b>	Animal Breeding Technology-Practical	1		-	45	05
<b>BSMR 32121</b>	Medicinal Mineralogy	1		15	-	35
<b>BSMR 32131</b>	Medicinal Mineralogy - Practical	1		-	45	05
<b>BSMR 32141</b>	Natural Hazards and Disaster Management	1		15	-	35
<b>BSMR 32151</b>	Natural Hazards and Disaster Management-Practical	1		-	45	05
<b>Life &amp; Hard Skills Development</b>						
<b>BSMR 32161</b>	Integrated Learning Portfolio (ILP)		1	-	-	50
<b>Total (Semester II)</b>		<b>15</b>	<b>1</b>	<b>165</b>	<b>180</b>	<b>455</b>
<b>Total (Year 3)</b>		<b>30</b>	<b>2</b>	<b>315</b>	<b>405</b>	<b>880</b>
				<b>1600</b>		

## COURSE STRUCTURE FOR BACHELOR OF SCIENCE (HONS) IN INDIGENOUS MEDICINAL RESOURCES

### YEAR 4 – SEMESTER I

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Essential Evaluation &amp; Creative Competency Development</b>						
<b>BSMR 41012</b>	Topical Issues & Trends in Medicinal Resources	2		30	-	70
<b>BSMR 41022</b>	Advanced Technology for Medicinal Resource Development	2		30	-	70
<b>BSMR 41031</b>	Practical of Advanced Technology for Medicinal Resource Development	1		-	45	05
<b>BSMR 41042</b>	Research Methodology	2		30	-	70
<b>BSMR 41052</b>	Research Proposal Development	2		-	90	10
<b>DIMR 41061</b>	Carbon Literacy	1		15		85
<b>BSMR 41072</b>	Agri-Food Business Planning & Venture Creation	2		30	-	70
<b>BSMR 41081</b>	Agri-Food Business Planning & Venture Creation-Practical	1		-	45	05
<b>Life &amp; Hard Skills Development</b>						
<b>BSMR 41092</b>	Integrated Learning Portfolio (ILP)	2	-	-	10	0
<b>Total (Semester I)</b>		<b>15</b>	<b>0</b>	<b>120</b>	<b>225</b>	<b>405</b>

### YEAR 4 – SEMESTER II

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Industry Exposure &amp; Job Content Skills Development</b>						
<b>BSMR 44018</b>	Research Project	8	0	-	800	-
<b>BSMR 42027</b>	Bachelor's Work Integrated In-Plant Training & Learning	7	0	-	700	-
<b>Total (Semester II)</b>		<b>15</b>	<b>0</b>	<b>-</b>	<b>1500</b>	<b>-</b>
<b>Total (Year 4)</b>		<b>30</b>	<b>0</b>	<b>120</b>	<b>1725</b>	<b>405</b>
				<b>2250</b>		

## COURSE STRUCTURE FOR BACHELOR OF HEALTH SCIENCE (HONS) IN INDIGENOUS PHARMACEUTICAL TECHNOLOGY

### YEAR 1 – SEMESTER I

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Core Mandatory Subjects</b>						
<b>BIPT 11012</b>	Basic Chemistry	2		30	00	70
<b>BIPT 11021</b>	Analytical Chemistry Laboratory	1		00	45	05
<b>BIPT 11032</b>	Fundamentals of Indigenous Pharmacy	2		30	00	70
<b>BIPT 11042</b>	Plant Morphology, Anatomy, and Taxonomy	2		30	00	70
<b>BIPT 11051</b>	Plant Morphology, Anatomy and Taxonomy Laboratory	1		00	45	05
<b>Essential Fundamental Knowledge Development</b>						
<b>DIMR 11011</b>	Basic Mathematics		1	15	00	35
<b>DIMR 11021</b>	Fundamentals of Indigenous Medicine	1		15	00	35
<b>FMGS 11012</b>	Principles of Management	2		30	00	70
<b>Life Skills Development</b>						
<b>ENGL 11012</b>	English for Professionals	2		15	45	40
<b>DEPT 11122</b>	Fundamentals of ICT	2		15	45	40
<b>GWCG 11011</b>	Life & Professional Skills Development I	0	1	15	00	35
<b>Total (Semester I)</b>		<b>15</b>	<b>2</b>	<b>195</b>	<b>180</b>	<b>475</b>



## COURSE STRUCTURE FOR BACHELOR OF HEALTH SCIENCE (HONS) IN INDIGENOUS PHARMACEUTICAL TECHNOLOGY

### YEAR 1 – SEMESTER II

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Core Mandatory Subjects</b>						
<b>Essential Fundamental Knowledge Development</b>						
<b>BIPT 12012</b>	Plant Physiology	2		30	00	70
<b>BIPT 12021</b>	Plant Physiology Laboratory	1		00	45	05
<b>BIPT 12033</b>	Human Anatomy and Physiology	3		45	00	105
<b>BIPT 12041</b>	Human Anatomy and Physiology Laboratory	1		00	45	05
<b>BIPT 12052</b>	Indigenous Pharmacology	2		30	00	70
<b>BIPT 12061</b>	Fundamentals of Organic Chemistry	1		15	00	35
<b>Essential Fundamental Knowledge Development</b>						
<b>FMGS 12022</b>	Principles of Marketing	2		30	00	70
<b>DIMR 12031</b>	Basic Statistics	1		15	00	35
<b>Life Skills Development</b>						
<b>ENGL 12032</b>	English for Natural Sciences	2		15	45	40
<b>GWCG 12021</b>	Life & Professional Skills Development II	0	1	15	00	35
<b>Total (Semester II)</b>		<b>15</b>	<b>1</b>	<b>195</b>	<b>135</b>	<b>470</b>
<b>Total (Year 1)</b>		<b>30</b>	<b>3</b>	<b>390</b>	<b>315</b>	<b>945</b>
				<b>1650</b>		

## COURSE STRUCTURE FOR BACHELOR OF HEALTH SCIENCE (HONS) IN INDIGENOUS PHARMACEUTICAL TECHNOLOGY

### YEAR 2 – SEMESTER I

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Core Mandatory Subjects</b>						
<b>Essential Functional Knowledge Development</b>						
<b>BIPT 21012</b>	Principles of Indigenous Pharmaceutical Processing	2		30	00	70
<b>BIPT 21021</b>	Principles of Indigenous Pharmaceutical Processing Laboratory	1		00	45	05
<b>BIPT 21032</b>	Comparative Pharmacology	2		30	00	70
<b>BIPT 21042</b>	Post-harvest Management of Herbal Materials	2		30	00	70
<b>BIPT 21051</b>	Post-harvest Management of Herbal Materials Practical	1		00	45	05
<b>BIPT 21062</b>	Phyto-Chemistry	2		30	00	70
<b>BIPT 21071</b>	Phyto-Chemistry Laboratory	1		00	45	05
<b>BIPT 21082</b>	Medicinal Plant Propagation and Cultivation	2		15	45	40
<b>Life Skills Development</b>						
<b>FMGS 21032</b>	Human Resource Management	2		30	00	70
<b>GWCG 21031</b>	Life & Professional Skills Development III	0	1	00	45	05
<b>Total (Semester I)</b>		<b>15</b>	<b>1</b>	<b>135</b>	<b>315</b>	<b>350</b>

## COURSE STRUCTURE FOR BACHELOR OF HEALTH SCIENCE (HONS) IN INDIGENOUS PHARMACEUTICAL TECHNOLOGY

### YEAR 2 – SEMESTER II

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Essential Functional Expertise Knowledge Development</b>						
<b>BIPT 22012</b>	Herbal Pharmaceutical Processing	2		30	00	70
<b>BIPT 22021</b>	Herbal Pharmaceutical Processing Practical	1		00	45	05
<b>BIPT 22032</b>	Pharmaceutical Microbiology	2		30	00	70
<b>BIPT 22041</b>	Pharmaceutical Microbiology Laboratory	1		00	45	05
<b>BIPT 22052</b>	Therapeutic Indigenous Foods	2		30	00	70
<b>BIPT 22062</b>	Pharmaceutical Chemistry	2		30	00	70
<b>BIPT 22071</b>	Pharmaceutical Chemistry Laboratory	1		00	45	05
<b>Application Competency Development</b>						
<b>DIMR 22041</b>	Applied Statistics	1		15	00	35
<b>DIMR 22051</b>	Applied Statistics Practical	1		00	45	05
<b>Life Skills Development</b>						
<b>FMGS 22042</b>	Business Communication	2		15	45	40
<b>GWCG 22041</b>	Life & Professional Skills Development IV	0	1	00	45	05
<b>Total (Semester II)</b>		<b>15</b>	<b>1</b>	<b>150</b>	<b>270</b>	<b>380</b>
<b>Total (Year 2)</b>		<b>30</b>	<b>2</b>	<b>315</b>	<b>495</b>	<b>790</b>
				<b>1600</b>		

## COURSE STRUCTURE FOR BACHELOR OF HEALTH SCIENCE (HONS) IN INDIGENOUS PHARMACEUTICAL TECHNOLOGY

### YEAR 3 – SEMESTER I

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Core Mandatory Subjects</b>						
<b>Essential Applied Expertise Knowledge Development</b>						
<b>BIPT 31012</b>	Herbo -Mineral Pharmaceuticals Processing	2		30	00	70
<b>BIPT 31021</b>	Herbo -Mineral Pharmaceuticals Processing Practical	1		00	45	05
<b>BIPT 31032</b>	Quality Assurance of Indigenous Pharmaceuticals	2		30	00	70
<b>BIPT 31041</b>	Medicinal Plant Conservation	1		15	00	35
<b>BIPT 31052</b>	Indigenous Cosmeceuticals	2		15	45	40
<b>BIPT 31062</b>	Emerging Technologies in Pharmacy	2		30	00	70
<b>BIPT 31071</b>	Emerging Technologies in Pharmacy Laboratory	1		00	45	05
<b>FMGS 31052</b>	Principles of Economics	2		30	00	70
<b>Supplementary Choice Subjects</b>						
<b>Elective Expertise Knowledge Development (Select Any 2 of Theory –Practical-combinations out of 4)</b>						
<b>BIPT 31081</b>	Sociology of Indigenous Pharmaceuticals	1		15	00	35
<b>BIPT 31091</b>	Sociology of Indigenous Pharmaceuticals- Practical	1		00	45	05
<b>BIPT 31101</b>	Digital Marketing	1		15	00	35
<b>BIPT 31111</b>	Digital Marketing Practical	1		00	45	05
<b>Life Skills Development</b>						
<b>BIPT 31121</b>	Integrated Learning Portfolio (ILP)	0	1	00	00	50
<b>Total (Semester I)</b>		<b>15</b>	<b>1</b>	<b>165</b>	<b>180</b>	<b>455</b>

## COURSE STRUCTURE FOR BACHELOR OF HEALTH SCIENCE (HONS) IN INDIGENOUS PHARMACEUTICAL TECHNOLOGY

### YEAR 3 – SEMESTER II

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Core Mandatory Subjects</b>						
<b>Essential Applied Expertise Knowledge Development</b>						
<b>BIPT 32012</b>	Pharmaceutical Law and Regulations	2		30	00	70
<b>BIPT 32022</b>	Safety Profile of Indigenous Pharmaceuticals	2		30	00	70
<b>BIPT 32031</b>	Plant and Animal Experimentations	1		15	00	35
<b>BIPT 32041</b>	Pharmaceutical Biotechnology	1		15	00	35
<b>BIPT 32051</b>	Pharmaceutical Biotechnology Practical	1		00	45	05
<b>BIPT 32062</b>	Packaging and storing techniques for Indigenous Pharmaceuticals	2		30	00	70
<b>BIPT 32072</b>	Plant Pathology	2		15	45	40
<b>Analytical Competency Development</b>						
<b>BIPT 32081</b>	Results-based Project Analysis & Management	1		15	00	35
<b>BIPT 32091</b>	Results-based Project Analysis & Management – Practical	1		00	45	05
<b>Supplementary Choice Subjects</b>						
<b>Elective Expertise Knowledge Development (Select Any 2 of Theory –Practical-combinations out of 4)</b>						
<b>BIPT 32101</b>	Nanotechnology for Pharmaceuticals	1		15	00	35
<b>BIPT 32111</b>	Nanotechnology for Pharmaceuticals-Practical	1		00	45	05
<b>BIPT 32121</b>	Industrial Waste Management	1		15	00	35
<b>BIPT 32131</b>	Industrial Waste Management Practical	1		00	45	05
<b>Life Skills Development</b>						
<b>BIPT 32141</b>	Integrated Learning Portfolio (ILP)		1	00	00	50
<b>Total (Semester II)</b>		<b>15</b>	<b>1</b>	<b>180</b>	<b>135</b>	<b>485</b>
<b>Total (Year 3)</b>		<b>30</b>	<b>2</b>	<b>345</b>	<b>315</b>	<b>940</b>
				<b>1600</b>		

## COURSE STRUCTURE FOR BACHELOR OF HEALTH SCIENCE (HONS) IN INDIGENOUS PHARMACEUTICAL TECHNOLOGY

### YEAR 4 – SEMESTER I

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Essential Evaluation &amp; Creative Competency Development</b>						
<b>BIPT 41012</b>	Topical issues and trends in Indigenous Pharmaceuticals	2		30	00	70
<b>BIPT 41022</b>	Design and Development of Herbal Product	2		30	00	70
<b>BIPT 41031</b>	Design and Development of Herbal Product Practical	1		00	45	05
<b>BIPT 41042</b>	Research Methodology	2		30	00	70
<b>BIPT 41052</b>	Research Proposal Writing	2		00	90	10
<b>DIMR 41061</b>	Carbon Literacy	1		15	00	35
<b>DIMR 41072</b>	Business Planning and Venture Creation	2		30	00	70
<b>DIMR 41081</b>	Business Planning and Venture Creation-Practical	1		00	45	05
<b>Life &amp; Hard Skills Development</b>						
<b>BIPT 41092</b>	Integrated Learning Portfolio (ILP)	2		00	00	100
<b>Total (Semester I)</b>		<b>15</b>	<b>0</b>	<b>135</b>	<b>180</b>	<b>435</b>

### YEAR 4 – SEMESTER II

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Industry Exposure &amp; Job Content Skills Development</b>						
<b>BIPT 44018</b>	Research Project	8		00	800	00
<b>BIPT 42027</b>	Industrial Training	7		00	700	00
<b>Total (Semester II)</b>		<b>15</b>	<b>0</b>	<b>00</b>	<b>1500</b>	<b>00</b>
<b>Total (Year 4)</b>		<b>30</b>	<b>0</b>	<b>135</b>	<b>1680</b>	<b>435</b>
				<b>2250</b>		



## DETAILS OF SUBJECTS OFFERED IN THE CERTIFICATE OF MANAGEMENT

Each IMR and IPT undergraduate can obtain a certificate of management together with their bachelor's degree by completing the following course units offered by the Department of Indigenous Medical Resources and/or Department of Management Studies, FISSMS.

The details of those course units that should be completed to obtain the certificates of management are mentioned in the following table.

Certificate In Management		Department of Indigenous Medical Resources				Remarks
		BIMR		BIPT		
Course Code	Course Name	Course Code	Course Name	Course Code	Course Name	
CERT 11012/ FMGS 11012	Fundamentals of Management	FMGS 11012	Principles of Management	FMGS 11012	Principles of Management	Both BIMR and BIPT students should take this subject.
CERT 12022/ FMGS 12022	Principles of Marketing	BSMR 12072	Principles of Marketing and Agribusiness Management	FMGS 12022	Principles of Marketing	Exemption is only for BIMR students.
CERT 21032	Human Resources Management	FMGS 21032	Human Resource Management	FMGS 21032	Human Resource Management	Both BIMR and BIPT students should take this subject.

CERT 22042 /FMGS 22032	Business Communication	FMGS 22042	Business Communication	FMGS 22042	Business Communication	Both BIMR and BIPT students should take this subject.
CERT 31052	Principles of Economics	BSMR 11042	Principles of Economics for Medical Resource Development	FMGS 31052	Principles of Economics	Exemption is only for BIMR students.
CERT 41062/ FMGS 41062	Business Planning and Venture Creation	BSMR 41072	Agri-Food Business Planning and Venture Creation	DIMR 41072	Business planning and Venture Creation	Exemption is for both BIMR and BIPT students.
CERT 42073	Business Proposal/Project					Both BIMR and BIPT should follow the CERT 42073 Business proposal/ Project under the Certificate in Management.



## **DEPARTMENT OF INDIGENOUS HEALTH SCIENCES**

# THE DEPARTMENT OF INDIGENOUS HEALTH SCIENCES

## Department Vision and Mission

### Vision

To become an excellent department in the generation and dissemination of knowledge, skills, and attitudes to develop indigenous health systems by recognizing the needs and values of cultures

### Mission

To maintain the highest standards in education and innovation to develop indigenous health systems by producing competent professionals while appreciating the social, cultural, and economic values

## Degree Programmes Offered by the Department

The Department of Indigenous Health Sciences offers the Bachelor of Science Honors in Health Tourism and Hospitality Management degree programme and the Bachelor of Science Honors in Yoga and Parapsychology degree programme.

The syllabus and curriculum are structured on a course system, which runs in academic semesters. The duration of the semester is 15 weeks. A course is a subject module bearing a credit value. A credit is a time-based quantitative measure excluding the independent learning hours used in calculating the grade point average.

The course modules are organized into four academic years namely year 1, year 2, year 3 and year 4.

# **BACHELOR OF SCIENCE HONORS IN HEALTH TOURISM AND HOSPITALITY MANAGEMENT**

## **Introduction**

The Bachelor of Science Honors in Health Tourism and Hospitality Management study programme is a full-time study programme that provides knowledge, skills and attitudes pertaining to the principles and practices in health tourism and hospitality, offered during eight semesters including internship training in the relevant field of industry.

## **Goal**

The goal of the Bachelor of Science Honors in Health Tourism and Hospitality Management Programme is to generate competent professionals and entrepreneurs so as to provide effective and efficient services in health tourism and hospitality industry for the advancement of wellbeing of mankind and the environment by acting as a member of team in a setting of international community.

## **Objective**

The graduates of the discipline of Health Tourism and Hospitality Management of Gampaha Wickramarachchi University of Indigenous Medicine, Sri Lanka will possess satisfactory multi-disciplinary knowledge on the fundamental concepts, principles and practices relevant to Health Tourism and Hospitality Management.

1. Disseminate knowledge, practice and methodology in indigenous social knowledge for sustainable tourism development in Sri Lanka.
2. Preserve and transfer the cultural heritage of indigenous knowledge spread across all fields to the new generation.

## **BACHELOR OF SCIENCE HONORS IN HEALTH TOURISM AND HOSPITALITY MANAGEMENT**

### **Graduate Profile**

Health Tourism and Hospitality Management (BSc Hons) graduate of Gampaha Wickramarachchi University of Indigenous Medicine (GWUIM) will be a strategy-oriented resilient leader with entrepreneurial orientation, enterprise-wide focus and ethical conduct. He/She will be an IT literate, effective communicator proficient in several international languages, and knowledgeable in the concepts of medical tourism and hospitality management and skillful in identifying available indigenous resources and potential business opportunities for indigenous health tourism and hospitality management contemplating global and local situations; as well as capable of venturing into indigenous health tourism integrating available indigenous resources, taking strategic management decisions, managing health hospitality service organization/providing health and hospitality service at internationally accepted standards. With such knowledge, competencies and attitudes, graduates of GWUIM will be suitable for managerial and administrative position in medical tourism and hospitality industry.

### **Intended Learning Outcomes**

Upon successful completion of four academic years of Bachelor of Science Honors in Health Tourism and Hospitality Management degree programme, the graduate will be able to,

1. Demonstrate concepts of health tourism management (Indigenous) with key functional areas of tourism and hospitality organization.
2. Identify the potential business opportunities in Health Tourism considering global tourism trends, markets and management challenges.
3. Apply the academic and in-depth knowledge to take strategic management decisions in the field of health tourism business management.
4. Pooling the necessary resources to initiate business venture/s in Health Tourism with available resources.
5. Maintain the best possible internationally recognized standards of hospitality organization towards superior performance.
6. To be a strategy-oriented leader with entrepreneurial orientation, enterprise-wide focus on and ethical spirit.
7. Take strategic management decisions for the business enhancement and sustainable development.
8. Utilize indigenous knowledge pertaining to the health tourism and hospitality in the management of hospitality service providing centers or institutes.



9. Perform as a Tourist Guide Lecturer/interpreter by providing standard service including information and narrations concerning all aspects of tourism in Sri Lanka.
10. Act as a manager by organizing, coordinating and supervising all aspects of activities of hospitality service providing center/organization.
11. Manage problems related to the human resource management.
12. Identify and integrate relevant indigenous resources (Cultural, Medicinal and spiritual base) with hospitality service providing centers.
13. Effectively communicate using foreign languages, information technology and be able to obtain good practice of soft skills and social ethics in the field of health tourism and hospitality service providing sector.
14. Manage disaster and crisis situations with resilient knowledge, courage and ability to face challenges.

# BACHELOR OF SCIENCE HONORS IN YOGA AND PARAPSYCHOLOGY

## Introduction

This is a four-year Honors degree in Yoga and Parapsychology conducted by the Department of Indigenous Health Sciences, Faculty of Indigenous Health Sciences and Technology, Gampaha Wickramarachchi University of Indigenous Medicine. The students who are qualified with noted Z-score in all streams of GCE A/L examination will be eligible to apply for this programme. Yoga is a philosophical practice developed from thousands of years in influence of eastern knowledge systems. Practice of philosophical life through Yoga leads to physical and psycho-spiritual development. This Bachelor of Science Honors in Yoga and Parapsychology Degree Programme is presented to fill the gap between modern health concepts and indigenous health concepts on physical, mental, spiritual and social health development. Indigenous knowledge and concepts in health development through Yoga and Parapsychological practice is a popularized social culture in current era.

## Goal

To generate competent professionals and entrepreneurs to provide effective and efficient services in healthcare settings.

## Objectives

To Promote public health and awareness for the advancement of wellbeing of mankind by acting as a team member in healthcare settings.

## **BACHELOR OF SCIENCE HONORS IN YOGA AND PARAPSYCHOLOGY**

### **Graduate Profile**

Yoga and Parapsychology (BSc Hons) graduate of the Gampaha Wickramarachchi University of Indigenous Medicine (GWUIM) will possess sound knowledge on concepts, theories and ethical practices of indigenous philosophies relevant to healthcare settings and ability to apply advanced technologies in Yoga Sciences and Parapsychology practices; promote awareness on health and personality development through yoga and parapsychology practices; be an effective communicator as well as a responsible team player equipped with IT competencies, research skills, and managerial and entrepreneurial capabilities. With such knowledge, competencies and attitudes, BSc (Hons) in Yoga and Parapsychology graduate of the GWUIM will be suitable for occupations such as yoga therapist, yoga instructor and yoga entrepreneur positions in healthcare, educational and business fields.

### **Intended Learning Outcomes**

Upon successful completion of four academic years of Bachelor of Science Honors in Yoga and Parapsychology degree programme, the graduate will be able to;

1. Demonstrate knowledge on basic concepts, theories and ethics of indigenous philosophies in any healthcare setting.
2. Promote awareness for positive health and personality development through Yoga and Parapsychology practice.
3. To manage relevant field of services effectively as a member of a healthcare team.
4. Apply the advanced soft skills, IT competencies, effective communication skills and team working ability.
5. Practice professional ethics in delivering relevant services.
6. Contribute for research and development practice.
7. Initiate as entrepreneurs to contribute in national and international economy.
8. Apply advanced technology in Yoga and Parapsychology practice for healthcare, educational and business needs.

## MESSAGE FROM THE HEAD OF THE DEPARTMENT



**Mr. B. L. P. C Balasooriya**

MSc (Reading), BSc (Hons) (SUSL)

Head of the Department  
Department of Indigenous Health Sciences  
GWUIM, Sri Lanka  
[headihs@gwu.ac.lk](mailto:headihs@gwu.ac.lk) / [charund@gwu.ac.lk](mailto:charund@gwu.ac.lk)

On behalf of the Department of Indigenous Health Sciences at the Gampaha Wickramarachchi University of Indigenous Medicine, I extend a warm welcome to the third batch of students. It gives me great pleasure to have you join us in our journey toward academic excellence.

As a recently declared university in the Sri Lankan higher education system, we are proud to offer two new courses from our department: BSc Honors in Health Tourism and Hospitality Management and BSc Honors in Yoga and Parapsychology. Both courses are being offered for the first time in Sri Lanka and have been designed to cater to the demands of the modern world.

We commend you on your academic and life achievements thus far, and we are confident that your time with us will bring many more opportunities for growth and success.

Our faculty and staff are committed to providing you with the guidance and support you need to achieve your academic goals. We encourage you to take advantage of the resources available to you and to fully engage in the academic and extracurricular activities offered by the department and the university.

Once again, I wish you all the very best to succeed in all your future endeavors and we look forward to working with you and helping you achieve your full potential.

Mr. B. L. P. C Balasooriya  
Head of the Department  
Department of Indigenous Health Sciences

## KEY TO UNDERSTANDING THE STRUCTURE OF DEGREE PROGRAMMES

### (i) Bachelor of Science Honors in Health Tourism and Hospitality Management

#### (a) Curriculum Background

YEAR 1 of the study programme begins with study of Fundamentals of Indigenous Medicine, Introduction to Health Tourism and Hospitality, Tourism Geography and Sociology. In addition there are some courses to enhance the knowledge on tourism resource base, health and wellness segments, tourism economics and marketing principles with applications of indigenous health tourism practices. YEAR 2 curriculum begins with Human Resource Management, Hospitality Operations, and Financial Management Knowledge. Tourism Planning, Quality Management and Consumer Behaviour are also included to enhance management knowledge of the undergraduates. YEAR 3 curriculum concentrates on generating knowledge and skills on hotel operations in four main departments, including E-commerce and Sustainable Development in Tourism. Supplementary knowledge on Entrepreneurship, Event Management and Resort Design are also included in the curriculum, that can be selected based on student's preference. Opportunity gain hand on experience in the management of health tourism facilities in the field would be given during the YEAR 4.

#### (b) Notation of Course Units and Abbreviations used

All the courses are assigned a code number to indicate the following:

Course Code	- HTHM 00000
First four letters	- Name of the degree (HTHM)
First Digit	- Year of study
Second Digit	- Semester of each year (1=1 <sup>st</sup> semester, 2=2 <sup>nd</sup> semester, 3= either first semester or second semester, 4= in both semesters)
Third and fourth Digit	- Serial number of course unit in the relevant semester
Fifth Digit	- Credit value

#### Abbreviations in Common Course Codes - ABCD 00000

First four letters	- Name of the Subject Category
First Digit	- Year of Study
Second Digit	- Semester of each year (1=1 <sup>st</sup> Semester, 2=2 <sup>nd</sup> Semester, 3= either first semester or second semester, 4= in both semesters)
Third and fourth Digit	- Serial number of course unit in the relevant semester
Fifth Digit	- Credit value

**(c) Abbreviations of Subject Categories**

HTHM	Health Tourism & Hospitality Management
FMGS	Fundamentals of Management Studies
DIHS	Department of Indigenous Health Sciences
DEPT	Department of Technology
MYMH	Music, Yoga and Meditation for Health Practices
ENGL	English Language
GWCC	Gampaha Wickramarachchi University of Indigenous Medicine, Career Guidance Centre

**(ii) Bachelor of Science Honors in Yoga and Parapsychology****(a) Curriculum Background**

YEAR 1 of the study programme starts after the completion of orientation programme and spans a period of two semesters (30 weeks of academic activities). The curriculum of YEAR 1 begins with a study on Fundamentals of Indigenous Medicine; Fundamental Theoretical Knowledge and Practical Experience in Principles of Yoga and Parapsychology, Biological Sciences and Management. In addition, during YEAR 1 supplementary courses will be offered to enhance the language skills and professional skills. YEAR 2 begins with applied aspects of Yoga and Parapsychology sciences. Supplementary courses in Language, Information and Communication Technology and Management will be provided in YEAR 2 to enhance competencies and values of the undergraduates. YEAR 3 concentrates on generating knowledge and skills on Therapeutic Applications of Yoga and Parapsychology Sciences. Hands-on experience in the management of yoga and parapsychology practices and opportunity to solve encountered issues in the field of study will be given during the study period of YEAR 4.

**(b) Notation of Course Units and Abbreviations used**

All the courses are assigned a code number to indicate the following:

Course Code	- BSYP 00000
First four letters	- Name of the degree (BSYP)
First Digit	- Year of study

Second Digit	- Semester of each year (1=1 <sup>st</sup> semester, 2=2 <sup>nd</sup> semester, 3= either first semester or second semester, 4= in both semesters)
Third and fourth Digit	- Serial number of course unit in the relevant semester
Fifth Digit	- Credit value

### Abbreviations in Common Course Codes - ABCD 00000

First four letters	- Name of the Subject Category
First Digit	- Year of Study
Second Digit	- Semester of each year (1=1 <sup>st</sup> Semester, 2=2 <sup>nd</sup> Semester, 3= either first semester or second semester, 4= in both semesters)
Third and fourth Digit	- Serial number of course unit in the relevant semester
Fifth Digit	- Credit value

### (c) Abbreviations of Subject Categories

BSYP	Yoga and Parapsychology
DIMR	Department of Indigenous Medical Resources
FMGS	Fundamentals of Management Studies
DIHS	Department of Indigenous Health Sciences
DEPT	Department of Technology
MYMH	Music, Yoga and Meditation for Health Practices
ENGL	English Language
GWCC	Gampaha Wickramarachchi University of Indigenous Medicine, Career Guidance Centre



## COURSE STRUCTURE FOR BACHELOR OF SCIENCE HONORS IN HEALTH TOURISM AND HOSPITALITY MANAGEMENT

### YEAR 1 - SEMESTER I

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Core Mandatory Subjects</b>						
HTHM 11013	Introduction to Health Tourism	3		45	-	105
HTHM 11022	Introduction to Hospitality	2		30	-	70
HTHM 11032	Tourism Geography	2		30	-	70
HTHM 11042	Tourism Sociology	2		30	-	70
<b>Essential Fundamental Knowledge Development</b>						
FMGS 11012	Principles of Management	2		30	-	70
<b>Life Skills Development</b>						
DEPT 11122	Fundamentals of ICT & Computer Applications	2		15	45	40
ENGL 11012	English for Professionals	2		15	45	40
GWCG 11011	Life and Professional Skills Development I	0	1	15	-	35
<b>Total (Semester I)</b>		<b>15</b>	<b>1</b>	<b>210</b>	<b>90</b>	<b>500</b>

### YEAR 1 - SEMESTER II

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Core Mandatory Subjects</b>						
HTHM 12013	Tourism Resources and Sri Lankan Heritage	3		45	00	105
HTHM 12023	Applications of Traditional Medicine in Health Tourism	3		30	45	75
HTHM 12033	Economics for Health Tourism	3		45	00	105
<b>Essential Fundamental Knowledge Development</b>						
DIHS 12012	Business Mathematics	2		30	00	70
FMGS 12022	Principles of Marketing	2		30	00	70
<b>Life Skills Development</b>						
ENGL 12042	English for Yoga & Tourism	2		15	45	40
GWCG 12021	Life and Professional Skills Development II	0	1	-	45	05
<b>Total (Semester II)</b>		<b>15</b>	<b>1</b>	<b>195</b>	<b>135</b>	<b>470</b>
<b>Total (Year 1)</b>		<b>30</b>	<b>2</b>	<b>405</b>	<b>225</b>	<b>970</b>
				<b>1600</b>		

## YEAR 2 - SEMESTER I

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Essential Functional Knowledge Development</b>						
DIHS 21022	Human Resource Management	2		30	00	70
HTHM 21012	Front Office Operations	2		15	45	40
HTHM 21023	Hospitality Operations Management	3		45	00	105
HTHM 21032	Entrepreneurship Development	2		15	45	40
HTHM 21042	Accounting and Financial Management for Tourism	2		30	00	70
HTHM 21052	German Language -I	2		30	00	70
HTHM 21062	Natural Resources & Eco Tourism	2		30	00	70
<b>Life Skills Development</b>						
GWCG 21031	Life and Professional Development III	0	1	15	00	35
<b>Total (Semester I)</b>		<b>15</b>	<b>1</b>	<b>210</b>	<b>90</b>	<b>500</b>

## YEAR 2 - SEMESTER II

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Essential Functional Expertise Knowledge Development</b>						
HTHM 22012	Policy, Planning and Regulations for Tourism	2		30	00	70
HTHM 22022	Hotel Housekeeping Operations	2		15	45	40
HTHM 22033	Spa Management	3		30	45	75
HTHM 22042	Aviation Services for Health Tourism	2		30	00	70
HTHM 22052	German Language -II	2		30	00	70
HTHM 22062	Indigenous Food and Culinary Practices	2		15	45	40
<b>Life Skills Development</b>						
GWCG 22041	Life & Professional Development IV	0	1	15	00	35
FMGS 22042	Business Communication	2		15	45	40
<b>Total (Semester II)</b>		<b>15</b>	<b>1</b>	<b>180</b>	<b>180</b>	<b>440</b>
<b>Total (Year 2)</b>		<b>30</b>	<b>2</b>	<b>390</b>	<b>270</b>	<b>940</b>
				<b>1600</b>		

**YEAR 3 - SEMESTER I**

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Core Mandatory Subjects</b>						
<b>Essential Applied Expertise Knowledge Development</b>						
<b>HTHM 31013</b>	Professional Cookery	3		30	45	75
<b>HTHM 31022</b>	Sustainable Health Tourism Development	2		30	00	70
<b>HTHM 31032</b>	E Business Management & Digital Marketing	2		30	00	70
<b>HTHM 31042</b>	Special Interest Tourism	2		30	00	70
<b>HTHM 31052</b>	German Language III	2		30	00	70
<b>Supplementary Choice Subjects</b>						
<b>Elective Expertise Knowledge Development (Select Any 2 Theory- Practical combinations out of 3)</b>						
<b>HTHM 31061</b>	Event Management	1		15	00	35
<b>HTHM 31071</b>	Event Management - Practical	1		00	45	05
<b>HTHM 31081</b>	Tour Guiding	1		15	00	35
<b>HTHM 31091</b>	Tour Guiding -Practical	1		00	45	05
<b>HTHM 31101</b>	Planning and Designing of Health Resorts	1		15	00	35
<b>HTHM 31111</b>	Planning and Designing of Health Resorts- Practical	1		00	45	05
<b>Life &amp; Hard Skills Development</b>						
<b>HTHM 31121</b>	Integrated Learning Portfolio (ILP)	0	1	00	00	50
<b>Total (Semester I)</b>		<b>15</b>	<b>1</b>	<b>180</b>	<b>135</b>	<b>485</b>

## YEAR 3 - SEMESTER II

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Core Mandatory Subjects</b>						
<b>Essential Applied Expertise Knowledge Development</b>						
<b>HTHM 32012</b>	Strategic Management	2		30	00	70
<b>HTHM 32022</b>	Food & Beverage Operations	2		15	45	40
<b>HTHM 32032</b>	German Language IV	2		30	00	70
<b>DIHS 32033</b>	Business Statistics	3		30	45	75
<b>Analytical Competency Development</b>						
<b>HTHM 32042</b>	Results-Based Project Analysis & Management	2		15	45	40
<b>Supplementary Choice Subjects</b>						
<b>Elective Expertise Knowledge Development (Select 2 of Theory – Practical-combinations or 1 of Theory –Practical-combinations and DEPT 32022)</b>						
<b>HTHM 32051</b>	Tour Planning and Travel Agency Operation	1		15	00	35
<b>HTHM 32061</b>	Tour Planning and Travel Agency Operation- Practical	1		00	45	05
<b>HTHM 32071</b>	Indigenous Music, Yoga and Meditation	1		15	00	35
<b>HTHM 32081</b>	Indigenous Music, Yoga and Meditation- Practical	1		00	45	05
<b>DEPT 32022</b>	2D Graphic Design Practical	2		00	90	10
<b>Life and Hard Skills Development</b>						
<b>HTHM 32091</b>	Integrated Learning Portfolio (ILP)	0	1	00	00	50
<b>Total (Semester II)</b>		<b>15</b>	<b>1</b>	<b>135</b>	<b>270</b>	<b>395</b>
<b>Total (Year 3)</b>		<b>30</b>	<b>2</b>	<b>315</b>	<b>405</b>	<b>880</b>
				<b>1600</b>		

**YEAR 4 - SEMESTER I**

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Essential Evaluation and Creative Competency Development</b>						
<b>HTHM 41013</b>	Managing and Marketing Health Destination	3		45	00	105
<b>HTHM 41022</b>	Public Relations	2		30	00	70
<b>HTHM 41033</b>	Risk and Crisis Management in Tourism	3		45	00	105
<b>HTHM 41043</b>	Research Methodology	3		45	00	105
<b>HTHM 41052</b>	Research Proposal Writing	2		00	90	10
<b>Life and Hard Skills Development</b>						
<b>HTHM 41062</b>	Integrated Learning Portfolio (ILP)	2		00	00	100
<b>Total (Semester I)</b>		<b>15</b>	<b>0</b>	<b>165</b>	<b>90</b>	<b>495</b>

**YEAR 4 - SEMESTER II**

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Industry Exposure and Job Content Skills Development</b>						
<b>HTHM 42018</b>	Research Project	8		00	800	00
<b>HTHM 42027</b>	Bachelor's Work Integrated In-Plant Training & Learning	7		00	700	00
<b>Total (Semester I)</b>		<b>15</b>	<b>0</b>	<b>00</b>	<b>1500</b>	<b>00</b>
<b>Total (Year 4)</b>		<b>30</b>	<b>0</b>	<b>165</b>	<b>1590</b>	<b>495</b>
				<b>2250</b>		

## COURSE STRUCTURE FOR BACHELOR OF SCIENCE HONORS IN YOGA AND PARAPSYCHOLOGY

### YEAR 1 - SEMESTER I

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Core Mandatory Subjects</b>						
<b>BSYP 11012</b>	Foundation to Yoga	2		30	-	70
<b>BSYP 11022</b>	Introduction to Psychology	2		30		70
<b>BSYP 11032</b>	Basic Human Anatomy and Physiology	2		15	45	40
<b>BSYP 11042</b>	Yoga Practicum I	2		-	90	10
<b>Essential Fundamental Knowledge Development</b>						
<b>DIMR 11021</b>	Fundamentals of Indigenous Medicine	1		15	-	35
<b>FMGS 11012</b>	Principles of Management	2		30	-	70
<b>Life Skills Development</b>						
<b>ENGL 11012</b>	English for Professionals	2		15	45	40
<b>DEPT 11122</b>	Fundamentals of ICT and Computer Applications	2		15	45	40
<b>GWCG 11011</b>	Life & Professional Skills Development I	0	1	15	-	35
<b>Total (Semester I)</b>		<b>15</b>	<b>1</b>	<b>165</b>	<b>225</b>	<b>410</b>

### YEAR 1 - SEMESTER II

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Core Mandatory Subjects</b>						
<b>BSYP 12012</b>	Yoga Philosophy	2		30	-	70
<b>BSYP 12022</b>	General Biochemistry	2		15	45	40
<b>BSYP 12032</b>	Introduction to Parapsychology	2		30	-	70
<b>BSYP 12042</b>	Yoga Practicum II	2		-	90	10
<b>Essential Fundamental Knowledge Development</b>						
<b>DIHS 12012</b>	Business Mathematics	2		30	-	70
<b>FMGS 12022</b>	Principles of Marketing	2		30	-	70
<b>DEPT 12011</b>	2D Graphic Designing	1		-	45	05
<b>Life Skills Development</b>						
<b>ENGL 12042</b>	English for Yoga and Tourism	2		15	45	40
<b>GWCG 12021</b>	Life & Professional Skills Development II	0	1	-	45	05
<b>Total (Semester II)</b>		<b>15</b>	<b>1</b>	<b>150</b>	<b>270</b>	<b>380</b>
<b>Total (Year 1)</b>		<b>30</b>	<b>2</b>	<b>315</b>	<b>495</b>	<b>790</b>
				<b>1600</b>		

## YEAR 2 - SEMESTER I

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Core Mandatory Subjects</b>						
<b>BSYP 21012</b>	Practices of Hatha Yoga	2		30	-	70
<b>BSYP 21022</b>	Health Psychology	2		30	-	70
<b>BSYP 21032</b>	Mantra and Chanting Yoga	2		30	-	70
<b>BSYP 21042</b>	Dietetics and Routines for Yoga	2		30	-	70
<b>BSYP 21052</b>	Yoga Practicum – III	2		-	90	10
<b>Essential Functional Knowledge Development</b>						
<b>BSYP 21061</b>	Digital Marketing and E- Business	1		15	-	35
<b>DIHS 21022</b>	Human Resource Management	2		30	-	70
<b>BSYP 21072</b>	Consumer Behavior	2		30	-	70
<b>Life Skills Development</b>						
<b>GWCG 21031</b>	Life & Professional Skills Development III	0	1	-	45	05
<b>Total (Semester I)</b>		<b>15</b>	<b>1</b>	<b>195</b>	<b>135</b>	<b>470</b>

## YEAR 2 - SEMESTER II

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Core Mandatory Subjects</b>						
<b>BSYP 22012</b>	Yoga for Public Health	2		30	-	70
<b>BSYP 22022</b>	Counseling Psychology	2		30	-	70
<b>BSYP 22032</b>	Indigenous Martial Arts	2		30	-	70
<b>BSYP 22042</b>	Classical and Yoga Meditation	2		30	-	70
<b>BSYP 22052</b>	Yoga Practicum IV	2		-	90	10
<b>Essential Functional Knowledge Development</b>						
<b>FMGS 22042</b>	Business Communication	2		15	45	40
<b>BSYP 22061</b>	Organizational Behavior	1		15	-	35
<b>BSYP 22072</b>	Introduction to Naturopathy	2		30	-	70
<b>Life Skills Development</b>						
<b>GWCG 22041</b>	Life & Professional Skills Development IV	0	1	-	45	05
<b>Total (Semester II)</b>		<b>15</b>	<b>2</b>	<b>180</b>	<b>180</b>	<b>440</b>
<b>Total (Year 2)</b>		<b>30</b>	<b>2</b>	<b>375</b>	<b>315</b>	<b>910</b>
				<b>1600</b>		



**YEAR 3 - SEMESTER I**

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Core Mandatory Subjects</b>						
<b>Essential Applied Expertise Knowledge Development</b>						
<b>BSYP 31013</b>	Therapeutic Yoga	3		45	-	105
<b>BSYP 31022</b>	Therapeutic Psychology	2		30	-	70
<b>BSYP 31032</b>	Spiritualism and Divine Therapy	2		30	-	70
<b>BSYP 31042</b>	Yoga Tourism	2		30	-	70
<b>BSYP 31052</b>	Yoga Practicum – V	2		-	90	10
<b>Supplementary Choice Subjects</b>						
<b>Elective Expertise Knowledge Development (Select any two subjects)</b>						
<b>BSYP 31062</b>	German – I	2		30	-	70
<b>BSYP 31072</b>	Strategic Management	2		30	-	70
<b>BSYP 31082</b>	Yoga Psychology and Counseling	2		30	-	70
<b>BSYP 31092</b>	Tantra Yoga and Sexology	2		30	-	70
<b>Life and Hard Skills Development</b>						
<b>BSYP 31101</b>	Integrated Learning Portfolio (ILP)	-	1	-	-	50
<b>Total (Semester I)</b>		<b>15</b>	<b>1</b>	<b>195</b>	<b>90</b>	<b>515</b>

**YEAR 3 - SEMESTER II**

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Core Mandatory Subjects</b>						
<b>Essential Applied Expertise Knowledge Development</b>						
<b>BSYP 32012</b>	Neurology in Parapsychology	2		30	-	70
<b>BSYP 32022</b>	Yoga Pedagogy and Physical Education	2		30	-	70
<b>BSYP 32032</b>	Planning and Designing a Yoga Institution	2		30	-	70
<b>BSYP 32042</b>	Yoga Practicum – VI	2		-	90	10
<b>Analytical Competency Development</b>						
<b>DIHS 32033</b>	Business Statistics	3		30	45	75
<b>Supplementary Choice Subjects</b>						
<b>Elective Expertise Knowledge Development (Select any two subjects)</b>						
<b>BSYP 32052</b>	German – II	2		30	-	70
<b>BSYP 32062</b>	Cultural Tourism	2		30	-	70
<b>BSYP 32072</b>	General Astrology	2		30	-	70
<b>BSYP 32082</b>	Cosmic Healing Practices	2		30	-	70
<b>Life and Hard Skills Development</b>						
<b>BSYP 32091</b>	Integrated Learning Portfolio (ILP)		1	-	-	50
<b>Total (Semester II)</b>		<b>15</b>	<b>1</b>	<b>180</b>	<b>135</b>	<b>485</b>
<b>Total (Year 3)</b>		<b>30</b>	<b>2</b>	<b>375</b>	<b>225</b>	<b>1000</b>
		<b>1600</b>				

**YEAR 4 - SEMESTER I**

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Core Mandatory Subjects</b>						
<b>BSYP 41011</b>	Topical Issues & Trends in Yoga and Parapsychology Practices	1		15	-	35
<b>BSYP 41022</b>	Advanced Concepts in Parapsychology	2		30	-	70
<b>BSYP 41031</b>	Applied Psychology	1		15	-	35
<b>BSYP 41042</b>	Research Methodology	2		30	-	70
<b>BSYP 41051</b>	Research Proposal Development	1		-	45	05
<b>BSYP 41062</b>	Advanced Techniques in Yoga and Parapsychology Practicum	2		-	90	10
<b>Essential Applied Expertise Knowledge Development</b>						
<b>FMGS 41062</b>	Business Planning & Venture Creation	2		15	45	40
<b>BSYP 41072</b>	Entrepreneurship	2		30	-	70
<b>Life and Hard Skills Development</b>						
<b>BSYP 41082</b>	Integrated Learning Portfolio (ILP)	2		-	-	100
<b>Total (Semester I)</b>		<b>15</b>	<b>0</b>	<b>135</b>	<b>180</b>	<b>435</b>

**YEAR 4 - SEMESTER II**

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Industry Exposure and Job Content Skills Development</b>						
<b>BSYP 42018</b>	Research Project	8	0	-	800	-
<b>BSYP 42027</b>	Bachelor's Work Integrated In-Plant Training & Learning	7	0	-	700	-
<b>Total (Semester II)</b>		<b>15</b>	<b>0</b>	<b>-</b>	<b>1500</b>	<b>-</b>
<b>Total (Year 4)</b>		<b>30</b>	<b>0</b>	<b>135</b>	<b>1680</b>	<b>435</b>
				<b>2250</b>		

## DETAILS OF SUBJECTS OFFERED IN THE CERTIFICATE OF MANAGEMENT

Each BSYP and HTHM undergraduate can obtain a certificate of management together with their bachelor's degree by completing the following course units offered by the Department of Indigenous Health Sciences and/or Department of Management Studies, FISSMS.

The details of those course units that should be completed to obtain the certificates of management are mentioned in the following table.

Certificate In Management		Department of Indigenous Health Sciences				Remarks
		HTHM		BSYP		
Course Code	Course Name	Course Code	Course Name	Course Code	Course Name	
CERT 11012/ FMGS 11012	Fundamentals of Management	FMGS 11012	Principles of Management	FMGS 11012	Principles of Management	Both HTHM and BSYP students should take this subject.
CERT 12022/ FMGS 12022	Principles of Marketing	FMGS12022	Principles of Marketing	FMGS 12022	Principles of Marketing	Both HTHM and BSYP students should take this subject.
CERT 21032	Human Resources Management	DIHS 21022	Human Resource Management	DIHS 21022	Human Resource Management	Exemption for both HTHM and BSYP students.

CERT 22042 /FMGS 22032	Business Communication	FMGS 22042	Business Communication	FMGS 22042	Business Communication	Both HTHM and BSYP students should take this subject.
CERT 31052	Principles of Economics	HTHM 12033	Economics for Health Tourism	CERT 31052	Principles of Economics	Exemption is only for HTHM students.
CERT 41062/ FMGS 41062	Business Planning and Venture Creation	HTHM 21032	Entrepreneurship Development	FMGS 41062	Business Planning and Venture Creation	Exemption is only for HTHM students.
CERT 42073	Business Proposal/ Project					Both HTHM and BSYP should follow the CERT 42073 Business proposal/ Project under the Certificate in Management.

## DEPARTMENT OF TECHNOLOGY

## THE DEPARTMENT OF TECHNOLOGY

### Department Vision and Mission

#### Vision

Advancing the frontiers of technology by becoming a centre of excellence in facilitating multi-disciplinary research, innovation and technology education.

#### Mission

To provide accessibility, quality of service, equality of opportunity, a safe and supportive environment to high-quality, learning, training, and research environment towards developing technological, innovative, and entrepreneurial competences to meet the ever-advancing industrial and social needs.

### Degree Programmes Offered by the Department

The Department of Technology offers the Bachelor of Health Science Honors in Biomedical Technology degree programme and the Bachelor of Health Science Honors in Health Information and Communication Technology degree programme.

The syllabus and curriculum are structured on a course system, which runs in academic semesters. The duration of the semester is 15 weeks. A course is a subject module bearing a credit value. A credit is a time-based quantitative measure excluding the independent learning hours used in calculating the grade point average.

The course modules are organized into four academic years namely year 1, year 2, year 3 and year 4.



## **BACHELOR OF HEALTH SCIENCE HONORS IN BIOMEDICAL TECHNOLOGY**

### **Introduction**

This is a four-year honors degree in Bachelor of Health Science Honors in Biomedical Technology (BHSc Hons in BT) conducted by the Department of Technology, Faculty of Indigenous Health Sciences and Technology, Gampaha Wickramarachchi University of Indigenous Medicine. The students who are qualified with noted z-score in Biosystems Technology and Engineering Technology streams of GCE A/L examination along with Math or ICT or Agricultural Science will be eligible to apply for this program.

### **Goal**

To produce professionals and entrepreneurs capable of developing a technology-based consolidated solution that requires medicine and peripheral biomedical technology systems.

### **Objective**

To advance the highest standards of quality of education, innovation, and research in critical areas by contributing its services and resources to the development of medicine with the revolution in hospitals and relevant industries while appreciating the social, cultural, and economic values of disciplines.

## **BACHELOR OF HEALTH SCIENCE HONORS IN BIOMEDICAL TECHNOLOGY**

### **Graduate Profile**

The graduates of the discipline of Biomedical Technology of Gampaha Wickramarachchi University of Indigenous Medicine, Sri Lanka will be effective communicators and team players equipped with comprehensive multi-disciplinary knowledge on the fundamental concepts, principles, practices and technology relevant to programming, biomechanics and biomaterials, medical informatics, medical instrumentation, biomedical applications, human-computer interaction; skills to technology device-based approaches to meet end-user needs and solve real-world problems in healthcare systems and industry paying due attention to the psycho-social, cultural, economic, infrastructural, and ethical factors affecting resourceful device applications, enhance the networking informatics as well as routine operations related to biomedical applications and attitudes to continuously improve knowledge and skills through life-long learning to provide updated services.

### **Intended Learning Outcomes**

Upon successful completion of four academic years of this Bachelor of Health Science Honors in Biomedical Technology (BHSc Hons in BT) degree program, the graduate will be able to,

1. Approach technologically to address broadly defined real-world problems in medicine using biomedical instruments.
2. Utilize the materials and related instruments used in medicine with the help of clinical practice.
3. Be competent in the ethical and legal principles of indigenous medicine.
4. Effectively communicate and work as a team-player.
5. Build a good relationship between patients and pave the way to successful diagnosis and treatment.
6. Design and implement new biomedical equipment or solutions for use in small and large-scale healthcare systems.
7. Analyze, plan, implement and manage everyday operations of biomedical applications and instrumentation used in the healthcare industry for critical and effective decision making.
8. Create innovation to improve the quality of life using biomedical technology in medicine.
9. Plan and conduct research and test new procedures related to biomedical technology methods in the scopes of indigenous medicine.

## **BACHELOR OF HEALTH SCIENCE HONORS IN HEALTH INFORMATION AND COMMUNICATION TECHNOLOGY**

### **Introduction**

This is a four-year honors degree in Bachelor of Health Science Honors in Health Information and Communication Technology (BHSc Hons in HICT) conducted by the Department of Technology, Faculty of Indigenous Health Sciences and Technology, Gampaha Wickramarachchi University of Indigenous Medicine. The students who are qualified with noted z-score in Biosystems Technology and Engineering Technology streams of GCE A/L examination will be eligible to apply for this program.

### **Goal**

To produce professionals and entrepreneurs capable of developing a technology-based consolidated solution that requires medicine and peripheral biomedical technology systems.

### **Objectives**

To advance the highest standards of quality of education, innovation, and research in critical areas by contributing its services and resources to the development of medicine with the revolution in hospitals and relevant industries while appreciating the social, cultural, and economic values of disciplines.

# BACHELOR OF HEALTH SCIENCE HONORS IN HEALTH INFORMATION AND COMMUNICATION TECHNOLOGY

## Graduate Profile

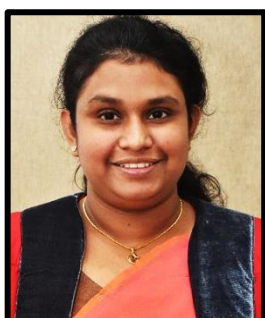
The graduates of the discipline of Health Information and Communication Technology of Gampaha Wickramarachchi University of Indigenous Medicine, Sri Lanka will be effective communicators and team players equipped with comprehensive multi-disciplinary knowledge on the fundamental concepts, principles, practices and technology relevant to health information management systems, mobile applications, remote communication, interactive web designing, cloud computing, big data; skills to ICT based approaches to meet end-user needs and solve real world problems in healthcare systems paying due attention to the psycho social, cultural, economic, infrastructural, and ethical factors affecting health related information and communication systems/channels, enhance the smart-device based Information and communication services in healthcare as well as routine operations related to computerized administrative systems in healthcare; and attitudes to continuously improve knowledge and skills through life-long learning to provide updated services.

## Intended Learning Outcomes

Upon successful completion of four academic years of this Bachelor of Health Science Honors in Health Information and Communication Technology program, the graduate will be able to,

1. Formulate ICT based approaches to real-world problems in healthcare systems.
2. Fulfill the end user needs in a wide variety of healthcare.
3. Evaluate and appropriately upgrade everyday operations related to computerized administrative systems in the context of healthcare, by evaluating, planning, implementing and managing computerized administrative systems.
4. Design and develop multimedia and hypermedia applications to enhance the smart-device based information and communication services in healthcare.
5. Implement online/offline smart IT applications using secured databases.
6. Adhere to principles of psycho-social, cultural, economic, infrastructural, and ethical factors affecting health related information and communication systems/channels.
7. Be effective communicators and team players with relevant soft skills.
8. Enhance relevant skills through life-long learning and research according to the emerging needs and trends.

## MESSAGE FROM THE HEAD OF THE DEPARTMENT



**Dr. D. A. N. D. Daranagama**

DEng (Japan), MEng (Japan) BSc (Hons) in Botany  
(Special)(UoK)

Head of the Department

Department of Indigenous Medical Resources

GWUIM, Sri Lanka

[hodtech@gwu.ac.lk](mailto:hodtech@gwu.ac.lk) / [nayani@gwu.ac.lk](mailto:nayani@gwu.ac.lk)

It is with great pleasure that I welcome you to the Department of Technology, GWUIM as our fourth batch of students of BHSc (Hons) in Biomedical Technology and BHSc (Hons) in Health Information and Communication Technology degree programs. At present department has given prime focus to its undergraduate program leading to the development of graduates with knowledge of expertise, skill and attitudes for necessities of national and international health market.

The department has a team of dynamic and highly qualified academics who are leaders in the respective fields. Students will be facilitated by those experts who incorporate the very latest thinking and discoveries directly into our courses and research. By combining the most futuristic teaching modalities with our students, including face-to-face as well as innovative distance and hybrid methods, they intend to train a set of young graduates to solve open-ended problems presented to them.

We pride ourselves on crafting comprehensive curricula designed to immerse you in a world of hands-on learning experiences. From laboratory to fieldwork, projects, workshops, and even a six-month internship and research work, our aim is to provide you with a rich tapestry of learning encounters that will not only deepen your understanding but also sharpen your practical skills.

As the head of the department, I am fully dedicated to upholding the exceptional standards of academic distinction and research that define our department's legacy. It is my strong encouragement for all our students to seize the abundance of opportunities awaiting them within the university. Engaging in these endeavors will not only nurture your leadership abilities and foster teamwork but also serve as invaluable.

I'm confident that having you here adds great value to our department, and we are eager to witness the incredible contributions you will make to our academic community and beyond.

I wish you all the best for your future endeavors in Department of Technology.

Dr. D. A. N. D. Daranagama  
Head of the Department  
Department of Technology

## KEY TO UNDERSTANDING THE STRUCTURE OF DEGREE PROGRAMMES

### (i) Bachelor of Health Science Honors in Biomedical Technology (BHSc (Hons) in BT)

#### (a) Curriculum Background of BHSc (Hons) in BT Degree Programme

YEAR I of BHSc (Hons) in BT study program spans within a period of two semesters (30 weeks of academic activities). YEAR I of the study is dedicated to providing the undergraduates with the necessary knowledge in the basics of Ayurveda together with English, Mathematics, and programming subjects. Subject modules offered from the 2nd semester of the program aimed at providing a well-balanced technology-oriented subject knowledge with practical skills required for various purposes in medical fields. YEAR 2 begins with the applied aspects of Biomedical Technology, Information and Communication Technology, and Management. The graduate will be able to gain knowledge about instrumentation and networking, and management this year. YEAR 3 of BHSc (Hons) in BT curriculum focuses on generating knowledge and skills, mini projects for applications in Biomedical Technology. Hands-on experience in the management of Biomedical Technology and the opportunity to solve encountered issues in the field of study is given during the study period of YEAR 4.

#### (b) Notation of Course Units and Abbreviations used

All the courses are assigned a code number to indicate the following:

Course Code	- BHBM 00000
First four letters	- Name of the degree (BHBM)
First Digit	- Year of study
Second Digit	- Semester of each year (1=1 <sup>st</sup> semester, 2=2 <sup>nd</sup> semester, 3= either first semester or second semester, 4= in both semesters)
Third and fourth Digit	- Serial number of course unit in the relevant semester
Fifth Digit	- Credit value

#### Abbreviations in Common Course Codes - ABCD 00000

First four letters	- Name of the Subject Category
First Digit	- Year of Study
Second Digit	- Semester of each year (1=1 <sup>st</sup> Semester, 2=2 <sup>nd</sup> Semester, 3= either first semester or second semester, 4= in both semesters)
Third and fourth Digit	- Serial number of course unit in the relevant semester
Fifth Digit	- Credit value

**(c) Abbreviations of Subject Categories**

DEPT	Department of Technology
FMGS	Fundamentals of Management Studies
FICT	Fundamentals of Information Communication Technology
ENGL	English Language
GWCC	Gampaha Wickramarachchi University of Indigenous Medicine, Career Guidance Centre

For course units with lectures only  
15 contact hours = 1 credit

For course units with practical work only  
30 – 45 hours of practical work = 1 credit  
60 – 75 hours of practical work = 2 credit

## (ii) Bachelor of Health Science Honors in Health Information and Communication Technology (BHSc (Hons) in HICT)

### (a) Curriculum Background of BHSc (Hons) in HICT Degree Programme

YEAR 1 of BHSc (Hons) in HICT study program spans within a period of two semesters (30 weeks of academic activities). YEAR 1 of BHSc (Hons) in HICT curriculum begins with a study of Fundamentals of Indigenous Medicine, together with Mathematics and Programming subjects. Supplementary courses will be offered to enhance the language skills and professional skills. The YEAR 2 of BHSc (Hons) in HICT curriculum begins with applied knowledge of Information and Communication Technology and Programming. Supplementary courses in Language, professional skills and Management will be provided to enhance competencies and values of the graduate. YEAR 3 of BHSc (Hons) in HICT curriculum focuses on generating knowledge and skills on therapeutic applications health ICT. Hands-on experience in the management of Information and communication technology and the opportunity to solve encountered issues in the field of study will be given during the study period of YEAR 4 of BHSc (Hons) in HICT curriculum.

### (b) Notation of Course Units and Abbreviations used

All the courses are assigned a code number to indicate the following:

Course Code	- HICT 00000
First four letters	- Name of the degree (HICT)
First Digit	- Year of study
Second Digit	- Semester of each year (1=1 <sup>st</sup> semester, 2=2 <sup>nd</sup> semester, 3= either first semester or second semester, 4= in both semesters)
Third and fourth Digit	- Serial number of course unit in the relevant semester
Fifth Digit	- Credit value

### Abbreviations in Common Course Codes - ABCD 00000

First four letters	- Name of the Subject Category
First Digit	- Year of Study
Second Digit	- Semester of each year (1=1 <sup>st</sup> Semester, 2=2 <sup>nd</sup> Semester, 3= either first semester or second semester, 4= in both semesters)
Third and fourth Digit	- Serial number of course unit in the relevant semester
Fifth Digit	- Credit value



**(c) Abbreviations of Subject Categories**

DEPT	Department of Technology
FMGS	Fundamentals of Management Studies
FICT	Fundamentals of Information Communication Technology
ENGL	English Language
GWCC	Gampaha Wickramarachchi University of Indigenous Medicine, Career Guidance Centre

For course units with lectures only

15 contact hours = 1 credit

For course units with practical work only

30 – 45 hours of practical work = 1 credit

60 – 75 hours of practical work = 2 credits

- Elective Course Unit Selection

Two-degree programs of the department offer elective subjects. Students should select elective subjects based on their subject interest. Some elective subjects consist of both theory and practical components. If any student selects such a subject, he or she must select both theory and practical component.

## COURSE STRUCTURE FOR BACHELOR OF HEALTH SCIENCE HONORS IN BIOMEDICAL TECHNOLOGY

### YEAR 1 - SEMESTER I

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Core Mandatory Subjects</b>						
DEPT 11012	Basic Mathematics for Technology	2	—	30	-	70
BHBM 11012	Foundations of Human Biology	2	—	30	-	70
BHBM 11021	Foundations of Human Biology - Practical	1	—	-	45	05
BHBM 11032	Basic Electronics and Circuits	2	—	15	45	40
<b>Essential Fundamental Knowledge Development</b>						
BHBM 11041	Fundamentals of Biomedical Technology	1	—	15	-	35
DEPT 11023	Computational Thinking for Problem Solving	3	—	45	-	105
FMGS 11012	Principles of Management	2	—	30	-	70
<b>Life Skills Development</b>						
ENGL 11012	English Language Skills	2	—	15	45	40
GWCG 11011	Life & Professional Skills Development - I	—	1	15	-	35
<b>Total (Semester I)</b>		<b>15</b>	<b>1</b>	<b>195</b>	<b>135</b>	<b>470</b>

### YEAR 1 - SEMESTER II

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Core Mandatory Subjects</b>						
BHBM 12012	Fundamentals of 2D Engineering Drawing with CAD	2	—	-	90	10
BHBM 12022	Fundamentals of Medical Informatics and Programming	2	—	15	45	40
<b>Essential Fundamental Knowledge Development</b>						
BHBM 12032	Environment and Public Health	2	—	30	-	70
BHBM 12043	Basic Human Anatomy and Physiology	3	—	30	45	75
BHBM 12051	Digital Electronics	1	—	-	45	05
FMGS 12022	Principles of Marketing	2	—	30	-	70
BHBM 12062	Biomedical Image Processing	2	—	15	45	40
<b>Life Skills Development</b>						
ENGL 12031	English for Technology	1	—	15	-	35
DEPT 12031	Creative Digital Media	—	1	-	45	05
GWCG 12021	Life & Professional Skills Development - II	—	1	-	45	05
<b>Total (Semester II)</b>		<b>15</b>	<b>2</b>	<b>135</b>	<b>360</b>	<b>355</b>
<b>Total (Year 1)</b>		<b>30</b>	<b>3</b>	<b>330</b>	<b>495</b>	<b>825</b>
				<b>1650</b>		

**YEAR 2 - SEMESTER I**

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Core Mandatory Subjects</b>						
BHBM 21012	Chemical Sensors and Biosensors	2	—	30	-	70
BHBM 21022	Introduction to Medical Instrumentation	2	—	30	-	70
BHBM 21031	Introduction to Medical Instrumentation - Practical	1	—	-	45	05
BHBM 21042	Biomechanics and Biomaterials	2	—	30	-	70
DEPT 21043	Data Communication and Networking	3	—	30	45	75
<b>Essential Fundamental Knowledge Development</b>						
BHBM 21052	Microprocessors and microcontrollers for Biomedical Technology	2	—	30	-	70
BHBM 21061	Web application development	1	—	-	45	05
BHBM 21071	Biochemistry	1	—	15	-	35
BHBM 21081	Biochemistry - Practical	1	—	-	45	05
<b>Life Skills Development</b>						
GWCG 21031	Life & Professional Skills Development - III	—	1	-	45	05
<b>Total (Semester I)</b>		<b>15</b>	<b>1</b>	<b>165</b>	<b>225</b>	<b>410</b>

**YEAR 2 - SEMESTER II**

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Core Mandatory Subjects</b>						
BHBM 22012	Advanced Medical Instrumentation and Biomedical Simulations	2	—	30	-	70
BHBM 22021	Microcontroller Technology	1	—	-	45	05
BHBM 22032	Human-Computer Interaction (HCI)	2	—	-	90	10
<b>Essential Functional Expertise Knowledge Development</b>						
BHBM 22043	Introduction to Biotechnology	3	—	30	45	75
BHBM 22052	Radiation Diagnostics & Processing	2	—	15	45	40
BHBM 22061	Hospital Safety and Management	1	—	15	-	35
<b>Application Competency Development</b>						
BHBM 22072	Applied Statistics	2	—	15	45	40
<b>Life Skills Development</b>						
FMGS 22042	Business Communication	2	—	15	45	40
GWCG 22041	Life & Professional Skills Development - IV	—	1	-	45	05
<b>Total (Semester II)</b>		<b>15</b>	<b>1</b>	<b>120</b>	<b>360</b>	<b>320</b>
<b>Total (Year 2)</b>		<b>30</b>	<b>2</b>	<b>285</b>	<b>585</b>	<b>730</b>
				<b>1600</b>		

## YEAR 3 - SEMESTER I

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Core Mandatory Subjects</b>						
<b>BHBM 31012</b>	Advanced Mathematics	2	—	30	-	70
<b>Essential Applied Expertise Knowledge Development</b>						
<b>BHBM 31022</b>	Modern Imaging Systems	2	—	30	-	70
<b>BHBM 31031</b>	Cardiac and Neuro Technology	1	—	-	45	05
<b>BHBM 31042</b>	Physiological Control System Analysis for Biological Systems	2	—	15	45	40
<b>Analytical Competency Development</b>						
<b>DEPT 31051</b>	Results-based Project Analysis & Management	1	—	15	-	35
<b>BHBM 31053</b>	Mini Project – I	3	—	-	150	-
<b>Supplementary Choice Subjects</b>						
<b>Elective Applied Expertise Knowledge Development (Select Any 2 out of 3)</b>						
<b>BHBM 31062</b>	Embedded Systems	2	—	15	45	40
<b>BHBM 31072</b>	3D Modelling and Animation	2	—	15	45	40
<b>BHBM 31082</b>	Medical Robotics and Automation	2	—	15	45	40
<b>Life &amp; Hard Skills Development</b>						
<b>DEPT 31061</b>	Integrated Learning Portfolio (ILP)	—	1	-	-	50
<b>Total (Semester I)</b>		<b>15</b>	<b>1</b>	<b>120</b>	<b>330</b>	<b>350</b>

## YEAR 3 - SEMESTER II

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Core Mandatory Subjects</b>						
<b>BHBM 32011</b>	Artificial Intelligence	1	—	15	-	35
<b>BHBM 32021</b>	Total Productive Maintenance (TPM)	1		15	-	35
<b>BHBM 32032</b>	Wireless Communication	2	—	30	-	70
<b>DEPT 32072</b>	Virtual, Augmented, Mixed and Extended Reality	2	—	-	90	10
<b>BHBM 32042</b>	Computer Hardware and Internet of Things	2	—	-	90	10
<b>Analytical Competency Development</b>						
<b>BHBM 32052</b>	Virtual Biomedical Instrumentation	2	—	15	45	40
<b>BHBM 32063</b>	Mini Project – II	3	—	-	150	-
<b>Supplementary Choice Subjects</b>						
<b>Elective Applied Expertise Knowledge Development (Select Any 1 out of 3)</b>						
<b>BHBM 32072</b>	Biotelemetry	2	—	15	45	40
<b>BHBM 32082</b>	Medical Biotechnology	2	—	15	45	40
<b>BHBM 32092</b>	Mobile Application Development	2	—	15	45	40
<b>Life &amp; Hard Skills Development</b>						
<b>BHBM 32101</b>	Professional Ethics and Practices	—	1	15	-	35
<b>DEPT 32081</b>	Integrated Learning Portfolio (ILP)	—	1	-	-	50
<b>Total (Semester II)</b>		<b>15</b>	<b>2</b>	<b>105</b>	<b>420</b>	<b>325</b>
<b>Total (Year 3)</b>		<b>30</b>	<b>3</b>	<b>225</b>	<b>750</b>	<b>675</b>
				<b>1650</b>		

## YEAR 4 - SEMESTER I

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Essential Evaluation &amp; Creative Competency Development</b>						
<b>BHBM 41012</b>	Ergonomics and Engineering Design	2	—	30	-	70
<b>BHBM 41021</b>	Emerging Technologies in BT	1	—	15	-	35
<b>BHBM 41032</b>	Tissue and Gene Technology	2	—	30	-	70
<b>Supplementary Choice Subjects</b>						
<b>Elective Expertise Knowledge Development (Select Any 2 of Theory –Practical-combinations out of 6)</b>						
<b>BHBM 41042</b>	Internet of Things (IoT) for BT Applications	2	—	30	-	70
<b>BHBM 41051</b>	Internet of Things (IoT) for BT Applications - Practical	1	—	-	45	05
<b>DEPT 41092</b>	Automatic Learning and Pattern Recognition	2	—	30	-	70
<b>DEPT 41101</b>	Automatic Learning and Pattern Recognition - Practical	1	—	-	45	05
<b>FMGS 41052</b>	Service Quality Management	2	—	30	-	70
<b>FMGS 41061</b>	Service Quality Management - Practical	1	—	-	45	05
<b>Analytical Competency Development</b>						
<b>BHBM 41062</b>	Research Methodology & Proposal Development	2	—	-	90	10
<b>Life &amp; Hard Skills Development</b>						
<b>DEPT 41112</b>	Integrated Learning Portfolio (ILP)	2	-	-	-	100
<b>Total (Semester I)</b>		<b>15</b>	<b>0</b>	<b>135</b>	<b>180</b>	<b>435</b>

## YEAR 4 - SEMESTER II

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Industry Exposure &amp; Job Content Skills Development</b>						
<b>BHBM 44018</b>	Research Project	8	—	-	800	-
<b>BHBM 42027</b>	Internship	7	—	-	700	-
<b>Total (Semester II)</b>		<b>15</b>	<b>—</b>	<b>-</b>	<b>1500</b>	<b>-</b>
<b>Total (Year 4)</b>		<b>30</b>	<b>0</b>	<b>135</b>	<b>1680</b>	<b>435</b>
				<b>2250</b>		

## COURSE STRUCTURE FOR BACHELOR OF HEALTH SCIENCE HONORS IN HEALTH INFORMATION AND COMMUNICATION TECHNOLOGY

### YEAR 1 - SEMESTER I

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Core Mandatory Subjects</b>						
DEPT 11012	Basic Mathematics for Technology	2	—	30	-	70
HICT 11013	Introduction to Computer Systems	3	—	30	45	75
HICT 11023	Introduction to Programming	3	—	30	45	75
<b>Essential Fundamental Knowledge Development</b>						
DEPT 11023	Computational Thinking for Problem Solving	3	—	45	-	105
FMGS 11012	Fundamentals of Management	2	—	30	-	70
<b>Life Skills Development</b>						
ENGL 11012	English Language Skills I	1	—	15	45	40
GWCG 11011	Life & Professional Skills Development I	—	1	15	-	35
<b>Total (Semester I)</b>		<b>15</b>	<b>1</b>	<b>195</b>	<b>135</b>	<b>470</b>

### YEAR 1 - SEMESTER II

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Core Mandatory Subjects</b>						
HICT 12012	Object Oriented Programming	2	—	30	-	70
HICT 12022	Object Oriented Programming Practical	2	—	-	90	10
HICT 12032	Fundamental Statistics and Analytics	2	—	30	-	70
HICT 12042	Introduction to Data Modeling	2	—	30	-	70
HICT 12052	Introduction to Health Information Management (HIM)	2	—	30	-	70
<b>Essential Fundamental Knowledge Development</b>						
HICT 12062	Basic Health Concepts	2	—	30	-	70
FMGS 12022	Principles of Marketing	2	—	30	-	70
<b>Life Skills Development</b>						
ENGL 12031	English for Technology	1	—	15	-	35
DEPT 12031	Creative Digital Media	—	1	-	45	05
GWCG 12021	Life & Professional Skills Development II	—	1	-	45	05
<b>Total (Semester II)</b>		<b>15</b>	<b>2</b>	<b>195</b>	<b>180</b>	<b>475</b>
<b>Total (Year 1)</b>		<b>30</b>	<b>3</b>	<b>390</b>	<b>315</b>	<b>945</b>
				<b>1650</b>		

## YEAR 2 - SEMESTER I

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Core Mandatory Subjects</b>						
<b>HICT 21012</b>	Advanced Mathematics for Technology	2	—	30	-	70
<b>HICT 21022</b>	Computer Architecture and Operating Systems	2	—	30	-	70
<b>HICT 21033</b>	Database Systems	3	—	30	45	75
<b>DEPT 21043</b>	Data Communication and Networking	3	—	30	45	75
<b>Essential Functional Knowledge Development</b>						
<b>HICT 21043</b>	Introduction to Biotelemetry	3	—	30	45	75
<b>HICT 21052</b>	Software Process Modeling	2	—	30	-	70
<b>Life Skills Development</b>						
<b>GWCG 21031</b>	Life & Professional Skills Development III	—	1	-	45	05
<b>Total (Semester I)</b>		<b>15</b>	<b>1</b>	<b>180</b>	<b>180</b>	<b>440</b>

## YEAR 2 - SEMESTER II

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Essential Functional Expertise Knowledge Development</b>						
<b>HICT 22013</b>	Web Design and Development	3	—	-	135	15
<b>HICT 22023</b>	Data Structures and Algorithms	3	—	30	45	75
<b>HICT 22031</b>	2D Graphics Design	1	—	-	45	05
<b>Elective Expertise Knowledge Development (Select only 2 out of 3)</b>						
<b>HICT 22042</b>	Digital Journalism	2	—	15	45	40
<b>HICT 22052</b>	Digital Photography for eBusiness	2	—	15	45	40
<b>HICT 22062</b>	Digital Electronics	2	—	15	45	40
<b>Application Competency Development</b>						
<b>HICT 22072</b>	Advanced Statistics and Analytics	2	—	-	90	10
<b>Life Skills Development</b>						
<b>FMGS 22042</b>	Business Communication	2	—	15	45	40
<b>GWCG 22041</b>	Life & Professional Skills Development IV	—	1	-	45	05
<b>Total (Semester II)</b>		<b>15</b>	<b>1</b>	<b>75</b>	<b>495</b>	<b>230</b>
<b>Total (Year 2)</b>		<b>30</b>	<b>2</b>	<b>255</b>	<b>675</b>	<b>670</b>
				<b>1600</b>		



**YEAR 3 - SEMESTER I**

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Core Mandatory Subjects</b>						
<b>Essential Applied Expertise Knowledge Development</b>						
HICT 31013	Information System Design	3	-	30	45	75
HICT 31023	Cyber Security and Data Privacy	3	-	30	45	75
HICT 31033	Mobile Application Development	3	-	15	90	45
HICT 31042	3D Modeling and Animation	2	-	-	90	10
<b>Analytical Competency Development</b>						
DEPT 31051	Results-based Project Analysis & Management	1	-	15	-	35
HICT 31053	Mini Project – I	3	-	-	150	-
<b>Life &amp; Hard Skills Development</b>						
DEPT 31061	Integrated Learning Portfolio (ILP)	-	1	-	-	50
<b>Total (Semester I)</b>		<b>15</b>	<b>1</b>	<b>90</b>	<b>420</b>	<b>290</b>

**YEAR 3 - SEMESTER II**

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Essential Applied Expertise Knowledge Development</b>						
HICT 32011	Mobile Communication for Emergency Services	1	-	15	-	35
HICT 32022	Web Application Development	2	-	-	90	10
HICT 32031	Cloud Computing and Big Data in HICT	1	-	-	45	05
DEPT 32072	Virtual, Augmented, Mixed and Extended Reality	2	-	-	90	10
<b>Analytical Competency Development</b>						
HICT 32042	Software Quality Assurance	2	-	30	-	70
HICT 32053	Mini Project – II	3	-	-	150	-
<b>Supplementary Choice Subjects</b>						
<b>Elective Applied Expertise Knowledge Development (Select Any 2 out of 4)</b>						
HICT 32062	Wireless Communication	2	-	15	45	40
HICT 32072	Film-Making for eContent Development	2	-	15	45	40
HICT 32082	Medical Image Processing	2	-	15	45	40
HICT 32092	Microcontroller & Microprocessor Technology	2	-	15	45	40
<b>Life &amp; Hard Skills Development</b>						
HICT 32081	Professional Ethics and Practices	-	1	15	-	35
DEPT 32081	Integrated Learning Portfolio (ILP)	-	1	-	-	50
<b>Total (Semester II)</b>		<b>15</b>	<b>2</b>	<b>90</b>	<b>465</b>	<b>295</b>
<b>Total (Year 3)</b>		<b>30</b>	<b>3</b>	<b>180</b>	<b>885</b>	<b>585</b>
				<b>1650</b>		

## YEAR 4 - SEMESTER I

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Essential Evaluation &amp; Creative Competency Development</b>						
HICT 41011	Emerging Technologies in ICT	1	-	15	-	35
HICT 41022	Research Methodology	2	-	-	90	10
HICT 41032	Research Proposal Development	2	-	-	90	10
HICT 41042	Introduction to Game Design and Development	2	-	30	-	70
<b>Supplementary Choice Subjects</b>						
<b>Elective Applied Expertise Knowledge Development (Select Any 2 of Theory –Practical- combinations out of 4)</b>						
HICT 41052	Artificial Intelligence	2	-	30	-	70
HICT 41061	Artificial Intelligence - Practical	1	-	-	45	05
HICT 41072	Internet of Things (IoT)	2	-	30	-	70
HICT 41081	Internet of Things (IoT) - Practical	1	-	-	45	05
DEPT 41092	Automatic Learning and Pattern Recognition	2	-	30	-	70
DEPT 41101	Automatic Learning and Pattern Recognition Practical	1	-	-	45	05
FMGS 41062	Service Quality Management	2	-	30	-	70
FMGS 41071	Service Quality Management Practical	1	-	-	45	05
<b>Life &amp; Hard Skills Development</b>						
DEPT 41112	Integrated Learning Portfolio (ILP)	2	-	-	-	100
<b>Total (Semester I)</b>		<b>15</b>	<b>-</b>	<b>105</b>	<b>270</b>	<b>375</b>

## YEAR 4 - SEMESTER II

Subject Code	Subject Name	GPA Credits	NGPA Credits	T	P	IL
<b>Industry Exposure &amp; Job Content Skills Development</b>						
HICT 44018	Research Project	8	-	00	800	00
HICT 42027	Internship	7	-	00	700	00
<b>Total (Semester II)</b>		<b>15</b>	<b>-</b>	<b>00</b>	<b>1500</b>	<b>00</b>
<b>Total (Year 4)</b>		<b>30</b>	<b>-</b>	<b>105</b>	<b>1770</b>	<b>375</b>
				<b>2250</b>		

## Details of Subjects Offered in the Certificate in Management

The Faculty of Indigenous Social Sciences and Management Studies at GWUIM is pleased to offer a comprehensive Certificate Course in Management. This interdisciplinary program is designed to equip students with essential management skills and knowledge, complementing their existing studies in BHSc Hons in Biomedical Technology and Health Information Communication Technology. The certificate course incorporates selected subjects from both degree programs, ensuring a well-rounded understanding of management principles. Additionally, the faculty offers specialized management subjects to complete the curriculum. Successful completion of all required subjects will result in the award of a Certificate in Management.

Following table detailed breakdown of the course structure.

Name of the Module	Course code	Offered Year and Semester	Resource Person (External /Internal)	Requirement for the Certificate in Management	Number of Credits
<b>Compulsory for Undergraduates of Department of Technology</b>					
Fundamentals of Management / Principles of Management	CERT 11012/ FMGS 11012	1st Year Semester 1	Internal/ External	Compulsory Common Course	2
Principles of Marketing	CERT 12022/ FMGS 12022	1st Year Semester 2	Internal / External	Compulsory Common Course	2
Business Communication	CERT 22042/ FMGS 22042	2nd Year Semester 2	Internal / External	Compulsory Common Course	2
<b>Required subjects to complete the certificate course which are not included in curriculum of our 2 degree programs</b>					
Human Resource Management	CERT 21032/ FMGS 21032	2 <sup>nd</sup> Year Semester 1	Internal / External	Compulsory Common Course	2

Principles of Economics	CERT 31052/ FMGS 31052	3 <sup>rd</sup> Year Semester 1	Internal / External	Compulsory Common Course	2
Business Planning and Venture Creation	CERT 41062/ FMGS 41062	4th Year Semester 1	Internal / External	Compulsory Common Course	2
Business Proposal / Project	CERT 42073	4th Year Semester 2	Internal	Compulsory	3
<b>Total Credits</b>					<b>15</b>

## GRADE POINT VALUES AND GRADING CRITERIA

1. Grade Point Values and Credit Values of all registered Grade Point Average course units of the particular degree programme shall be taken into account in calculating the Grade Point Average (GPA) of the student.
2. Marks obtained in respect of a course unit will be graded according to the following grading system. A grade point value as indicated below is assigned to each grade.

Range of Marks	Grade	Point Value
85 - 100	A+	4.0
70 - 84	A	4.0
65 - 69	A-	3.7
60 - 64	B+	3.3
55 - 59	B	3.0
50 - 54	B-	2.7
45 - 49	C+	2.3
40 - 44	C	2.0
35 - 39	C-	1.7
30 - 34	D+	1.3
25 - 29	D	1.0
00 - 24	E	0.0

3. Students should complete all course units that they are registered for and if they fail to complete a particular course unit, it will be indicated in the result sheet as “absent” and a zero (0.0) Grade Point Value (GPV) will be assigned to it.

## GRADE POINT VALUES AND GRADING CRITERIA

### Grade Point Average (GPA)

Grade Point Average (GPA) is the credit-weighted arithmetic mean of the Grade Point Values, which is determined by dividing the total credit-weighted Grade Point Value by the total number of credits. GPA shall be computed to the second decimal place.

Example: A student who has completed one-course unit with two credits, three-course units each of three credits, and two-course units each of 1 credit with grades **A, C, B, D, C+, and A+** respectively would have a **GPA of 2.48** as calculated below:

$$\begin{aligned}\text{GPA} &= \frac{(2 \times 4.0) + (3 \times 2.0) + (3 \times 3.0) + (3 \times 1.0) + (1 \times 2.3) + (1 \times 4.0)}{2 + 3 + 3 + 3 + 1 + 1} \\ &= \frac{32.3}{13} \\ &= 2.48\end{aligned}$$

Grade point values and credit values of all registered course units in a study programme of a student shall be taken into account in calculating the GPA, unless stated otherwise.

### Final Grade Point Average (FGPA)

The Final Grade Point Average (hereinafter referred to as the FGPA) for the degree programme shall be calculated at the completion of all stipulated requirements of all registered core and elective course units of the Degree programme selected by the student.

The FGPA shall be calculated using the following formula:

$$\text{FGPA} = \frac{\sum [\text{Grade Point scored for Course Unit} \times \text{Credit value of Course Unit}]}{\text{Cumulative credit value of all GPA Course Units of the Degree Programme}}$$

Grade point values and credit values of all registered course units in a study programme of a student shall be taken into account in calculating the FGPA, unless stated otherwise.

The non-credited courses (Non-GPA) shall not contribute to the FGPA. However, obtaining a “C” grade for a non-credited course will be mandatory to be eligible for the award of the degree.

## BY-LAWS AND AMENDMENTS

The By-laws for both degree programs offered by departments of the Faculty of Indigenous Health Sciences and Technology are provided under Sections 1. The Student By-laws have been amended for the 2022/2023 student intake and onwards, particularly with regard to the examination by-laws (6.0. Examinations and Evaluation Methods). These amended By-laws can be accessed via the links provided under section 2. All 2023/2024 undergraduate students are required to follow the relevant By-laws along with these amendments.

### SECTION 1 - BY-LAWS

#### DEPARTMENT OF INDIGNEOUS MEDICAL RESOURCES

1. **Bachelor of Science Honors in Indigenous Medicinal Resources**  
[https://gwu.ac.lk/images/Bylaw/FIHST/DIMR/5\\_Bachelor\\_of\\_Science\\_Honours\\_in\\_Indigenous\\_Medicinal\\_Resources\\_Degree\\_By-Laws\\_Amendment\\_2020\\_2021.pdf](https://gwu.ac.lk/images/Bylaw/FIHST/DIMR/5_Bachelor_of_Science_Honours_in_Indigenous_Medicinal_Resources_Degree_By-Laws_Amendment_2020_2021.pdf)
2. **Bachelor of Health Science Honors in Indigenous Pharmaceutical Technology**  
<https://drive.google.com/file/d/1u5W1enKZNQ2rYz1SO1U4083097onKVPO/view?usp=sharing>

#### DEPARTMENT OF INDIGNEOUS HEALTH SCIENCES

3. **Bachelor of Science Honors in Yoga and Parapsychology**  
[https://gwu.ac.lk/images/Bylaw/FIHST/DIHS/Yoga\\_Parapsychology.pdf](https://gwu.ac.lk/images/Bylaw/FIHST/DIHS/Yoga_Parapsychology.pdf)
4. **Bachelor of Science Honors in Health Tourism and Hospitality Management**  
[https://gwu.ac.lk/images/Bylaw/FIHST/DIHS/Health\\_Tourism\\_Degree.pdf](https://gwu.ac.lk/images/Bylaw/FIHST/DIHS/Health_Tourism_Degree.pdf)

#### DEPARTMENT OF TECHNOLOGY

5. **Bachelor of Health Science Honors in Biomedical Technology**  
<https://drive.google.com/file/d/1u5W1enKZNQ2rYz1SO1U4083097onKVPO/view?usp=sharing>
6. **Bachelor of Health Science Honors in Health Information and Communication Technology**  
<https://drive.google.com/file/d/1u5W1enKZNQ2rYz1SO1U4083097onKVPO/view?usp=sharing>

## SECTION 2 - AMENDMENTS FOR BY-LAWS

### DEPARTMENT OF INDIGNEOUS MEDICAL RESOURCES

7. **Bachelor of Science Honors in Indigenous Medicinal Resources**

[https://gwu.ac.lk/images/Bylaw/FIHST/DIMR/5\\_Bachelor\\_of\\_Science\\_Honours\\_in\\_Indigenous\\_Medicinal\\_Resources\\_Degree\\_By-Laws\\_Amendment\\_2021\\_2022\\_and\\_2022\\_2023.pdf](https://gwu.ac.lk/images/Bylaw/FIHST/DIMR/5_Bachelor_of_Science_Honours_in_Indigenous_Medicinal_Resources_Degree_By-Laws_Amendment_2021_2022_and_2022_2023.pdf)

### DEPARTMENT OF INDIGNEOUS HEALTH SCIENCES

8. **Bachelor of Science Honors in Yoga and Parapsychology**

[https://gwu.ac.lk/images/Bylaw/FIHST/DIHS/1\\_Bachelor\\_of\\_Science\\_Honours\\_in\\_Yoga\\_and\\_Parapsychology\\_Degree\\_By-Laws\\_Amendment.pdf](https://gwu.ac.lk/images/Bylaw/FIHST/DIHS/1_Bachelor_of_Science_Honours_in_Yoga_and_Parapsychology_Degree_By-Laws_Amendment.pdf)

9. **Bachelor of Science Honors in Health Tourism and Hospitality Management**

[https://gwu.ac.lk/images/Bylaw/FIHST/DIHS/2\\_Bachelor\\_of\\_Science\\_Honours\\_in\\_Health\\_Tourism\\_and\\_Hospitality\\_Management\\_Degree\\_By-Laws\\_Amendment.pdf](https://gwu.ac.lk/images/Bylaw/FIHST/DIHS/2_Bachelor_of_Science_Honours_in_Health_Tourism_and_Hospitality_Management_Degree_By-Laws_Amendment.pdf)





## COMMON FACILITIES AND SERVICES

## STUDENT COUNSELLING SERVICE OF FIHST

The Faculty of Indigenous Health Sciences and Technology (FIHST), Gampaha Wickramarachchi University of Indigenous Medicine provides student counseling services and programmes that promote personal development, and psychological well-being, strengthen adaptive behaviors and coping skills and thereby support the achievement of their educational goals. Student counselors of the Faculty of Indigenous Health Sciences and Technology guide students by identifying potential solutions to problems causing psychological imbalance, which can threaten the learning environment. In addition, student counselors support students with special talents in various disciplines such as sports, aesthetic activities, etc., and help them improve/showcase their talents. The students will have the opportunity to discuss their various psychological, social, and financial issues or any other difficulty they face privately and confidentially during their university education with the student counselors and obtain advice. Students will be directed to professional psychological counselors whenever needed. Student counselors work in a private, confidential, and/or convenient setting with individuals or groups of students through face-to-face discussions, telephone conversations, and using electronic communication methods. The Faculty of Indigenous Health Sciences & Technology has appointed a Senior Student Counsellor for the faculty and Student Counsellors for the departments to maintain student counseling activities under the guidance of the Vice-Chancellor.

### STUDENT COUNSELLORS FOR THE FACULTY



#### Senior Student Counsellor

##### Mr. Niwantha Kanuwana

MPhil (Reading), BSc (Hons), M.LRHRM (UOC),  
M.AETM (WUSL), MCIPM, AAL  
Lecturer- Dept. of Indigenous Medical  
Resources  
Contact info:

[niwantha@gwu.ac.lk](mailto:niwantha@gwu.ac.lk) / +94773668230



#### Student Counsellor

##### Dr. Ruwan Perera

PhD, BSc Chemistry (Hons) (UoK),  
Dip in Psychology & Counselling  
Lecturer- Dept. of Indigenous Medical  
Resources  
Contact info:

[wprtp@gwu.ac.lk](mailto:wprtp@gwu.ac.lk) / +94772521452



**Student Counsellor**

**Dr. A. H. N. De Zoysa**

PhD/Psychology, MSSc, BA (Hons) (UoK), Ad Dip  
in Psychotherapy, Dip in Counselling (SLMHF)  
Lecturer- Dept. of Indigenous Health Sciences  
Contact info:

[harini@gwu.ac.lk](mailto:harini@gwu.ac.lk) /+94718660690



**Student Counsellor**

**Mrs. Kasuri Balasooriya**

MPhil (Reading) (UoM), BEng in Biomedical (India)  
Lecturer (prob.)- Dept. of Technology  
Contact info:

[kasuri@gwu.ac.lk](mailto:kasuri@gwu.ac.lk) / +94701329720

## ACADEMIC COUNSELLING SERVICE OF FIHST

The Faculty of Indigenous Health Sciences and Technology (FIHST), Gampaha Wickramarachchi University of Indigenous Medicine provides academic counselling services and programmes that enhance students' learning experiences, strengthen academic skills, and support the achievement of their educational goals. Academic counsellors of the Faculty of Indigenous Health Sciences and Technology guide students by identifying barriers to academic success and offering practical solutions to improve study habits, time management, and learning strategies, thereby fostering a productive academic environment. In addition, academic counsellors assist students with special academic interests such as research, innovative projects, or higher studies preparation, and help them develop their potential to excel in their chosen fields. Students will have the opportunity to discuss their various academic, social, and financial concerns, or any other difficulties affecting their learning, privately and confidentially with the academic counsellors and receive advice and guidance. Students will be referred to relevant academic or professional support services whenever necessary.

### ACADEMIC COUNSELLORS FOR THE FACULTY



#### Senior Academic Counsellor

##### Dr. Lakshitha Madunil

PhD (Japan), MSc (UoC), BSc (Hons) (USJ)

Senior Lecturer (Grade II)

Contact info:

[lakshitha@gwu.ac.lk](mailto:lakshitha@gwu.ac.lk)



#### Academic Counsellor

##### Dr. Shermila Botheju

PhD (UoK), BSc (Hons) (UoK), Dip. in GIS and Remote sensing, Dip. in Psychology and Counselling, AI Biol. (SL)

Lecturer- Dept. of Indigenous Medical Resources

Contact info: [shermila@gwu.ac.lk](mailto:shermila@gwu.ac.lk)



**Academic Counsellor**

**Mrs. N. A. P. S. R. Nanayakkara** MSc  
(Reading), BSc (Hons) (SUSL)  
Lecturer (Prob.)- Dept. of Indigenous Health  
Sciences

Contact info:

[suvini@gwu.ac.lk](mailto:suvini@gwu.ac.lk) / +94718660690



**Academic Counsellor**

**Mrs. Sachinethani Alahakoon**  
PhD IT (Reading) (Malaysia), MPhil (UoM), BSc  
(Special) in Applied Electronics (WUSL), Dip (IT with  
e-Commerce)

Lecturer - Dept. of Technology

Contact info:

[sachi@gwu.ac.lk](mailto:sachi@gwu.ac.lk) / +94701329720

## PANDITH G.P. WICKRAMARACHCHI MEMORIAL LIBRARY



### **Dr. R.D. Ananda Tissa**

B.A. (Hons.), PGD (SJP), MSSC (UoK), PhD. (UoK),  
Fellow (SLLA)

Acting Librarian, Senior Assistant Librarian

Email: [anandat@gwu.ac.lk](mailto:anandat@gwu.ac.lk)

On behalf of the Pandith G. P. Wickramarachchi Memorial Library (PGPWML), I extend a warm welcome to all students who have registered for the year 2023.

The library of the University is located in the Pandith G.P. Wickramarachchi Memorial Library Building. The main objectives of this library include providing resources necessary for the three main pillars of the University: teaching, learning, and research in Ayurveda, Indigenous Medicine, Medical Sciences, Health Sciences, Management, Technology, and other related disciplines.

The PGPWM library, which is the main library, offers printed and electronic resources with remote access and automated library functions enabling efficient and effective library services for the benefit of the entire University community.

The online library catalog (OPAC) provides all the information about textbooks and where to find them. In addition, the library provides you with services, programs, and spaces that enable you to achieve your personal and academic goals.

We invite you to explore our library webpage (<https://gwu.ac.lk/library/>) for more information.

Web link: <https://gwu.ac.lk/library/>





## INFORMATION & COMMUNICATION TECHNOLOGY (ICT) CENTRE

The ICT Centre is located on the second floor of the Multi-Purpose Building. This is a common Centre providing computer facilities and services to students, academic and non-academic staff of the University. The Centre is equipped with 100 computers, servers and other accessories and maintains the University website as well.



### University Webmaster

#### Dr. Nalika Dayananda

PhD, BSc (Hons) (UoK), CET. In Applied Statistics (IASSL), Dip. in Psychology and Counselling, Al. Biol. (SL)  
Contact info:

[webmaster@gwu.ac.lk](mailto:webmaster@gwu.ac.lk) / [nalika@gwu.ac.lk](mailto:nalika@gwu.ac.lk)



### In-charge of ICT Centre

#### A.P.H.P. Gunasekara

MIT (UoC), BSc (UoK)

Contact info:

[hasitha@gwu.ac.lk](mailto:hasitha@gwu.ac.lk) / +9433 2230719

## LEARNING MANAGEMENT SYSTEMS (LMS)

A Learning Management System (LMS) is a software application or web-based technology used to plan, implement, and assess a specific learning process. It is used for e-learning practices and, in its most common form, consists of two elements: a server that performs the base functionality and a user interface that is operated by instructors, students, and administrators.

Typically, a Learning Management System provides an instructor with a way to create and deliver content, monitor students' participation, and assess students' performance. A Learning Management System may also provide students with the ability to use interactive features such as threaded discussions, video conferencing, and discussion forums. The Learning Management System of the Gampaha Wickramarachchi University of Indigenous Medicine is a web-based application used to plan, implement, and assess a university learning process via e-learning practices.


The functions of GWUIM LMS:

1. Knowledge management and providing an interface to create, deliver content, and monitor students' participation.
2. Assessing students' performance while gathering, organizing, sharing, analyzing knowledge in terms of resources, documents, and relevant skills.
3. Any user with a secure login and password can access the LMS and its online learning resources.

Link: <https://lms.gwu.ac.lk/login/index.php>

## Welcome to Virtual Learning Environment - GWUIM

☐ Remember username

[Forgotten your username or password?](#)  
Cookies must be enabled in your browser  
  
Some courses may allow guest access



## CENTER FOR GENDER EQUITY/EQUALITY (CGEE)



### Coordinator

#### **Dr. (Mrs.) N. S. Abegunasekara**

BAMS(Hons.) (UoK), MD (Ayu - Rachana Shareera) (RGUHS - India), PG Dip. in Health care Quality & Patient Safety (UoC), Dip.in Advanced English for Academic Purposes (UoC)  
Senior Lecturer (Grade II)  
Email: [genderequality@gwu.ac.lk](mailto:genderequality@gwu.ac.lk)

The Center for Gender Equity/Equality (CGEE) at the Gampaha Wickramarachchi University of Indigenous Medicine (GWUIM) is committed to fostering harmony, cooperation, and mutual respect between men and women in the university, academic and non-academic staff and students. Established under the directives of the University of Grants Commission (UGC) and the foresight of the UGC Standing Committee on Gender Equity/Equality in Higher Education, the CGEE at GWUIM ensures a conducive, gender-just working and learning environment exists for all members of the University.

Within the broader concept of ensuring gender equity and equality at the GWUIM, the CGEE will,

1. Raise awareness among the university community on gender-related concepts and matters.
2. Provide training on gender equity and equality.
3. Identify ways and means to prevent gender inequality, inequity, and gender-based violence and ragging at the GWUIM.
4. Empower the university community to prevent and respond to gender inequality, inequity, and gender-based violence and ragging by developing relevant skills.
5. Inquire about sexual and gender-based violence and ragging and propose to university councils for disciplinary actions to offenders, and facilities for victims.

The complaints regarding gender inequality, inequity, sexual and gender-based violence, and ragging can be forwarded to <https://www.eugc.ac.lk/rag/login.php> or directly to the coordinator, CGEE, GWUIM.

# SAY, NO TO .... RAGGING, SEXUAL & GENDER-BASED VIOLENCE

නවක වදය, ලිංගික හා ස්ත්‍රී පුරුෂ සමාජභාවමය පදනම් කරගත්  
ප්‍රචණ්ඩත්වය විරුද්ධ වන්න

பாலியல் மற்றும் பால்நிலை சார் வன்முறைகளை மறுப்போம்



**For More Support**

**Coordinator - CGEE**



[genderequality@gwu.ac.lk](mailto:genderequality@gwu.ac.lk)



<https://www.eugc.ac.lk/rag/login.php>



**076 683 5599**



**Centre for Gender Equity/Equality (CGEE)**

Gampaha Wickramarachchi University of Indigenous Medicine  
Sri Lanka

## CAREER GUIDANCE UNIT (CGU)



### Director

#### **Dr. Lakshitha Madunil**

PhD (Japan), MSc (UoC), BSc (Hons) (USJ)

Senior Lecturer (Grade II)

[cgu@gwu.ac.lk](mailto:cgu@gwu.ac.lk)/[lakshitha@gwu.ac.lk](mailto:lakshitha@gwu.ac.lk)

The Career Guidance Unit (CDU) of the Gampaha Wickramarachchi University of Indigenous Medicine was established with the objective of enhancing the quality of professional and soft skills of the students while strengthening the link between the undergraduates and industrial sectors. The unit supports the University in producing capable and employable graduates who are empowered to contribute positively to the development of relevant fields.

The unit organizes workshops, seminars, Ayurveda clinics, and entrepreneurship programmes from time to time to develop abilities and skills vital for undergraduates to cope with the needs of the current Ayurveda sector and related industries to develop life-long learning ambitions. In addition, undergraduates who are looking forward to career opportunities in the private sector including the tourism industry, pharmaceutical industry, agricultural industry, biomedical industry, yoga centre, and other treatment centres will benefit from the unit by making them aware of these opportunities as well as by providing them with necessary guidance for placement.

Further work life highly searches for soft skills such as interpersonal skills, communication skills, presentation skills, time management, teamwork, and organizational abilities. The Career Guidance Unit helps the students of the University of Indigenous Medicine to develop these skills.

## ENGLISH LANGUAGE TEACHING CENTRE



### Coordinator

**Dr. S. A. R. R. P. Dissanayaka**

Senior Lecturer (Grade I)

PhD (UoK), MPhil (UoK), MA (UoK), BA (USJ)

[palithad@gwu.ac.lk](mailto:palithad@gwu.ac.lk)

The English Language Teaching Centre (ELTC) of the Gampaha Wickramarachchi University of Indigenous Medicine was established in 2021, under the guidance of the founding Vice-Chancellor, Senior Professor Janitha A. Liyanage. The centre was established with the aim of facilitating English Language courses across the faculties in the GWUIM. In addition, the ELTC is committed to effectively addressing various other English language requirements of the University.

The English Language Teaching Centre is currently conducting courses for the Faculty of Indigenous Medicine and courses will be implemented for the undergraduates studying in the Faculty of Indigenous Health Sciences and Technology (FIHST) and the Faculty of Indigenous Social Sciences and Management Studies (FISSMS) as well.

Moreover, the ELTC is conducting a preparatory course for new entrants from all the faculties. The ELTC will also conduct various other activities such as workshops and seminars to improve the communication skills of the undergraduates, using resources such as the language laboratory.

In addition, numerous virtual English language study programmes and language support services are provided by the ELTC to the entire University, to uplift the English language knowledge of the students of the GWUIM.

## UNIVERSITY BUSINESS LINKAGE (UBL)

Universities are at the frontier of knowledge, research, innovation, and cutting-edge technology. One of the key strengths of GWUIM is the dedicated, diverse, and mature team of researchers who engage in cutting-edge research. Therefore, GWUIM endeavors to create a research and innovation-driven academic culture and envisions that research results should be turned into useful products and services for public use and benefit people by enhancing their quality of life. To achieve the above-mentioned objective, it is imperative that the research outcomes of the University be transferred to industries and businesses. Against this backdrop, the establishment of the University Business Linkage (UBL) Cell is a necessary step in the implementation of the UGC Circular 10/2016 in the Gampaha Wickramarachchi University of Indigenous Medicine with the support from the Accelerating Higher Education Expansion and Development (AHEAD) Project.



### Director -UBLC

#### Mr. Niwantha Kanuwana

M.Phil (Reading), BSc (Hons), M.LRHRM (UOC),

M.AETM (WUSL), MCIPM, AAL

Lecturer- Dept. of Indigenous Medical

Resources

Contact info:

[niwantha@gwu.ac.lk](mailto:niwantha@gwu.ac.lk)

## MEDICAL CENTRE



### **Nursing Officer**

**Mr. H. S. K. Ariyaratne**

Dip. in Nursing

The University Medical Centre provides and coordinates all health requirements of university students. It is open from 8.00 a.m. to 4.00 p.m. during weekdays except public holidays. The medical forms for all new entrants are issued from the medical centre. Completion of this form is mandatory for all students. It also provides treatments including dental care.

When a student is absent from an examination or from tutorials, practical, or clinical sessions a medical certificate issued from the medical centre or a medical certificate issued by a qualified medical practitioner must be certified by the University Medical Officer before it is accepted.

## PHYSICAL EDUCATION UNIT

**Coordinator****Mr. B. A. N. Krishantha**

Registrar

Email: [registrar@gwu.ac.lk](mailto:registrar@gwu.ac.lk)**Instructor in Physical Education (Grade III)****Mrs. R. A. L. Lakmini Rupasinghe**

The ultimate goal of the sports and physical education programs is to facilitate sports experiences for the University community.

Sports Activities are organized by the Physical Education Unit. Every undergraduate is entitled to the facilities provided by the University and should make the best use of such facilities.

The University has a Gymnasium with facilities for indoor games such as Volleyball, Badminton, Netball, Carrom, Chess, Table Tennis, Weightlifting, etc. This Gymnasium is open for students and University staff to use from 8.00 a.m. to 6.30 p.m. on weekdays.



## PROF. JANITHA A. LIYANAGE CENTRAL LABORATORY



### Coordinator

**Professor (Mrs.) K. P. P. Peiris**

PhD (Ayu.) Shalakya (India)

BAMS (Hons)(UoC), MS(Ay.) Shalakya (India)

Email: [priyanip@gwu.ac.lk](mailto:priyanip@gwu.ac.lk)

Prof. Janitha A. Liyanage Central Laboratory of Gampaha Wickramarachchi University of Indigenous Medicine has been established for the integration of science-based knowledge and skills for advancement of the Ayurveda Medicine.

Prof. Janitha A. Liyanage Central Laboratory takes pride in the potential and capacity to enhance the facilities for the undergraduates, postgraduates, and researchers to provide their needs for the success of their activities based on the developed technology and methodology.

The Central Laboratory of the University plays a vital role by facilitating to conduct of practical classes and exams of undergraduate programmes and postgraduate studies. It also provides clinical testing services to internal and external patients of Ayurveda Teaching Hospital. In addition, it involves providing analytical laboratory facilities to industries and government bodies which is an income-generating process for the institute.

The Central laboratory is equipped with a lot of sophisticated instruments such as gas chromatographs, spectrophotometers, centrifuges, rotary evaporators, incubators, etc.

Senior academics and skillful laboratory technical staff have been involved in academic, and research works to enhance the knowledge and skills of undergraduate students and postgraduate students of the Institute.

The following services are provided by the Central Laboratory,

1. Facilitate research works for undergraduates and postgraduate students.
2. Biomedical samples investigation and issuing reports.
3. Analysis of different samples at the request of the industry.



## GAMPAHA WICKRAMARACHCHI INTERNATIONAL CENTRE (GWIC)



### Director

**Lt. Col. Dr. Asanka Pallewatta**

Senior Lecturer (Grade I)

PhD (Denmark), MEng (Japan), BEng (Japan),

Dip in Fashion Design (SL), Dip in Diplomacy (SL)

Email: [international@gwu.ac.lk](mailto:international@gwu.ac.lk)

Gampaha Wickramarachchi International Centre was established to initiate and promote international collaborations, amelioration of cross-cultural understanding, and empowerment of the global citizenship of students and academia while respecting the values of indigenous knowledge.

Key Roles of GWIC include,

1. Facilitation of MoUs regarding the various collaborations with foreign universities, research centers, international organizations, and commercial entities.
2. Promotion of grant opportunities and student exchange programmes.
3. Providing the staff and students with the necessary support to apply for scholarships/studentships and outgoing mobility grants.
4. Coordination of the logistic support for incoming foreign delegates, according to their time allocated for the GWUIM during their stay in Sri Lanka
5. Facilitation of basic logistic needs for incoming foreign students
6. Establish strong and sustainable connections with various international organizations, identifying their potential to contribute to the future developments in GWUIM.
7. Dissemination of news from GWUIM to international partners.
8. Facilitation of language training programmes and internal inter-cultural workshops, with a view to enhancing the overseas employability of the prospective students.

## STUDENT WELFARE DIVISION



### Assistant registrar

**Mrs. I. U. Wijethungaarachchi**

MHRM (Reading) (UoK), BSc (OUSL)

E mail: [stuwelfare@gwu.ac.lk](mailto:stuwelfare@gwu.ac.lk) / [arstuw@gwu.ac.lk](mailto:arstuw@gwu.ac.lk)

Telephone: 033-2226618 Ext.-140,111

## INTRODUCTION

The prime responsibility of the Division is to provide a wide range of services to facilitate the students with their academic activities and enhance their skills and attitudes needed for intellectual engagement with a view to achieving the goals of the University.

## LOCATION

Student Welfare Division is located in upstairs of the Maintenance office building block number - A18 adjacent to the Dean's office of the Faculty of Indigenous Medicine.

## STUDENT AFFAIRS

### 1.1 Facilities provided for the students

1. Attend to all matters with regard to providing hostel facilities to students from among first and final-year students for every Academic Year.
2. Attend to matters pertaining to providing canteen facilities for students and staff and photocopying service.
3. Attend to matters relating to student unions, societies, and associations.
4. Coordinating matters pertaining to issuing Railway Season Tickets.
5. Attend matters with regard to scholarships and providing financial assistance to needy students (Mahapola, Bursary, and other scholarships).
6. Attend preliminary work with regard to the appointment of senior counselors, student counselors, part-time sub wardens, and academic wardens.

## HOSTEL FACILITIES

#	Name of the Hostel	Address
1	“Samagi Mawatha” Boys Hostel	18/19, Samagi Mawatha, Yakkala
2	Seneviratne Boys Hostel	20/18, Samagi Mawatha, Yakkala
3	Mahawita Boys Hostel	20, Mahawita, Yakkala
4	Parackrama Girls Hostel	1/10B, Ranweli Pedesa, Yakkala
5	Karunanayaka Girls Hostel	65/4, Kandy Road, Yakkala
6	Tissa Boys Hostel	29, Kandy Road, Yakkala
7	Vidiyawatta Girls Hostel	Pahala Vidiyawatta, Yakkala
8	Samara Girls Hostel	71/3, Samara Pedesa, Yakkala road, Gampha
9	Nadeesha Girls Hostel	100/12H, Ranweli Pedesa, Kandy Road, Yakkala
10	J. K. Nishshanka Perera Hostel	No: 38, Koranelis Mawatha, Upstairs, Nugegoda

## SCHOLARSHIPS

### 1. Mahapola Scholarships

Students who are eligible for the Mahapola scholarship will receive a monthly installment approved by the Mahapola Trust Fund. Students receive **10 installments** within an Academic Year.

### 2. Bursaries

The applications are called by the Student Welfare Division for the selection of suitable students for Bursaries. Students receive an approved stipend in **10 monthly installments** within an Academic Year. The students who are not entitled to receive Mahapola or other scholarships are eligible to apply for a bursary.

## TRANSITION TO UNIVERSITY LIFE

**Welcome to the Gampaha Wickramarachchi University of Indigenous Medicine (GWUIM), the 16<sup>th</sup> National University of Sri Lanka!**

You are special to us, for you would be the very first batch of the newly established Faculty of Indigenous Health Sciences and Technology. As the first batch of graduates of this University, you will be the “ambassadors” who have the potential to carry the University name forward.

In this journey as an undergraduate, you will be able to transform your personality through searching for knowledge, developing skills, personality, and character with new experiences and challenges. Throughout this journey, you will become the master of your sail by taking responsibility and coping with new challenges.

Stepping into higher education differs vastly from the secondary school education you have received. University learning is not limited only to books and extra reading material, yet there is a lot more to engage in. Ranging from sports and extra-curricular activities to career-oriented skills, University education involves more avenues that can be explored.

### **CODES OF CONDUCT**

GWUIM is a community where each has an individual as well as a collective responsibility to behave in a way that utilizes your privileges while protecting and respecting mutual rights and properties. Whilst working to achieve your goals in your academic career, you should always be mindful not to invade the personal boundaries of another person. In addition, you should develop and present your personality in a way that is socially acceptable as a person with integrity who follows social etiquettes.

In the University, you may get ample chances to explore the depths of knowledge and enhance your skills and competencies. Whilst experiencing that academic freedom, you should always meet the academic responsibilities that have been bestowed upon you.

In addition, handling the university property with care and utmost diligence is expected from every undergraduate. Nevertheless, you should work in a manner where you are adhering to the community health guidelines whilst improving the safety of everyone around you.

## ACADEMIC SUPPORT

As an undergraduate, you have to follow your studies in the English medium and do your assignments in English as well. Most of the time, you may have to communicate with your lecturers in English. Hence, the responsibility of improving your English language skills lies on you. In order to support you in developing your skills, the English Language Teaching Centre is committed to helping you as well. Apart from that, you will receive IT-related services from the IT Centre of the University.

If you come across any issue regarding any course unit you follow, ensure to contact the course coordinator of the respective course unit. Each course unit offered by each department has a separate course coordinator and resource persons who will guide you to learn the course unit. However, University education differs vastly from your high school education. It is your sole responsibility to make your notes based on the lectures taught. Your lecturers may not constantly remind you of your assignment deadlines, yet it is your responsibility to submit assignments on time since the assignment marks will be calculated toward your final grade. Especially when submitting an assignment, you have to be mindful of the subject-specific vocabulary and techniques of academic writing.



## ENSURING THE SAFETY OF STUDENTS

University is a place where you meet hundreds of new individuals, who come from different backgrounds. Yet, within the University, every student should work towards one goal: to achieve the best in their academic career.

In the University, there is a system of hierarchical relations between students, lecturers, University authorities, and even the larger society. While living in such a system, we may experience manipulations that are psychological, physical, or political. Yet, try not to allow these manipulations to affect you personally and violate your boundaries. In such circumstances, the student counselors of the faculty are there to resolve your social, personal, and physiological concerns while protecting your privacy and being non-judgmental. The academic advisors of the faculty help you solve any matters with respect to the academic program.

## ACCLIMATIZATION TO CORPORATE AND SOCIAL LIFE

It is always a novel feeling to enter the arena of higher education as an undergraduate. You will be exposed to numerous academic-related and extra-curricular activities in the university. Whatever the extra-curricular or academic activities you may do, your aim should be to be a “career-ready” graduate when you are graduating from the university.

Engaging in various extracurricular activities and sports will truly be beneficial for you to get to know your fellow colleagues and develop your leadership and teamwork skills. Especially, those will be useful when you wish to apply for an occupation after graduation. Yet always do remember to balance your extracurricular activities and your academic life. At the end of the day, obtaining a degree with a higher score should be your topmost priority as well.

The GWUIM consists of a Career Guidance Unit (CGU) to support your next step to be a career-ready graduate. The CGU serves as a link between the university and the corporate sector to produce capable and employable graduates.

## FINANCIAL SUPPORT

When you are starting your academic journey as an undergraduate, sometimes you may have concerns regarding the necessary financial support required. In such instances, you can always contact the Student Welfare Division, in terms of obtaining details about available scholarships, such as the Mahapola Scholarship and Bursary.

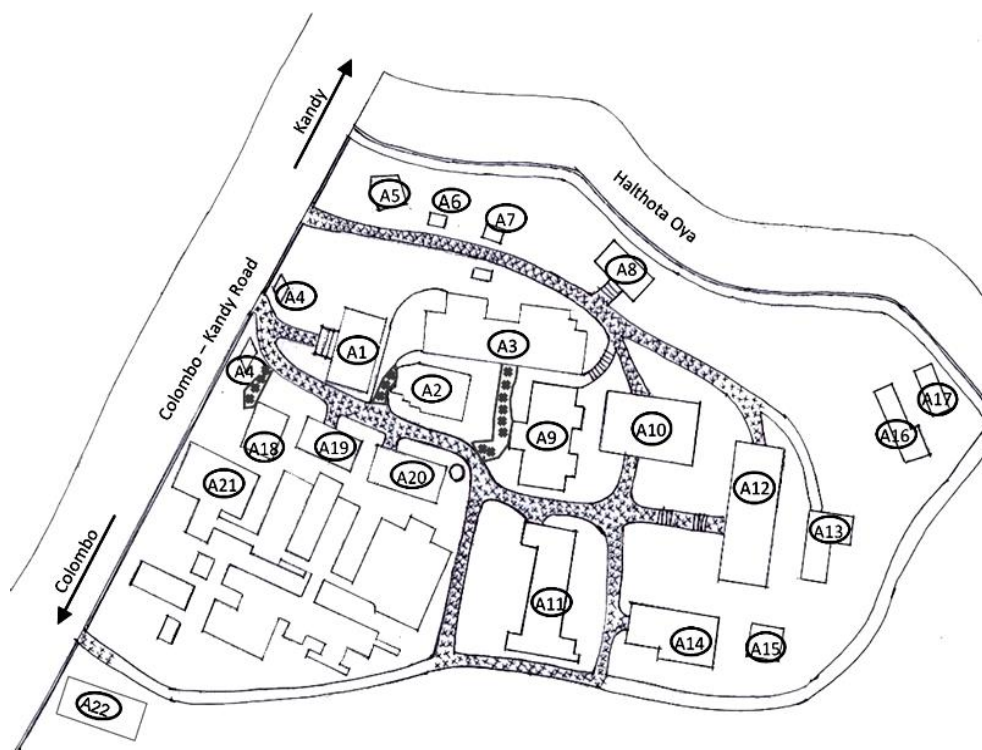
This is the dawn of a brand-new chapter in your life, days you and your parents/guardians dreamt of you since you were a child. Now it is time for you to make the most out of your university life, whilst wisely managing your freedom. After all, “life is what you make it”.

## IMPORTANT CONTACT DETAILS

Important person or Division	Contact No	Email
Registrar	0332215772	<a href="mailto:registrar@gwu.ac.lk">registrar@gwu.ac.lk</a>
SAR- General Administration	0332222748	<a href="mailto:sargadmin@gwu.ac.lk">sargadmin@gwu.ac.lk</a>
SAR - Examination	0332215826	<a href="mailto:exam@gwu.ac.lk">exam@gwu.ac.lk</a> / <a href="mailto:examination@gwu.ac.lk">examination@gwu.ac.lk</a>
Academic Establishment Division	0332215827	<a href="mailto:officeacad@gwu.ac.lk">officeacad@gwu.ac.lk</a> <a href="mailto:sarae@gwu.ac.lk">sarae@gwu.ac.lk</a>
Bursar	0332223785	<a href="mailto:bursar@gwu.ac.lk">bursar@gwu.ac.lk</a>
Library	0333430420	<a href="mailto:librarian@gwu.ac.lk">librarian@gwu.ac.lk</a>
Student Welfare	0332226618	<a href="mailto:stuwelfare@gwu.ac.lk">stuwelfare@gwu.ac.lk</a> <a href="mailto:arstuw@gwu.ac.lk">arstuw@gwu.ac.lk</a>
ICT Center	0332230719	<a href="mailto:ictc@gwu.ac.lk">ictc@gwu.ac.lk</a>
English Language Teaching Center	0332222748	<a href="mailto:palithad@gwu.ac.lk">palithad@gwu.ac.lk</a>
Dean - FIHST	0332224916	<a href="mailto:deanfihst@gwu.ac.lk">deanfihst@gwu.ac.lk</a>
HoD - Department of Indigenous Medical Resources	0337809504	<a href="mailto:hodimr@gwu.ac.lk">hodimr@gwu.ac.lk</a>
AR - FIHST	0332215144	<a href="mailto:arfihst@gwu.ac.lk">arfihst@gwu.ac.lk</a>



## UNIVERSITY MAP



### LEGEND

- A1- Statue
- A2- Director's Office
- A3- Multi Purpose building  
Ground Floor-Dept. Dravyaguna &  
Dept. Ayurveda Basic Principles  
1<sup>st</sup> Floor-Dept. Basic Principles  
2<sup>nd</sup> Floor-ICT Centre & Mini Auditorium
- A4- Main security Office
- A5- Kudalu Pokuna
- A6- Transformer Room
- A7- Generator Room
- A8- Bhaisajyagaraya
- A9- Lecture Hall building  
Ground Floor-Plant Museum  
1<sup>st</sup> & 2<sup>nd</sup> Floor- Lecture Halls
- A10- Library
- A11- Main Laboratory

- A12- Student Centre  
Ground Floor-Canteen & Indoor Stadium  
1<sup>st</sup> Floor-Gym & Medical Centre  
2<sup>nd</sup> Floor-Main Hall
- A13- Academic Building
- A14- Academic Building  
Ground Floor-Dept. Shalya Shalakya,  
*Kaumārabhṛtya* and *Strī Roga*  
1<sup>st</sup> Floor-Dept. Cikitsa  
2<sup>nd</sup> Floor- Graduate Studies Division
- A15- Kitchen
- A16- Vehicle Park
- A17- Green House
- A18- Ground Floor- Finance Division  
1<sup>st</sup> Floor- Examinations & Student Welfare
- A19- Ground Floor- Maintenance  
1<sup>st</sup> Floor-Administration
- A20- Reading Room
- A21- Gampaha Wickramarachchi Ayurveda  
Hospital
- A22- Administration Building







**Faculty of Indigenous Health Sciences and Technology**  
Gampaha Wickramarachchi University of Indigenous Medicine  
Sri Lanka